Navigation System
Owner's Manual

For your safety and comfort, read carefully and keep in the vehicle.

LAND CRUISER
STATION WAGON

TOYOTA

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Introduction

NAVIGATION SYSTEM OWNER'S MANUAL

This manual explains the operation of the Navigation System. Please read this manual carefully to ensure proper use. Keep this manual in your vehicle at all times.

The screen shots in this document and the actual screens of the navigation system differ depending on whether the functions and/or a contract existed and the map data available at the time of producing this document.

NAVIGATION SYSTEM

The Navigation System is one of the most technologically advanced vehicle accessories ever developed. The system receives satellite signals from the Global Positioning System (GPS) operated by the U.S. Department of Defense. Using these signals and other vehicle sensors, the system indicates your present position and assists in locating a desired destination.

The navigation system is designed to select efficient routes from your present starting location to your destination. The system is also designed to direct you to a destination that is unfamiliar to you in an efficient manner. The system uses DENSO maps. The calculated routes may not be the shortest nor the least traffic congested. Your own personal local knowledge or "short cut" may at times be faster than the calculated routes.

The navigation system's database includes Point of Interest categories to allow you to easily select destinations such as restaurants and hotels. If a destination is not in the database, you can enter the street address or a major intersection close to it and the system will guide you there.

The system will provide both a visual map and audio instructions. The audio instructions will announce the distance remaining and the direction to turn in when approaching an intersection. These voice instructions will help you keep your eyes on the road and are timed to provide enough time to allow you to maneuver, change lanes or slow down.

Please be aware that all current vehicle navigation systems have certain limitations that may affect their ability to perform properly. The accuracy of the vehicle's position depends on satellite conditions, road configuration, vehicle condition or other circumstances. For more information on the limitations of the system, refer to pages 132 through 133.

TOYOTA MOTOR CORPORATION

IMPORTANT INFORMATION ABOUT THIS MANUAL

For safety reasons, this manual indicates items requiring particular attention with the following marks.

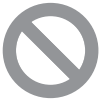
CAUTION

- This is a warning against anything which may cause injury to people if the warning is ignored. You are informed about what you must or must not do in order to reduce the risk of injury to yourself and others.

NOTICE

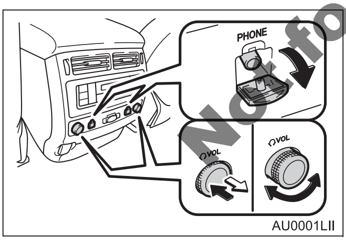
- This is a warning against anything which may cause damage to the vehicle or its equipment if the warning is ignored. You are informed about what you must or must not do in order to avoid or reduce the risk of damage to your vehicle and its equipment.

SYMBOLS USED IN ILLUSTRATIONS



Safety symbol

The symbol of a circle with a slash through it means “Do not”, “Do not do this”, or “Do not let this happen”.

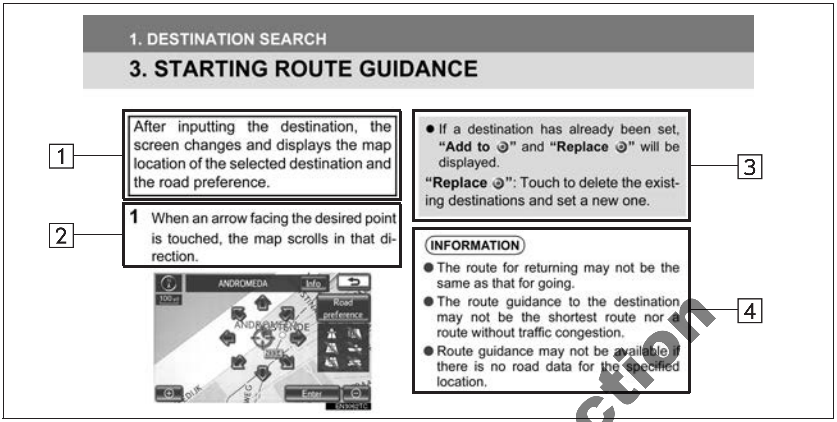


AU0001LII

Arrows indicating operations

➡ Indicates the action (pushing, turning, etc.) used to operate switches and other devices.

⇨ Indicates the outcome of an operation (e.g. a lid opens).



1. DESTINATION SEARCH

3. STARTING ROUTE GUIDANCE

After inputting the destination, the screen changes and displays the map location of the selected destination and the road preference.

1 When an arrow facing the desired point is touched, the map scrolls in that direction.

- If a destination has already been set, **"Add to ◎"** and **"Replace ◎"** will be displayed.

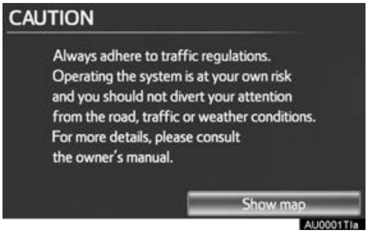
"Replace ◎": Touch to delete the existing destinations and set a new one.

INFORMATION

- The route for returning may not be the same as that for going.
- The route guidance to the destination may not be the shortest route nor a route without traffic congestion.
- Route guidance may not be available if there is no road data for the specified location.

No.	Name	Description
1	Operational Outlines	An outline of the operation is explained.
2	Main Operations	The steps of an operation are explained.
3	Related Operations	A main operation's supplementary operations are described.
4	Information	Useful information for the user is described.

SAFETY INSTRUCTION


CAUTION

Always adhere to traffic regulations.
Operating the system is at your own risk
and you should not divert your attention
from the road, traffic or weather conditions.
For more details, please consult
the owner's manual.

To use this system in the safest possible manner, follow all the safety tips shown below.

This system is intended to assist in reaching the destination and, if used properly, can do so. The driver is solely responsible for the safe operation of your vehicle and the safety of your passengers.

Do not use any feature of this system to the extent it becomes a distraction and prevents safe driving. The first priority while driving should always be the safe operation of the vehicle. While driving, be sure to observe all traffic regulations.

Prior to the actual use of this system, learn how to use it and become thoroughly familiar with it. Read the entire Navigation System Owner's Manual to make sure you understand the system. Do not allow other people to use this system until they have read and understood the instructions in this manual.

For your safety, some functions may become inoperable when driving. Unavailable screen buttons are dimmed. Only when the vehicle is not moving, can the destination and route selection be done.

⚠ CAUTION

- For safety, the driver should not operate the navigation system while he/she is driving. Insufficient attention to the road and traffic may cause an accident.
- While driving, be sure to obey the traffic regulations and maintain awareness of the road conditions. If a traffic sign on the road has been changed, route guidance may not have the updated information such as the direction of a one way street.

While driving, listen to the voice instructions as much as possible and glance at the screen briefly and only when it is safe. However, do not totally rely on voice guidance. Use it just for reference. If the system cannot determine the current position correctly, there is a possibility of incorrect, late, or non-voice guidance.

The data in the system may occasionally be incomplete. Road conditions, including driving restrictions (no left turns, street closures, etc.) frequently change. Therefore, before following any instructions from the system, look to see whether the instruction can be done safely and legally.

This system cannot warn about such things as the safety of an area, condition of streets, and availability of emergency services. If unsure about the safety of an area, do not drive into it. Under no circumstances is this system a substitute for the driver's personal judgement.

Use this system only in locations where it is legal to do so. Some countries/states/territories may have laws prohibiting the use of video and navigation screens next to the driver.

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3 NAVIGATION SYSTEM

*: Point of Interest

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1

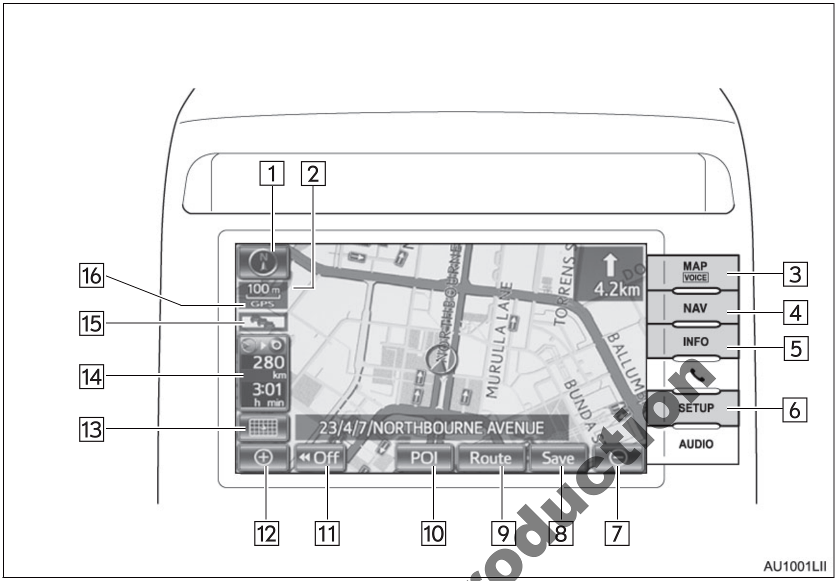
QUICK GUIDE

1 NAVIGATION OPERATION

2 FUNCTION INDEX

3 QUICK REFERENCE

1. OVERVIEW BUTTON AND GUIDANCE SCREEN



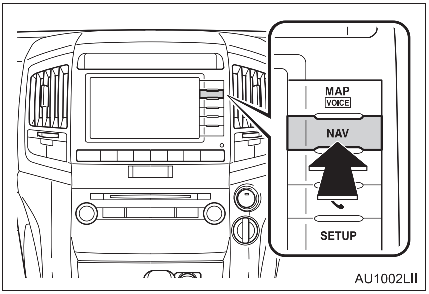
No.	Name	Function	Page
1	2D north up, 2D heading up or 3D heading up symbol	This symbol indicates whether the map orientation is set to north-up or heading-up. A north up view of the map is available in 2D map mode only. A heading up view of the map is available in 2D and 3D map modes.	41
2	Scale indicator	This figure indicates the map scale.	40
3	“MAP/VOICE” button	Press to repeat a voice guidance, cancel the screen scroll, start guidance, and display the current position.	33
4	“NAV” button	Press to display the “Navigation menu” screen.	12, 14, 16, 17, 20, 58
5	“INFO” button	Press to display the fuel consumption information.	304

No.	Name	Function	Page
6	“SETUP” button	Press to display the “Setup” screen.	21, 31, 43, 51, 118, 124, 129, 158, 175, 276
7	Zoom out screen button	Touch to reduce the map scale.	40
8	“Save”	Touch to register the current position or the cursor position as a memory point.	34
9	“Route”	Touch to change routes and/or destinations. In addition, the route overview and route trace functions can also be used.	86
10	“POI”	Touch to set the Points of Interest to be displayed on the screen.	93
11	“◀◀ Off”	Touch to obtain a broader view. Some of the buttons on the screen are not displayed. They are displayed again by selecting **“On ▶▶”**.	120
12	Zoom in screen button	Touch to magnify the map scale.	40
13	Map configuration	Any one of the map configurations can be selected.	38
14	Distance and time to destination	Touch to display the distance, estimated travel and arrival time to the destination.	82
15	Traffic indicator	This mark is displayed when traffic information is received.	85
16	“GPS” mark (Global Positioning System)	Whenever the vehicle is receiving signals from the GPS, this mark is displayed.	132

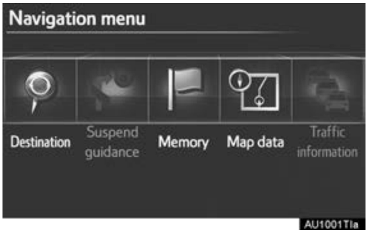
*: Press and hold the **“PWR·VOL”** knob for 3 seconds or more to turn off the screen and restart the navigation system. Do this when the vehicle-mounted device response is extremely slow.

2. REGISTERING HOME

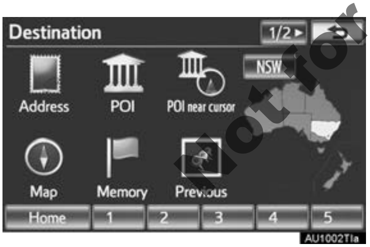
1. **Press the “NAV” button.**



2. **Touch “Destination”.**

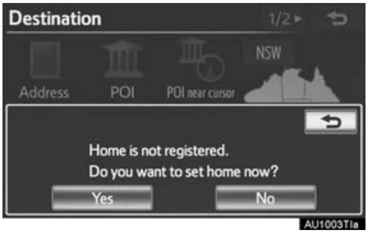


3. **Touch “Home”.**



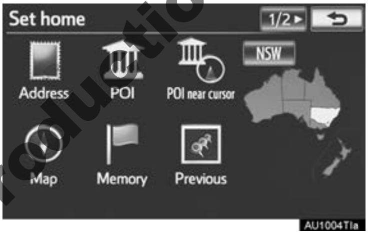
If a home address has not been registered, it can be registered it by touching **“Home”**.

4. **Touch “Yes”.**

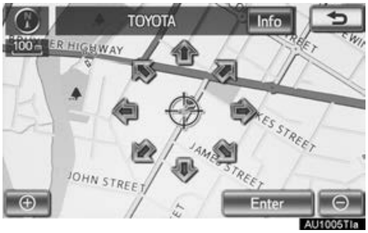


Home is not registered.
Do you want to set home now?

5. **There are 9 different methods to search your home. (See “DESTINATION SEARCH” on page 58.)**



6 **Touch “Enter”.**



Registration of home is complete.

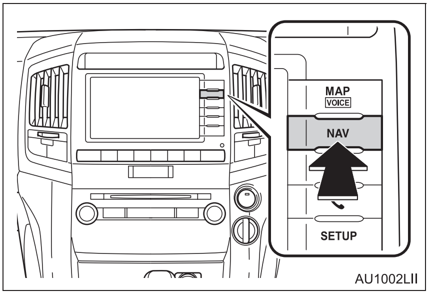
Home can also be registered by touching **“Memory”** on the “Navigation menu” screen. (See “REGISTERING HOME” on page 97.)

The name, location, telephone number and icon can be changed. (See “EDITING HOME” on page 98.)

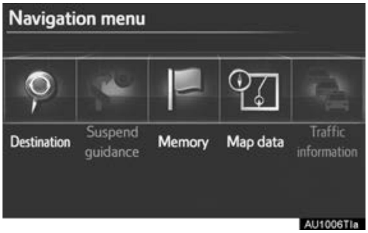
The registered points can be used on the “Destination” screen. (See “DESTINATION SEARCH BY HOME” on page 60.)

3. REGISTERING QUICK ACCESS

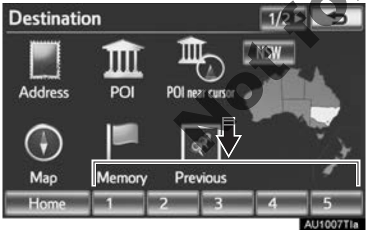
1 **Press the “NAV” button.**



2 **Touch “Destination”.**

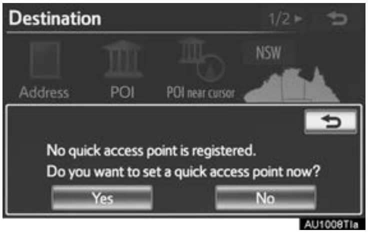


3 **Touch one of the quick access screen buttons.**



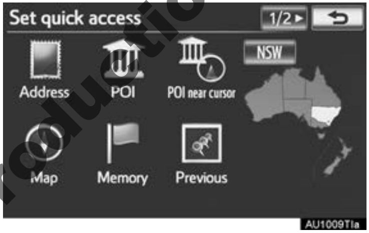
A quick access can be set to any quick access screen button that has not yet been set.

4 **Touch “Yes”.**

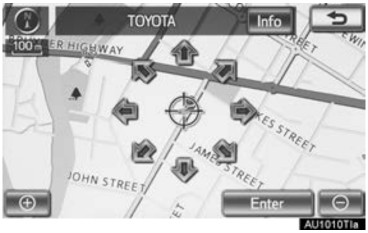


No quick access point is registered.
Do you want to set a quick access point now?

5 **There are 9 different methods to search quick access. (See “DESTINATION SEARCH” on page 58.)**



6 **Touch “Enter”.**



Registration of quick access is complete.

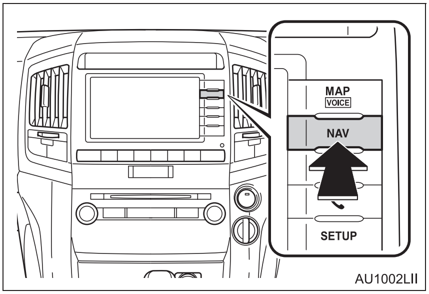
Quick access can also be registered by touching **“Memory”** on the “Navigation menu” screen. (See “REGISTERING QUICK ACCESS” on page 100.)

The name, location, telephone number and icon can be changed. (See “EDITING QUICK ACCESS” on page 101.)

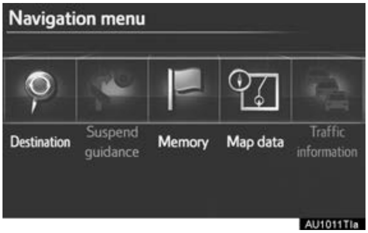
The registered points can be used on the “Destination” screen. (See “DESTINATION SEARCH BY QUICK ACCESS” on page 60.)

4. OPERATION FLOW: GUIDING THE ROUTE

1 **Press the “NAV” button.**

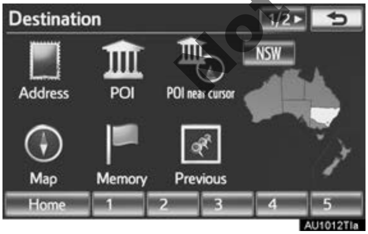


2 **Touch “Destination”.**

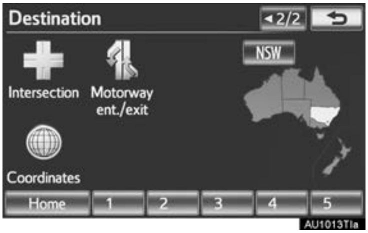


3 **There are 11 different methods to search destinations. (See “DESTINATION SEARCH” on page 58.)**

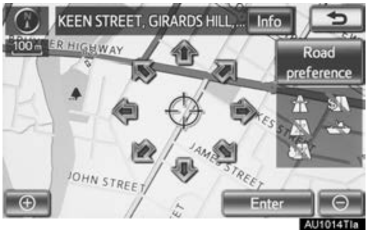
▶Page 1



▶Page 2

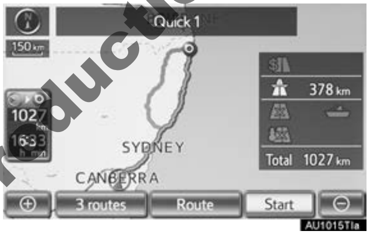


4 **Touch “Enter”.**



The navigation system performs a search for the route.

5 **Touch “Start”, and start driving.**

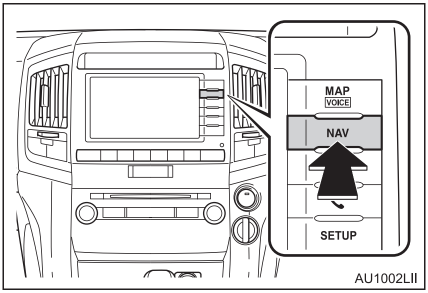


Routes other than the one recommended can also be selected. (See “STARTING ROUTE GUIDANCE” on page 74.)

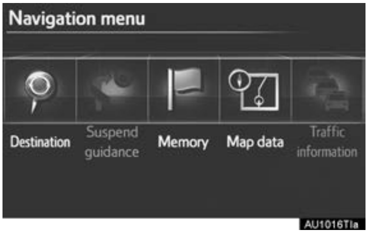
Guidance to the destination is displayed on the screen and can be heard via voice guidance.

5. SETTING HOME AS THE DESTINATION

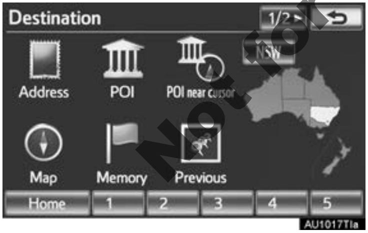
1 **Press the “NAV” button.**



2 **Touch “Destination”.**

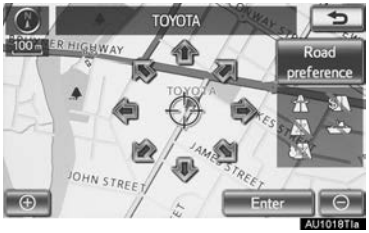


3 **Touch “Home”.**



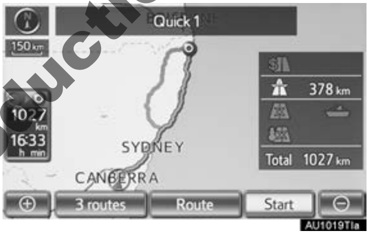
“Home” can be used if your home address has been registered. (To register home, see “REGISTERING HOME” on page 97.)

4 **Touch “Enter”.**



The navigation system performs a search for the route.

5 **Touch “Start”, and start driving.**



Routes other than the one recommended can also be selected. (See “STARTING ROUTE GUIDANCE” on page 74.)

Guidance to the destination is displayed on the screen and can be heard via voice guidance.

1. NAVIGATION SYSTEM FUNCTION INDEX

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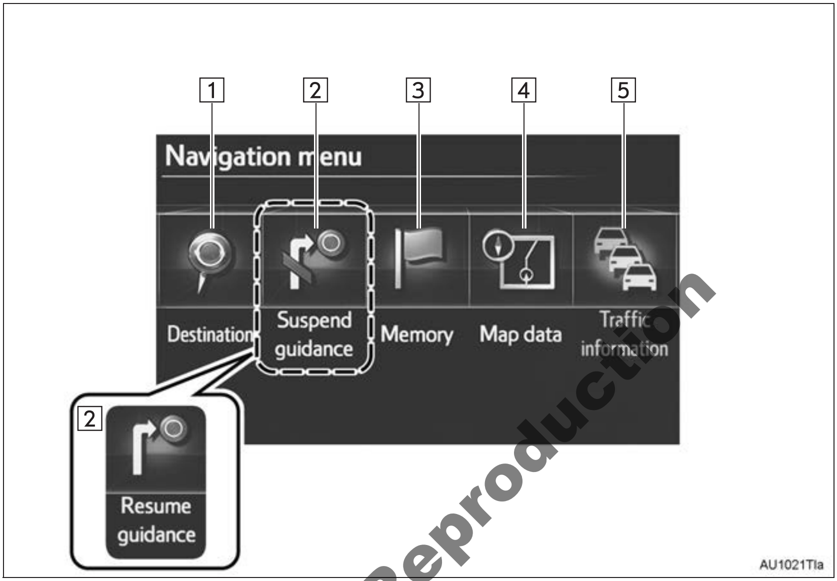
1. “Navigation menu” SCREEN

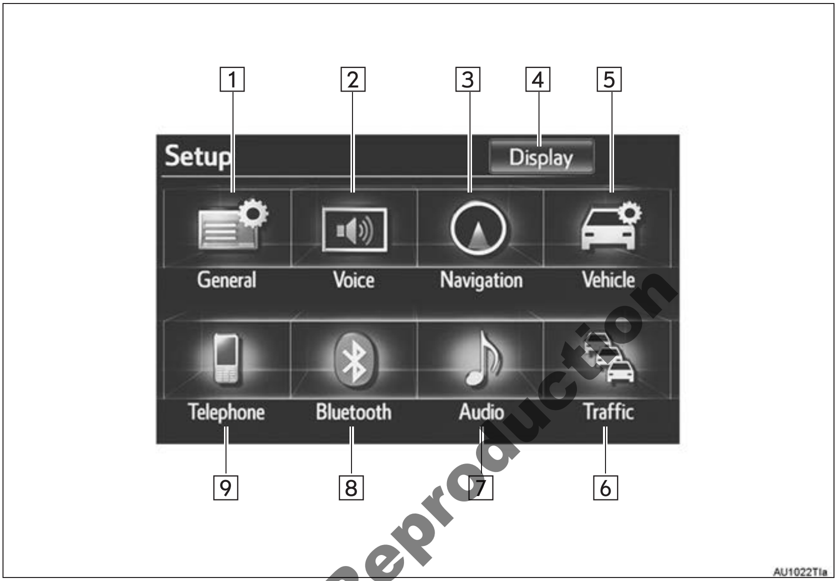
This screen is used for functions such as setting a destination and registering memory points. Press the **“NAV”** button to display the “Navigation menu” screen.



No.	Name	Function	Page
1	“Destination”	One of 11 different methods can be used to search a destination.	56
2	“Suspend guidance” or “Resume guidance”	Touch to suspend or resume guidance.	83
3	“Memory”	Touch to enable changes to “Home”, “Memory points”, “Quick access”, “Area to avoid”, etc.	96
4	“Map data”	Touch to display information regarding the map database version and covered area.	134
5	“Traffic information”	Touch to display the traffic information screen.	84

2. “Setup” SCREEN

The items shown on the “Setup” screen can be set. Press the **“SETUP”** button to display the “Setup” screen.



No.	Name	Function	Page
1	"General"	Touch to change the operation sound, automatic screen change settings, etc.	43
2	"Voice"	Touch to set the voice guidance settings.	51
3	"Navigation"	Touch to access the page which enables the setting of the average speed, displayed screen contents, POI categories, etc.	118
4	"Display"	Touch to adjust the contrast and brightness of the screens, turn the display off, etc.	31
5	"Vehicle"	Touch to set vehicle information such as maintenance information.	124
6	"Traffic"	Touch to display traffic information icons, receivable traffic stations, etc.	129
7	"Audio"	Touch to set sound, radio, iPod, and external video*[1] settings.	276
8	"Bluetooth*[2]"	Touch to set Bluetooth® phones and Bluetooth® audio devices.	175
9	"Telephone"	Touch to set the telephone sound and phonebook settings, etc.	158

*[1]: Vehicles with A/V input port

*[2]: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

2

BASIC FUNCTION

1 BASIC INFORMATION BEFORE OPERATION

2 SETUP

1. INITIAL SCREEN

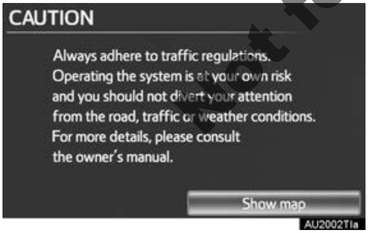
1 When the “ENGINE START STOP” switch is in ACCESSORY or IGNITION ON mode, the initial screen will be displayed and the system will begin operating.

- Images shown on the initial screen can be changed to suit individual preferences. (See page 46.)

CAUTION

- When the vehicle is stopped with the engine running operating, always apply the parking brake for safety.

- After a few seconds, the “CAUTION” screen will be displayed.


CAUTION

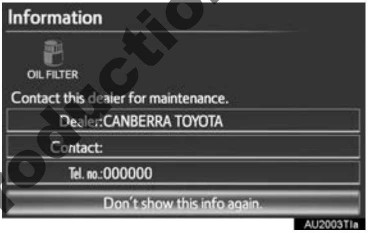
Always adhere to traffic regulations.
Operating the system is at your own risk
and you should not divert your attention
from the road, traffic or weather conditions.
For more details, please consult
the owner’s manual.

- After about 5 seconds, the “CAUTION” screen automatically switches to the map screen. (If a button other than the **“MAP/ VOICE”** button is pressed, the function’s corresponding screen will be displayed.)

MAINTENANCE INFORMATION

This system reminds users when to replace certain parts or components and shows dealer information (if registered) on the screen.

When the vehicle reaches a previously set driving distance or date specified for a scheduled maintenance check, the “Information” screen will be displayed when the navigation system begins operating.


Information

Contact this dealer for maintenance.

Dealer:CANBERRA TOYOTA

Contact:

Tel. no.:000000

- This screen goes off if the screen is not operated for several seconds.
- To prevent this screen from being displayed again, touch **“Don’t show this info again.”**.
- To register maintenance information, see “MAINTENANCE” on page 124.

2. TOUCH SCREEN OPERATION

This system is operated mainly by the buttons on the screen. (Referred to as screen buttons in this manual.)

- When a screen buttons is touched, a beep sounds. (To set the beep sound, see page 43.)

NOTICE

- To prevent damaging the screen, lightly touch the screen buttons with your finger pad.
- Do not operate or rub the screen with a ballpoint pen, a mechanical pencil, finger nail, a pointy and/or hard object because this will damage the screen.
- Do not object other than your finger to touch the screen.
- When wiping the touch screen, it is advisable to wipe with a soft and dry cloth wrapped around the finger. Do not use chemical cleaners to clean the touch screen, as they may damage the touch screen. Also, be careful not to apply excessive force on the screen.

INFORMATION

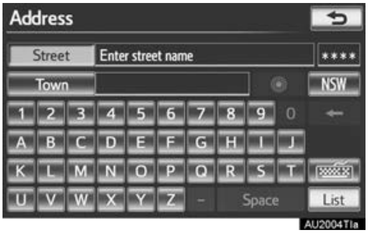
- If the system does not respond to touching a screen button, move your finger away from the screen and then touch it again.
- Dimmed screen buttons cannot be operated.
- To operate the touch screen, press touch screen buttons properly with finger pad.
- When dew condensation occurs inside the touch screen, it is sometimes difficult to operate the display properly. In such case, please leave the screen untouched and do not operate the touch screen until dew condensation disappears.
- The displayed image may become darker and moving images may be slightly distorted when the screen is cold.
- In extremely cold conditions, the map may not be displayed and the data input by a user may be deleted. Also, the screen buttons may be harder than usual to depress.
- When the screen is viewed through polarized sunglasses, a rainbow pattern may appear on the screen due to optical characteristics of the screen. If this is disturbing, please operate the screen without polarized sunglasses.

3. INPUTTING LETTERS AND NUMBERS/LIST SCREEN OPERATION

When searching for an address or name, or entering data, letters and numbers can be input via the screen.

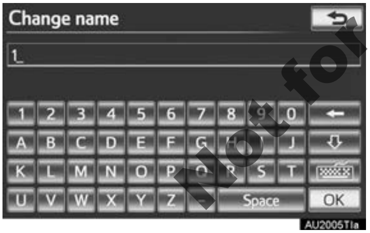
TO INPUT LETTERS AND NUMBERS

1 Touch the keys directly to enter letters or numbers.



←: Touch to erase one character. Touch and hold to continue erasing characters.

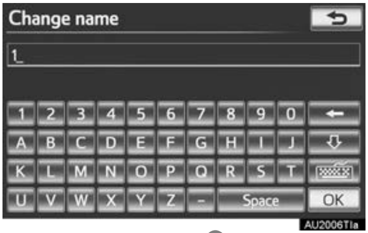
- On certain letter entry screens, letters can be entered in upper or lower case.



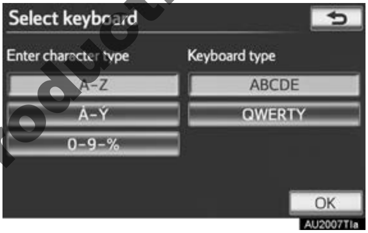
Icon	Function
⇩	Touch to enter in lower case.
⇧	Touch to enter in upper case.

TO CHANGE CHARACTER AND KEYBOARD TYPE

1 Touch ⌨.



2 Touch the desired character and keyboard and touch **"OK"**.

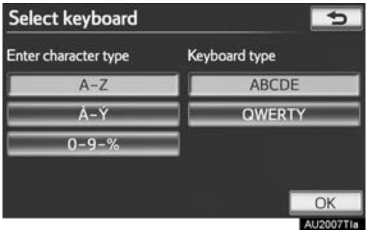


- Perform each setting according to the procedures outlined on the following pages.

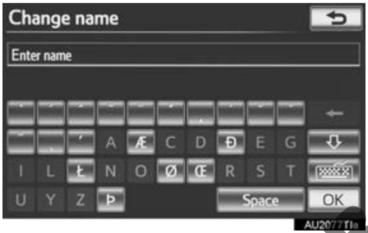
■TO INPUT UMLAUTS

1 Touch ⌨.

2 Touch Å-Ý.



3 Touch the umlaut keys directly to enter umlauts.

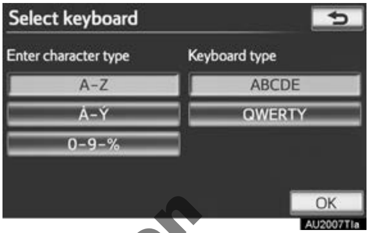


←: Touch to erase one umlaut. Touch and hold to continue erasing umlauts.

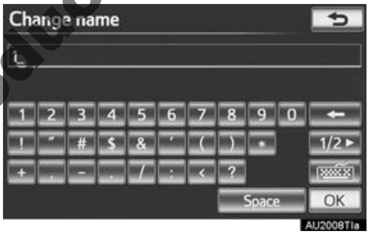
■TO INPUT NUMBERS AND SYMBOLS

1 Touch ⌨.

2 Touch **“0-9-%”**.



3 Touch the keys directly to enter numbers or symbols.



←: Touch to erase one number or symbol. Touch and hold to continue erasing numbers and/or symbols.

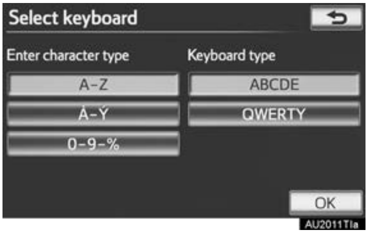
1/2►, ◄2/2: Touch to display other symbols.

SELECTING A KEYBOARD TYPE

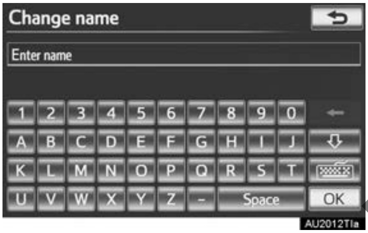
Keyboard type can be changed.

1 Touch ▦.

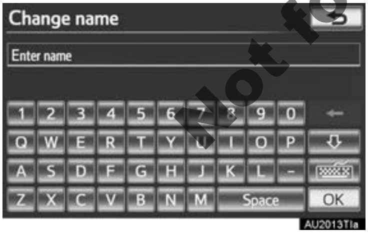
2 Touch the desired keyboard type.



▶ **“ABCDE”** type

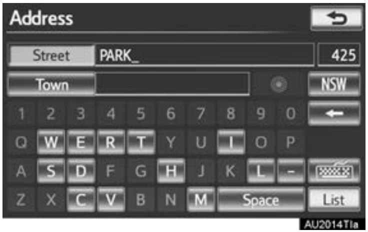


▶ **“QWERTY”** type

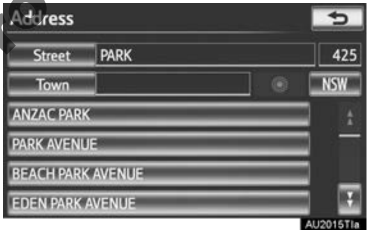


TO DISPLAY THE LIST

1 Touch **“List”** to search for an address or a name.



- Matching items from the database are listed even if the entered address or name is incomplete.
- The list will be displayed automatically if the maximum number of characters is entered or the number of matching items is 5 or less.

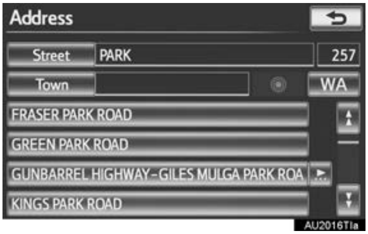


INFORMATION

- The number of matching items is shown on the right side of the screen. If the number of matching items is more than 9999, the system displays “****” on the screen.

LIST SCREEN OPERATION

When a list is displayed, use the appropriate screen button to scroll through the list.

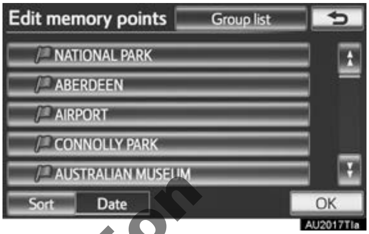


Icon	Function
▲ ▼	Touch to skip to the next or previous page. Touch and hold ▲ or ▼ to scroll through the displayed list.
▬	This indicates the displayed screen's position.
▶ ◀	If ▶ appears to the right of an item name, the complete name is too long to display. Touch ▶ to scroll to the end of the name. Touch ◀ to move to the beginning of the name.

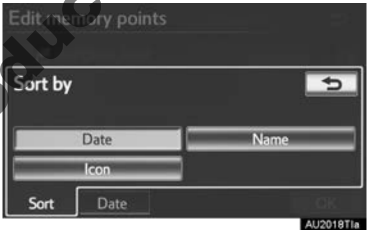
SORTING

The order of a list displayed on the screen can be rearranged.

1 Touch **"Sort"**.



2 Touch the desired sorting criteria.

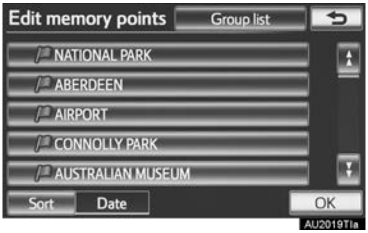


Screen button	Function
"Distance"	Touch to sort in order of distance from the current location.
"Date"	Touch to sort in order of date.
"Category"	Touch to sort in order of category.
"Icon"	Touch to sort in order of icon.
"Name"	Touch to sort in order of name.

DISPLAYING THE GROUP LIST

It is possible to display only the desired group items in the memory point list.

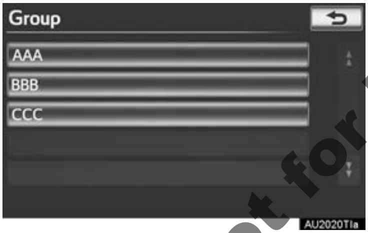
1 Touch **“Group list”**.



- The list of memory points that is registered in the selected group will be displayed.

“All group”: Touch to close the displayed items, and display all groups.

2 Select the desired group.



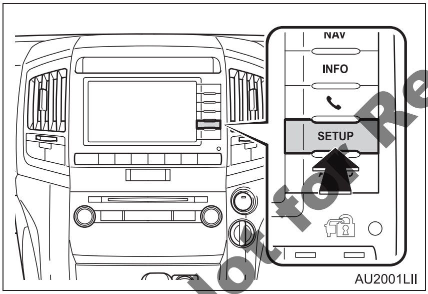
4. SCREEN ADJUSTMENT

The contrast and brightness of the screen display and the image the camera displays can be adjusted. The display can also be turned off, and/or changed to either day or night mode. (For information regarding audio/video screen adjustment, see “AUDIO SCREEN ADJUSTMENT” on page 211.)

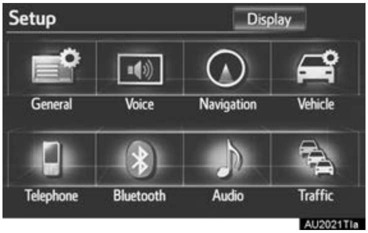
SCREEN SETTING ADJUSTMENT

ADJUSTING SCREEN DISPLAY AND CAMERA SETTINGS

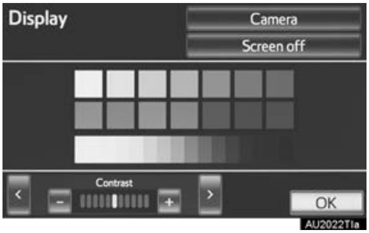
1 Press the **“SETUP”** button.



2 Touch **“Display”**.

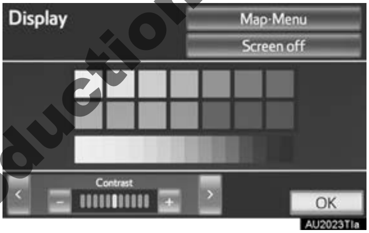


▶Adjusting the screen display



“Camera”: Touch to adjust the image the camera displays.

▶Adjusting the image the camera displays

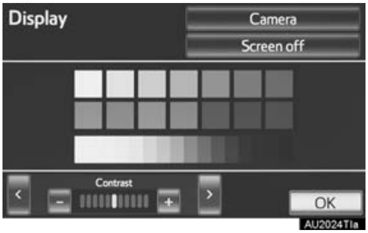


“Map·Menu”: Touch to return to the screen display settings.

CONTRAST AND BRIGHTNESS ADJUSTMENT

The contrast and brightness of the screen can be adjusted according to the brightness of your surroundings. The display can also be turned off.

1 Touch **"<"** or **">"** to select the desired function ("Contrast" or "Brightness").



2 Touch the desired screen button to adjust contrast and brightness.

Screen button	Function
"Contrast" "+"	Touch to strengthen the contrast of the screen.
"Contrast" "-"	Touch to weaken the contrast of the screen.
"Brightness" "+"	Touch to brighten the screen.
"Brightness" "-"	Touch to darken the screen.

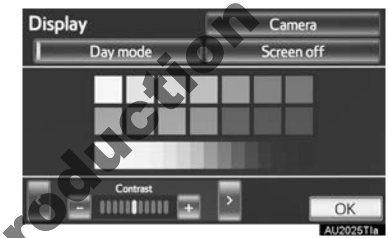
3 After adjusting the screen, touch **"OK"**.

- The screen goes off when **"Screen off"** is touched. To turn the screen back on, press any button. The selected screen appears.

CHANGING BETWEEN DAY AND NIGHT MODE

Depending on the position of the headlight switch, the screen changes to day or night mode.

1 To display the screen in day mode even with the headlight switch on, touch **"Day mode"** on the "Display" screen for brightness and contrast control.



- In the following conditions, the displays condition is not changed to night mode even if headlight switch is turned on:
  - The instrument panel light control switch is turned fully to the right.
  - The vehicle is in a bright area, such as outside in direct sunlight.

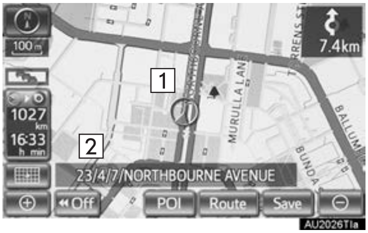
INFORMATION

- If the screen is set to day mode with the headlight switch turned on, this condition is memorized in the system even with the engine turned off.

5. MAP SCREEN OPERATION

CURRENT POSITION DISPLAY

Press the **“MAP/VOICE”** button to display the current position. This screen displays the current position and a map of the surrounding area.



- The current position mark (1) appears in the centre or bottom centre of the map screen.
- A street name will appear on the bottom of the screen, depending on the scale of the map (2).
- The screen can be returned to this map screen that shows the current position at any time, from any screen by pressing the **“MAP/VOICE”** button.

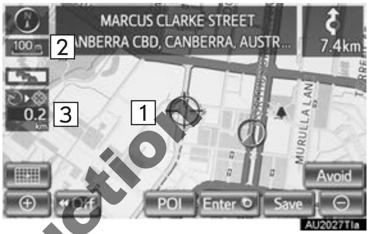
- To correct the current position manually, see page 122.

INFORMATION

- While driving, the current position mark is fixed on the screen and the map moves.
- The current position is automatically set as the vehicle receives signals from the GPS (Global Positioning System). If the current position is not correct, it is automatically corrected after the vehicle receives signals from the GPS.
- After battery disconnection, or on a new vehicle, the current position may not be correct. As soon as the system receives signals from the GPS, the correct current position is displayed.

SCREEN SCROLL OPERATION

When any point on the map is touched, that point moves to the centre of the screen and is shown by the cursor mark (1).



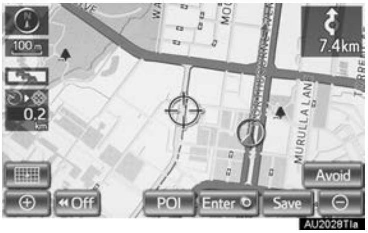
- Use the scroll feature to move the desired point to the centre of the screen for looking at a point on the map that is different from the current position.
- If a finger touches and holds the map screen, it will continue scrolling in that direction until your finger is removed.
- A street name, town name, etc. of the touched point will be shown, depending on the scale of the map (2). Distance from the current position to ⌖ will also be shown (3).

- After the screen is scrolled, the map remains centred at the selected location until another function is activated. The current position mark will continue to move along your actual route and may move off the screen. When the **“MAP/VOICE”** button is pressed, the current position mark returns to the centre of the screen and the map moves as the vehicle proceeds along the designated route.
- When the scroll feature is used, the current position mark may disappear from the screen. Press the **“MAP/VOICE”** button to display the current position on the map screen.

TO SET THE CURSOR POSITION AS A DESTINATION

A specific point on the map can be set as a destination using the scroll function.

1 Touch **“Enter ◎”**.

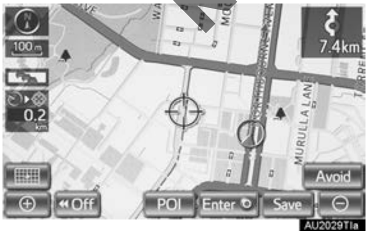


- The screen changes and displays the map location of the selected destination and the road preference. (See “STARTING ROUTE GUIDANCE” on page 74.)

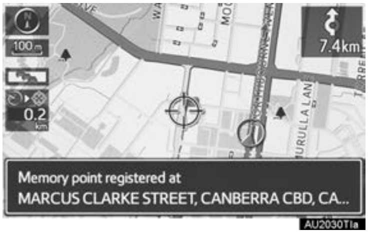
TO REGISTER THE CURSOR POSITION AS A MEMORY POINT

Memory point registration enables easy access to a specific point.

1 Touch **“Save”**.



2 This screen is displayed.


Memory point registered at
MARCUS CLARKE STREET, CANBERRA CBD, CA...

- The registered point is shown by ⚑ on the map.

- To change the icon or name, etc., see “EDITING MEMORY POINTS” on page 103.

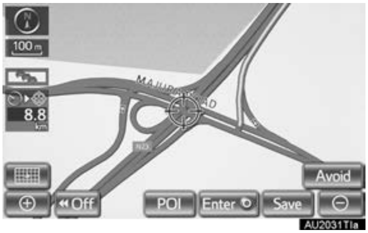
INFORMATION

- Up to 500 memory points can be registered. If there is an attempt to register more than 500 memory points, an error message will appear.

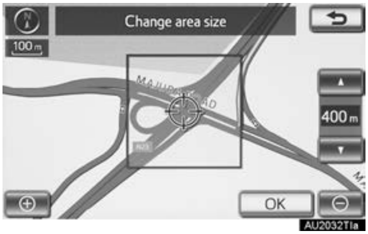
TO REGISTER THE CURSOR LOCATION AS AN AREA TO AVOID

A specific location on the map can be set as an area to avoid using the scroll function.

1 Touch **“Avoid”**.



2 Touch either ▲ or ▼ to change the size of the area to be avoided.

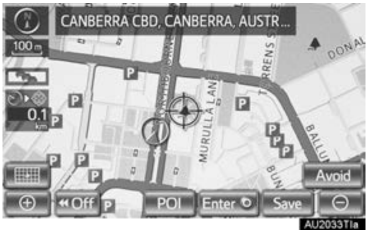


3 Touch **"OK"**.

INFORMATION

- If a destination is input in the area to avoid or the route calculation cannot be made without running through the area to avoid, a route passing through the area to be avoided may be shown.
- Up to 10 locations can be registered as areas to avoid. If there are 10 locations already registered, the following message will be displayed: "Unable to register additional points. Perform the operation again after deleting 1 or more points.".

TO SEE INFORMATION ABOUT THE ICON WHERE THE CURSOR IS SET

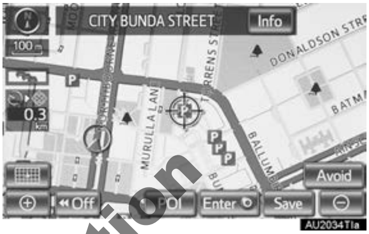


- To display information about an icon, set the cursor on it.

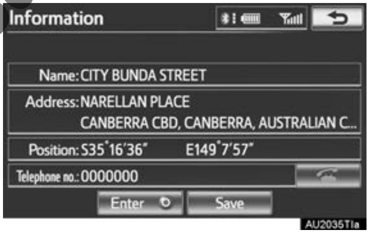
POI INFORMATION

When the cursor is set on a POI icon, the name and **"Info"** are displayed at the top of the screen.

1 Touch **"Info"**.



2 Information such as the name, address, position and telephone number are displayed.



Name: CITY BUNDA STREET
Address: NARELLAN PLACE
CANBERRA CBD, CANBERRA, AUSTRALIAN C...
Position: S35°16'36" E149°7'57"
Telephone no.: 0000000

- If **"Enter ◎"** is touched, the position of the cursor will be set as a destination.
- If there is already a set destination, **"Add to ◎"** and **"Replace ◎"** will be displayed.

"Add to ◎": Touch to add a destination.

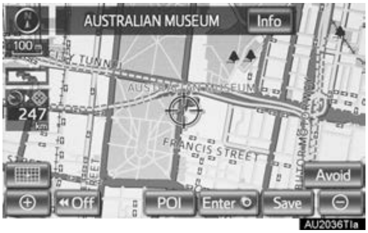
"Replace ◎": Touch to delete the existing destination(s) and set a new one.

- To register this POI as a memory point, touch **"Save"**. (See "REGISTERING MEMORY POINTS" on page 103.)
- If ☎ is touched, the registered telephone number can be called.
- The desired POI can be displayed on the map screen. (See "DISPLAY POI ICONS" on page 93.)

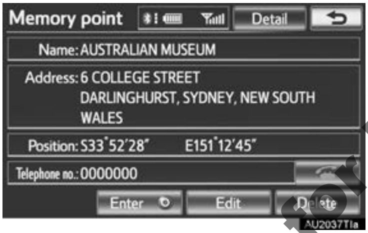
MEMORY POINT INFORMATION

When the cursor is set on a memory point icon, the name and **“Info”** are displayed at the top of the screen.

1 Touch **“Info”**.



2 Information such as the name, address, position and telephone number are displayed.



Name: AUSTRALIAN MUSEUM
Address: 6 COLLEGE STREET DARLINGHURST, SYDNEY, NEW SOUTH WALES
Position: S33°52'28" E151°12'45"
Telephone no.: 0000000

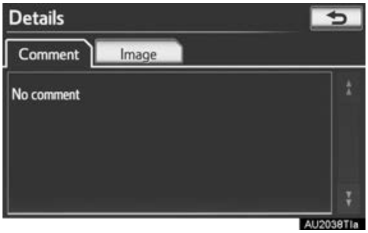
- If **“Enter ◎”** is touched, the position of the cursor will be set as a destination.
- If there is already a set destination, **“Add to ◎”** and **“Replace ◎”** will be displayed.

“Add to ◎”: Touch to add a destination.

“Replace ◎”: Touch to delete the existing destination(s) and set a new one.

- To edit a memory point, touch **“Edit”**. (See “EDITING MEMORY POINTS” on page 103.)
- To delete a memory point, touch **“Delete”**.
- If ☎ is touched, the registered telephone number can be called.

- If detailed memory point information or images are registered in the navigation system, touch **“Detail”** to view the information.



No comment

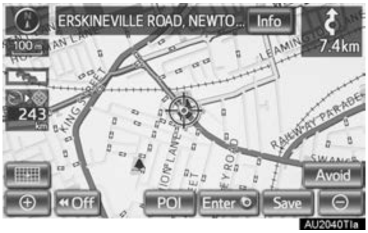
“Comment”: Touch to view detailed memory point information.

“Image”: Touch to view memory point images.

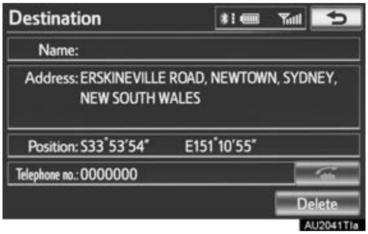
DESTINATION INFORMATION

When the cursor is set on a destination icon, the name and **“Info”** are displayed on the top of the screen.

1 Touch **“Info”**.



2 Information such as the name, address, position and telephone number are displayed.



Name:

Address: ERSKINEVILLE ROAD, NEWTOWN, SYDNEY, NEW SOUTH WALES

Position: S33°53'54" E151°10'55"

Telephone no.: 0000000

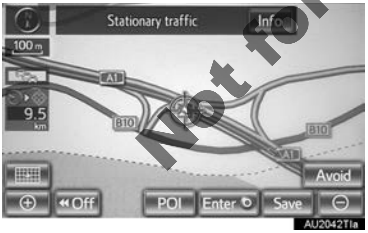
- To delete a destination, touch **"Delete"**.

- If ☎ is touched, the registered telephone number can be called.

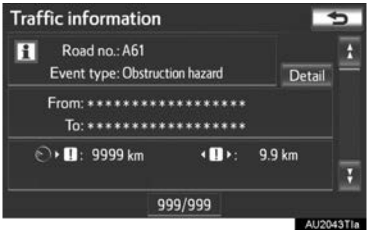
TRAFFIC INFORMATION

When the cursor is pointed to a traffic information icon while a traffic station is being received, the traffic information and **"Info"** are displayed.

1 Touch **"Info"**.



2 Traffic information will be displayed on the screen.



Road no.: A61

Event type: Obstruction hazard

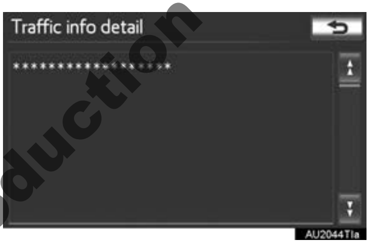
From: *****************

To: *****************

9999 km

9.9 km

- To display detailed traffic event information, touch **"Detail"**.



****

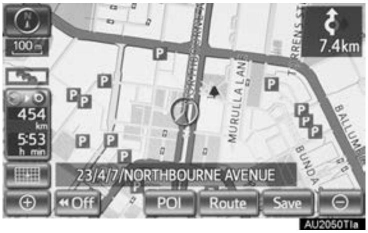
INFORMATION

- Even when traffic information is not currently being received, traffic information and **"Info"** will be displayed for a while after traffic information has been received.

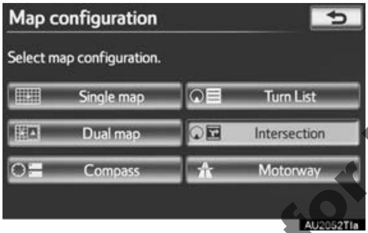
SWITCHING MAP CONFIGURATIONS

Any of the screen configurations can be selected.

1 Touch ▦.



2 Touch the screen buttons to select the desired configuration.


Map configuration

Select map configuration.

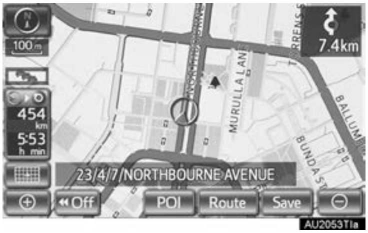
- Depending on the conditions, certain configuration screen buttons cannot be selected.

Screen button	Function
“Single map”	Touch to display the single map screen. (See page 39.)
“Dual map”	Touch to display the dual map screen. (See page 39.)
“Compass”	Touch to display the compass mode screen. (See page 40.)
“Turn List”	Touch to display the turn list screen. (See page 79.)
“Arrow”	Touch to display the arrow screen. (See page 79.)
“Intersection”	Touch to display the intersection guidance screen or the guidance screen on the motorway. (See page 78.)
“Motorway”	Touch to display the motorway information. (See page 77.)

SCREEN CONFIGURATIONS

SINGLE MAP

This is a regular map screen.

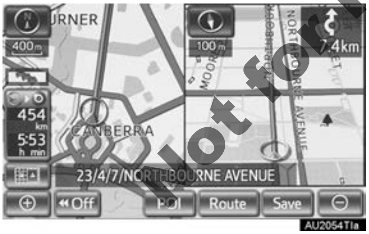


- The screen shows the single map.

- While on a different screen, touching **“Single map”** will display the single map screen.

DUAL MAP

The map screen can be split into two.



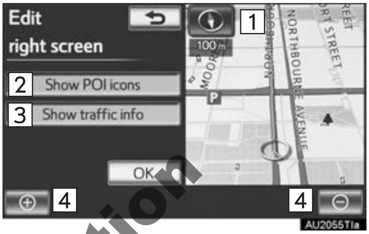
- This screen shows the dual map. The map on the left is the main map.

- While on a different screen, touching **“Dual map”** will display the dual map screen.

EDITING RIGHT MAP

The right side map can be edited by touching any specific point on the right side map.

1 Touch the desired screen button.



- The following procedures can be performed on this screen:

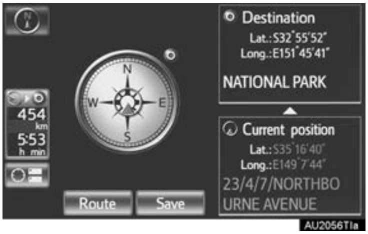
No.	Function
1	Changing the orientation of the map
2	Displaying POI icons
3	Showing traffic information (See page 84.)
4	Changing the map scale

2 Touch **“OK”** when editing is completed.

- The screen returns to the dual map screen.

COMPASS

The current position is indicated with a compass not with a map.



Destination
Lat.:S32°55'52"
Long.:E151°45'41"
NATIONAL PARK

Current position
Lat.:S35°16'40"
Long.:E149°7'44"
23/4/7/NORTHBOURNE AVENUE

- Information about the destination, current position and a compass is displayed on the screen.

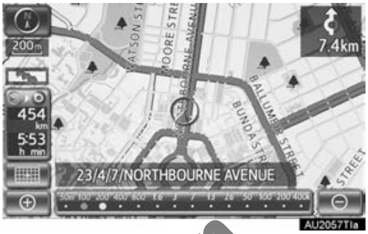
- While on a different screen, touching **"Compass"** will display the compass mode screen.

INFORMATION

- The destination mark is displayed in the direction of the destination. When driving, refer to the longitude and latitude coordinates, and the compass, to make sure that the vehicle is headed in the the direction of the destination.
- When the vehicle travels out of the coverage area, the guidance screen changes to the compass mode screen.

MAP SCALE

1 Touch ⊕ or ⊖ to change the scale of the map screen.



- The scale bar and indicator at the bottom of the screen indicates the map scale menu. The scale range is from 50 m to 400 km.
- Touch and hold ⊕ or ⊖ to continue changing the scale of the map screen.
- The scale of the map screen can be changed by touching the scale bar directly. This function is not available while driving.

INFORMATION

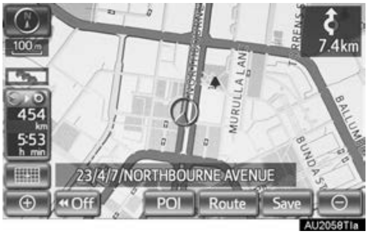
- The map scale is displayed under the north-up or heading-up symbol at the top left of the screen.
- When the map scale is at the maximum range of 400 km, ⊖ is not shown. When the map scale is at the minimum range of 50 m, ⊕ is not shown.

MAP ORIENTATION AND 3D MAP MODE

The orientation of the map can be changed between 2D north-up, 2D heading-up and 3D heading-up by touching the orientation symbol displayed at the top left of the screen.

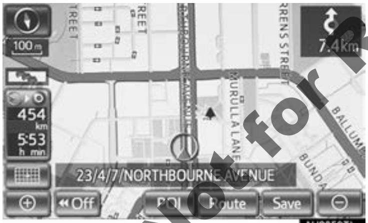
1 Touch , or .

▶North-up screen



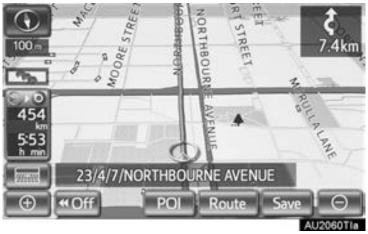
AU2058TIa

▶Heading-up screen



AU2059TIa

▶3D screen



AU2060TIa

: North-up symbol

Regardless of the direction of vehicle travel, north is always up.

: Heading-up symbol (When in 2D map mode)

The direction of vehicle travel is always up. A red arrow indicates north.

: Heading-up symbol (When in 3D map mode)

The direction of vehicle travel is always up. A red arrow indicates north.

- When in 3D map mode, only the heading up map orientation is available.

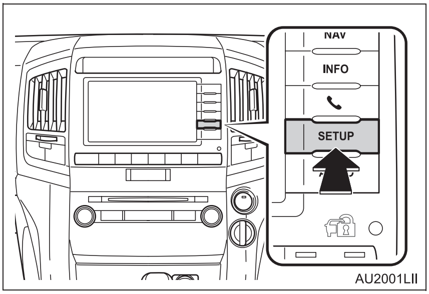
STANDARD MAP ICONS

Icon	Description
🏝	Island
🌲	Park
🏭	Industry
🏢	Business facility
✈	Airport
✪	Military
🎓	University
H	Hospital
🏟	Stadium
🛍	Shopping mall
⛳	Golf

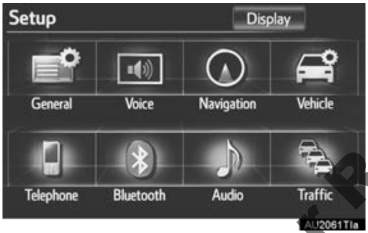
1. GENERAL SETTINGS

Used for the on/off settings of operation sounds, automatic screen change, etc.

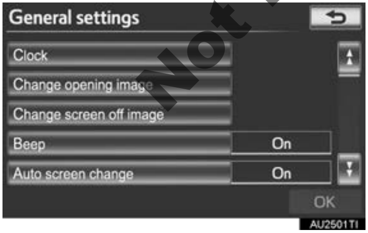
1 Press the **“SETUP”** button.



2 Touch **“General”**.



3 Touch the items to be set.

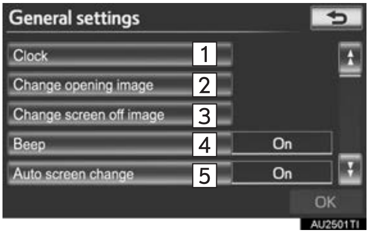


Beep On

Auto screen change On

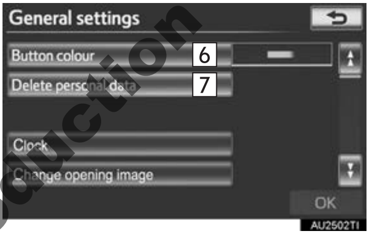
4 Touch **“OK”**.

SCREENS FOR GENERAL SETTINGS



Beep On

Auto screen change On



- On this screen, the following functions can be performed:

No.	Function
1	Touch to change the time zone, select **“On”** or **“Off”** for daylight saving time and automatic adjustment of the clock. (See “CLOCK SETTINGS” on page 44.)
2	Touch to customize the opening image. (See “CHANGING THE OPENING IMAGE” on page 46.)
3	Touch to customize the screen off image. (See “CHANGING THE SCREEN OFF IMAGE” on page 48.)
4	Touch to turn the sound beeps **“On”** or **“Off”**.

No.	Function
5	Touch to set automatic screen changes from the audio/air conditioning control screen to the previous screen to **“On”** or **“Off”**. If **“On”** is touched, the screen will automatically return to the previous screen from the audio/air conditioning control screen after 20 seconds.
6	Touch to change the screen button colour. (See “SELECTING A BUTTON COLOUR” on page 46.)
7	Touch to delete personal data. (See “DELETING PERSONAL DATA” on page 49.)

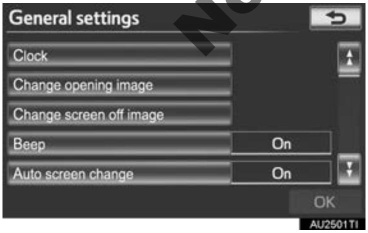
CLOCK SETTINGS

Used for changing time zones, the on/off settings of daylight saving time and automatic adjustment of the clock.

1 Press the **“SETUP”** button.

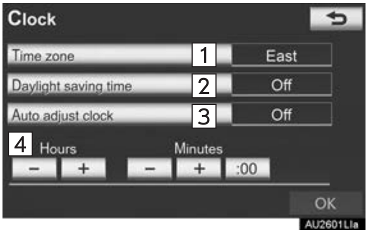
2 Touch **“General”** on the “Setup” screen.

3 Touch **“Clock”**.



Beep On
Auto screen change On

4 Touch the items to be set.



Time zone East
Daylight saving time Off
Auto adjust clock Off

- On this screen, the following functions can be performed:

No.	Function
1	Touch to change the time zone. (See “TIME ZONE” on page 45.)
2	Touch to select **“On”** or **“Off”** for daylight saving time.
3	Touch to select **“On”** or **“Off”** for automatic adjustment of the clock.
4	When **“Auto adjust clock”** is turned **“Off”**, the clock can be manually adjusted. (See “MANUAL CLOCK SETTING” on page 45.)

5 Touch **“OK”**.

TIME ZONE

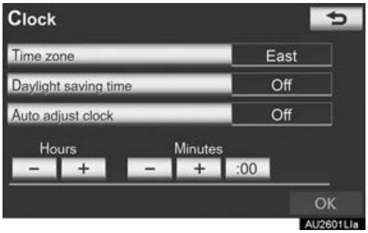
A time zone can be selected and GMT can be set.

1 Press the **“SETUP”** button.

2 Touch **“General”** on the “Setup” screen.

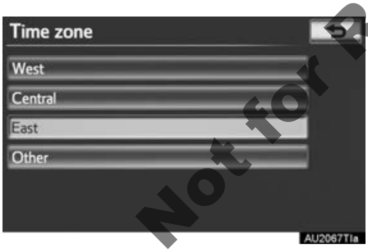
3 Touch **“Clock”** on the “General settings” screen.

4 Touch **“Time zone”**.

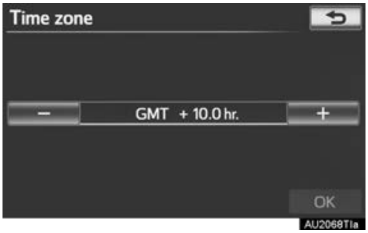


Time zone East
Daylight saving time Off
Auto adjust clock Off

5 Touch the desired time zone.



- If **“Other”** is touched, the zone can be adjusted manually. Touch **“+”** or **“-”** to adjust the time zone and then touch **“OK”**.



GMT + 10.0 hr.

6 Touch **“OK”**.

MANUAL CLOCK SETTING

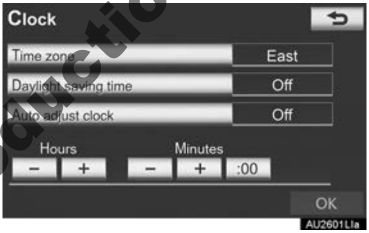
When **“Auto adjust clock”** is turned **“Off”**, the clock can be manually adjusted.

1 Press the **“SETUP”** button.

2 Touch **“General”** on the “Setup” screen.

3 Touch **“Clock”** on the “General settings” screen.

4 Touch the items to be set.



Time zone East
Daylight saving time Off
Auto adjust clock Off

Screen button	Function
Hours “+”, “-”	Touch **“+”** to set the time forward one hour and **“-”** to set the time back one hour.
Minutes “+”, “-”	Touch **“+”** to set the time forward one minute and **“-”** to set the time back one minute.
Minutes “:00”	Rounds to the nearest hour*.

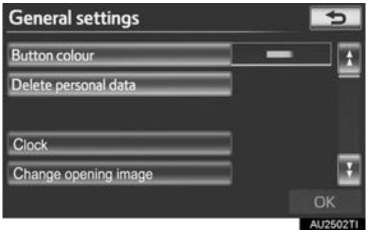
*: e.g. 1:00 to 1:29 → 1:00
1:30 to 1:59 → 2:00

5 Touch **“OK”**.

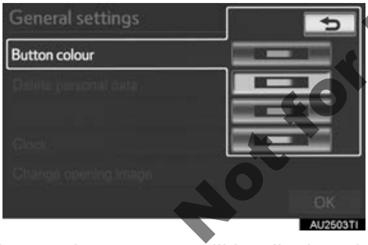
SELECTING A BUTTON COLOUR

The colour of the screen buttons can be changed.

1. Press the **“SETUP”** button.
2. Touch **“General”** on the “Setup” screen.
3. Touch **“Button colour”**.



4. Touch the desired screen button colour.



- The previous screen will be displayed.

5. Touch **“OK”**.

CHANGING THE OPENING IMAGE

When the “ENGINE START STOP” switch is in ACCESSORY or IGNITION ON mode, the initial screen will be displayed.

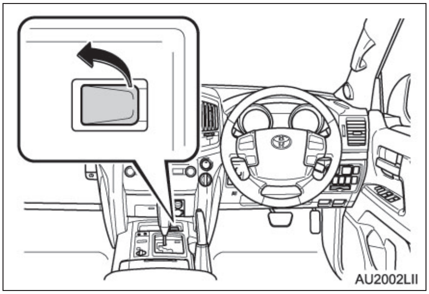
An image can be copied from a USB memory and used as the startup image. (For information regarding the opening image, see “INITIAL SCREEN” on page 24.)

INFORMATION

- When saving the images to a USB, name the folder that the startup image is saved to “StartupImage” and name the folder that the screen off image is saved to “DisplayOffImage”. If these folder names are not used, the navigation system cannot download the images. (The folder names are case sensitive.)
- The images file extension is JPG or JPEG.
- The images file name, including the file extension, can be up to 32 characters.
- Image files of 10 MB or less can be saved.
- Up to 3 images can be downloaded.

TRANSFERRING DATA

1 Open the cover and connect a USB memory.

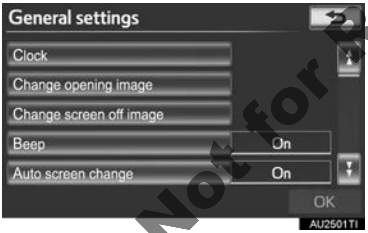


- Turn on the power of the USB memory if it is not turned on.

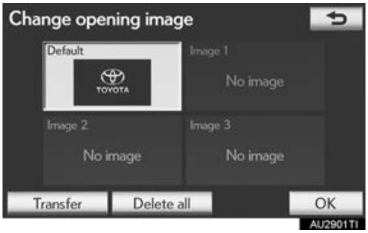
2 Press the **“SETUP”** button.

3 Touch **“General”** on the “Setup” screen.

4 Touch **“Change opening image”**.



5 Touch **“Transfer”**.



6 Touch **“Yes”**.

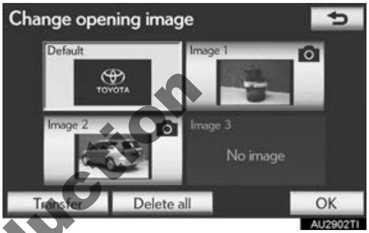
SETTING THE OPENING IMAGE

1 Press the **“SETUP”** button.

2 Touch **“General”** on the “Setup” screen.

3 Touch **“Change opening image”** on the “General settings” screen.

4 Touch the desired image.



5 Touch **“OK”**.

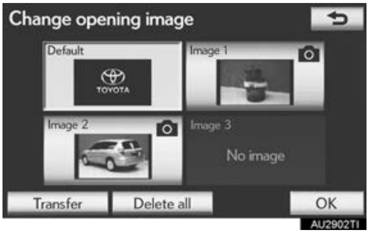
DELETING TRANSFERRED IMAGES

1 Press the **“SETUP”** button.

2 Touch **“General”** on the “Setup” screen.

3 Touch **“Change opening image”** on the “General settings” screen.

4 Touch **“Delete all”**.



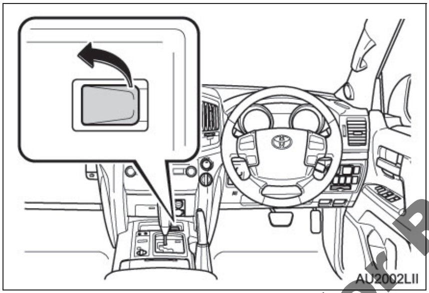
5 Touch **“Yes”**.

CHANGING THE SCREEN OFF IMAGE

Touch **“Screen off”** to turn off the screen. An image can be copied from a USB memory and can be set to display when **“Screen off”** is touched. (For more information on **“Screen off”**, see “SCREEN ADJUSTMENT” on page 31.)

TRANSFERRING DATA

1 Open the cover and connect a USB memory.

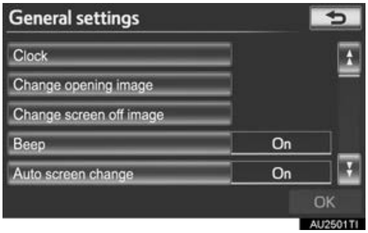


- Turn on the power of the USB memory if it is not turned on.

2 Press the **“SETUP”** button.

3 Touch **“General”** on the “Setup” screen.

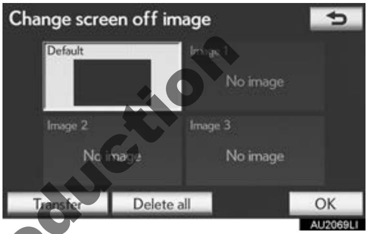
4 Touch **“Change screen off image”**.



Beep On

Auto screen change On

5 Touch **“Transfer”**.



6 Touch **“Yes”**.

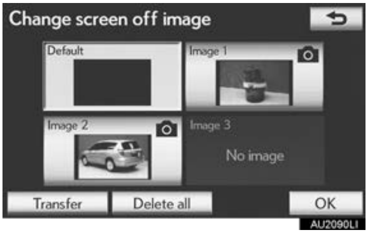
SETTING THE SCREEN OFF IMAGE

1 Press the **“SETUP”** button.

2 Touch **“General”** on the “Setup” screen.

3 Touch **“Change screen off image”** on the “General settings” screen.

4 Touch the desired image.



5 Touch **“OK”**.

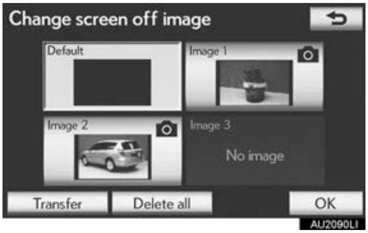
DELETING TRANSFERRED IMAGES

1 Press the **“SETUP”** button.

2 Touch **“General”** on the “Setup” screen.

3 Touch **“Change screen off image”** on the “General settings” screen.

4 Touch **“Delete all”**.



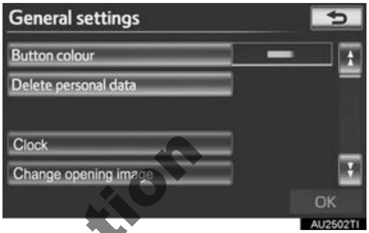
5 Touch **“Yes”**.

DELETING PERSONAL DATA

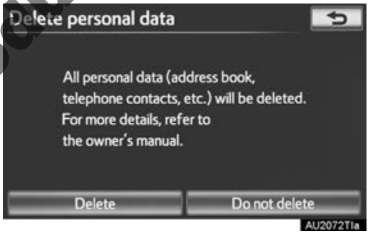
1 Press the **“SETUP”** button.

2 Touch **“General”** on the “Setup” screen.

3 Touch **“Delete personal data”**.



4 Touch **“Delete”**.



All personal data (address book, telephone contacts, etc.) will be deleted. For more details, refer to the owner’s manual.

5 Touch **“Yes”**.

- The following personal data can be deleted or returned to their default settings:
  - Maintenance conditions
  - Maintenance information off setting
  - Memory point
  - Password settings for backing up and copying memory points
  - Areas to avoid
  - Previous points
  - Route guidance
  - Route trace
  - Phonebook data
  - Call history data
  - Speed dial data
  - Bluetooth® phone data
  - Telephone sound settings
  - Telephone display settings
  - Audio setting
  - Bluetooth® audio setting
  - Opening image data
  - Screen off image data

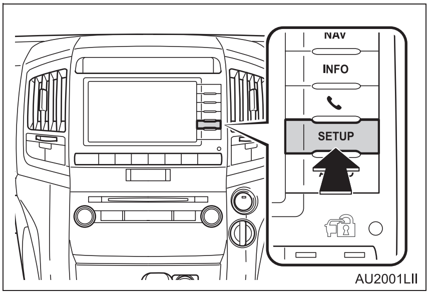
INFORMATION

- This function is not available while driving.

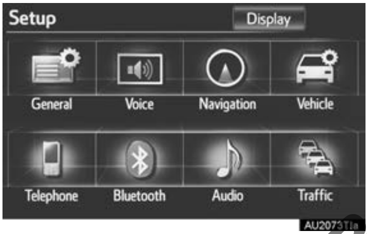
2. VOICE SETTINGS

Voice guidance etc. can be set.

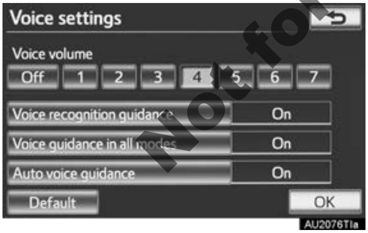
1 Press the **“SETUP”** button.



2 Touch **“Voice”**.



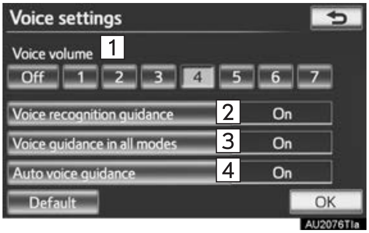
3 Touch the items to be set.



Voice recognition guidance On
Voice guidance in all modes On
Auto voice guidance On

4 Touch **“OK”**.

SCREEN FOR VOICE SETTINGS



Voice recognition guidance On
Voice guidance in all modes On
Auto voice guidance On

- On this screen, the following functions can be performed:

No.	Function
1	The voice guidance volume can be adjusted or switched off. (See “VOICE VOLUME” on page 52.)
2	Voice recognition guidance can be set to **“On”** or **“Off”**. This setting can also be changed on the “Main menu” screen. (See page 296.)
3	Voice guidance during audio/video and/or air conditioning system use can be set to **“On”** or **“Off”**.
4	Voice guidance during route guidance can be set to **“On”** or **“Off”**.

- To reset all setup items, touch **“Default”**.

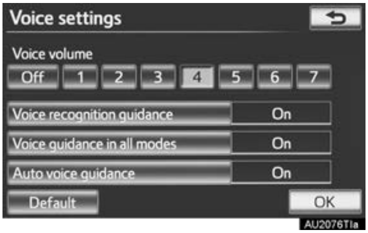
VOICE VOLUME

The voice guidance volume can be adjusted or switched off.

1 Press the **“SETUP”** button.

2 Touch **“Voice”** on the “Setup” screen.

3 Select the desired level by touching the appropriate number.



- If voice guidance is not needed, touch **“Off”** to disable the feature.

4 Touch **“OK”**.

1 DESTINATION SEARCH

2 ROUTE GUIDANCE

*: Point of Interest

3

NAVIGATION SYSTEM

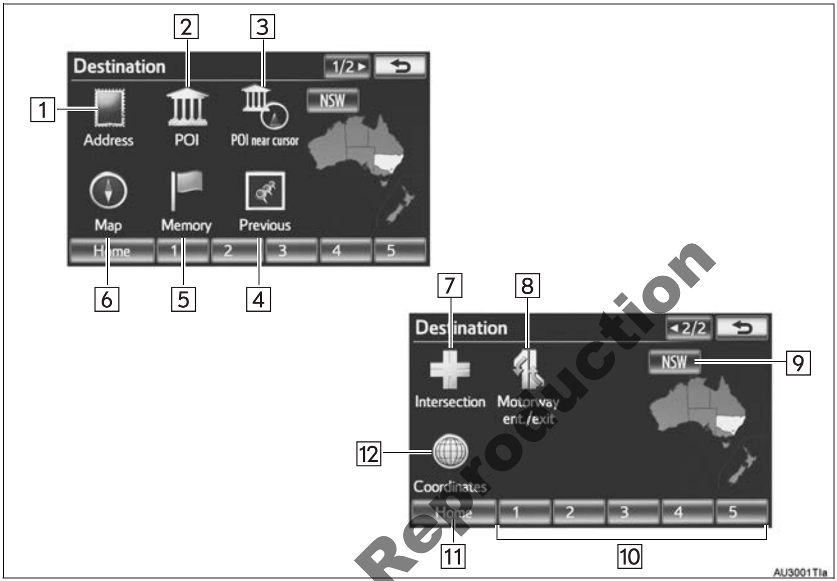
3 MEMORY POINTS

4 SETUP

5 GPS (GLOBAL POSITIONING SYSTEM)

1. QUICK REFERENCE

The “Destination” screen enables a destination search. Press the **“NAV”** button to display the “Navigation menu” screen. Then touch **“Destination”** to display the “Destination” screen.

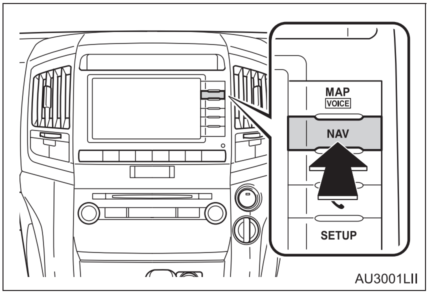


No.	Name	Function	Page
1	“Address”	Touch to input a house number and the street address using the input keys.	61
2	“POI”	Touch to select one of the Points of Interest that have already been stored in the system’s database.	64
3	“POI near cursor”	Touch to set the destination by selecting the search point and the POI category.	67
4	“Previous”	Touch to select a destination from any of the last 100 previously set destinations and from the previous starting point.	71
5	“Memory”	Touch to select the desired location from registered memory points. (To register memory points, see “REGISTERING MEMORY POINTS” on page 103.)	70

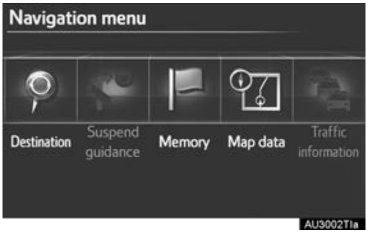
No.	Name	Function	Page
6	“Map”	Touch to enable setting a destination by touching a location on the map screen.	70
7	“Intersection”	Touch to enter the names of 2 intersecting streets. This is helpful if only the general vicinity, not the specific address, is known.	71
8	“Motorway ent./exit”	Touch to enter the names of a motorway entrance or exit.	72
9	Search area screen button	Touch to change the search area.	58
10	Quick access screen button	Touch to select one of the 5 quick access as a destination. To use this function, it is necessary to set quick access screen buttons. (To register a quick access, see “REGISTERING QUICK ACCESS” on page 100.)	60
11	“Home”	Touch to select your personal home address without having to enter the address each time. If a home address has not been registered, a message will be displayed and the setting screen will automatically appear. (To register home, see “REGISTERING HOME” on page 97.)	60
12	“Coordinates”	Touch to enter latitude and longitude coordinates.	73

2. DESTINATION SEARCH

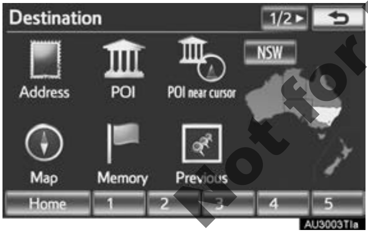
1 Press the **“NAV”** button.



2 Touch **“Destination”**.



3 This screen is displayed.



- One of 11 different methods can be used to search a destination. (See pages 58 through 73.)

INFORMATION

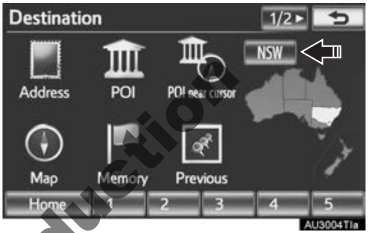
- When searching a destination, the response to the screen button may be slow.

SELECTING THE SEARCH AREA

1 Press the **“NAV”** button.

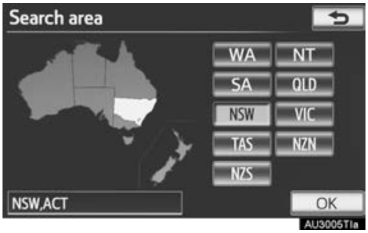
2 Touch **“Destination”** on the “Navigation menu” screen.

3 Touch the search area screen button to display a map.



- For map database information and updates, see “MAP DATABASE VERSION AND COVERED AREA” on page 134.

4 Select the desired search area.

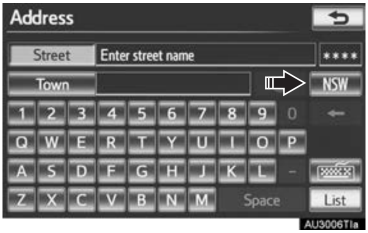


5 Touch **“OK”** and the “Destination” screen will be displayed.

SELECTING THE SEARCH AREA ON THE INPUT SCREEN

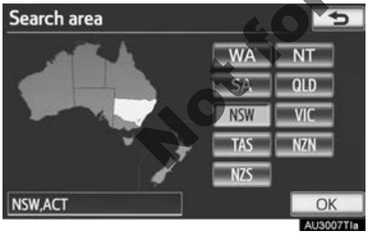
To set a destination from a different area, change the search area by using **“Address”**, **“POI”**, **“Motorway ent./exit”** or **“Intersection”**.

1 Touch the search area screen button on the input screen to display a map.



- For map database information and updates, see “MAP DATABASE VERSION AND COVERED AREA” on page 134.

2 Select the desired search area.



Screen button	Countries, states or territories
“WA”	Western Australia, Australia
“NT”	Northern Territory, Australia
“SA”	South Australia, Australia
“QLD”	Queensland, Australia
“NSW”	New South Wales, Australia Australian Capital Territory (ACT), Australia
“VIC”	Victoria, Australia
“TAS”	Tasmania, Australia
“NZN”	Northern Island, New Zealand
“NZS”	Southern Island, New Zealand

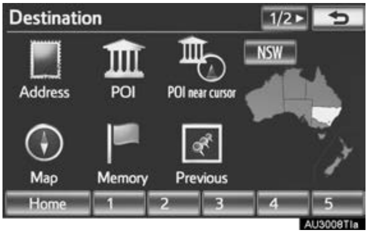
3 Touch **“OK”** and the previous screen will be displayed.

DESTINATION SEARCH BY HOME

1 Press the **“NAV”** button.

2 Touch **“Destination”** on the “Navigation menu” screen.

3 Touch **“Home”**.



- The screen changes and displays the map location for the registered home address and the road preference. (See “STARTING ROUTE GUIDANCE” on page 74.)

- To use this function, it is necessary to set a home address. (To register home, see page 97.)

INFORMATION

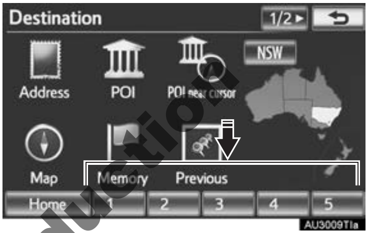
- If a home address has not been registered, a message will be displayed and the setting screen will automatically appear.
- Guidance starts from the current position to the set home address if **“Enter”** is touched even while driving.

DESTINATION SEARCH BY QUICK ACCESS

1 Press the **“NAV”** button.

2 Touch **“Destination”** on the “Navigation menu” screen.

3 Touch any of the quick access screen buttons (**1**-**5**).



- The screen changes and displays the map location of the quick access and the road preference. (See “STARTING ROUTE GUIDANCE” on page 74.)

- To use this function, it is necessary to set quick access to the quick access screen buttons (**1**-**5**). (See “REGISTERING QUICK ACCESS” on page 100.)

INFORMATION

- If a quick access has not been registered, a message confirming if it is desirable to set a quick access will be displayed.
- Guidance starts from the current position to the preset destination point if **“Enter”** is touched even while driving.

DESTINATION SEARCH BY “Address”

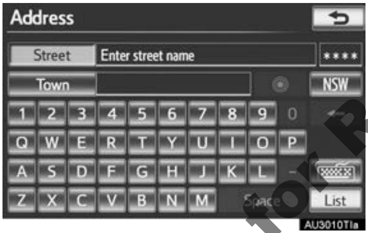
Searching for a destination using an address can be performed by one of the 2 methods shown below:
(a) Inputting a street name
(b) Selecting a town to search

1 Press the **“NAV”** button.

2 Touch **“Destination”** on the “Navigation menu” screen.

3 Touch **“Address”** on the “Destination” screen.

4 Input the street name or touch **“Town”** to search a town.



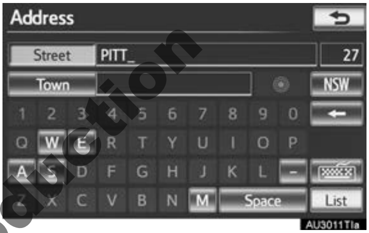
INPUTTING A STREET NAME

1 Press the **“NAV”** button.

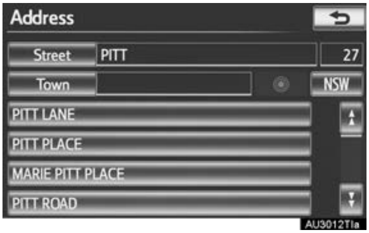
2 Touch **“Destination”** on the “Navigation menu” screen.

3 Touch **“Address”** on the “Destination” screen.

4 Input the street name and touch **“List”**.

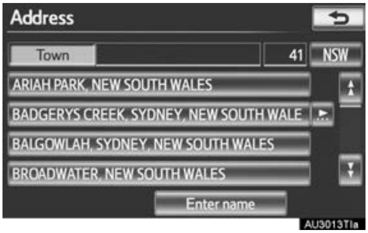


5 Touch the screen button of the desired street name from the displayed list.



- If the same address exists in more than 1 town, a screen requesting the town name to be input or selected will be displayed.

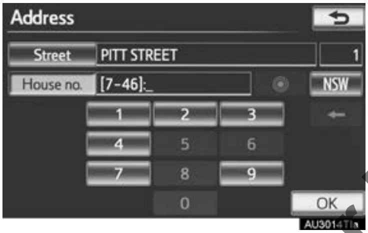
6 Touch or enter the desired town.


Address
Town
41
NSW
ARIAH PARK, NEW SOUTH WALES
BADGERYS CREEK, SYDNEY, NEW SOUTH WALE
BALGOWLAH, SYDNEY, NEW SOUTH WALES
BROADWATER, NEW SOUTH WALES
Enter name
AU3013TIa

“Enter name”: Touch to narrow down the listed items by inputting the town name.

- If an address’s house number has more than 1 prefix, the selection screen will be displayed. Touch the desired house number.

7 Input the house number.



- If the house number list screen appears, an address range on that screen can be selected.
- The screen changes and displays the map location of the selected destination and the road preference. (See “STARTING ROUTE GUIDANCE” on page 74.)

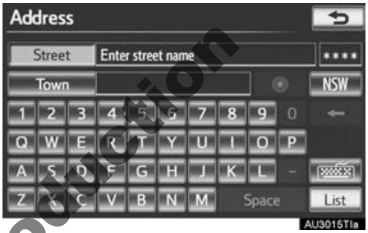
SELECTING A TOWN TO SEARCH

1 Press the **“NAV”** button.

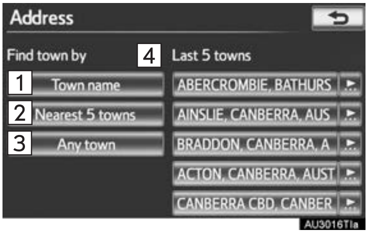
2 Touch **“Destination”** on the “Navigation menu” screen.

3 Touch **“Address”** on the “Destination” screen.

4 Touch **“Town”**.



5 Touch the desired screen button.

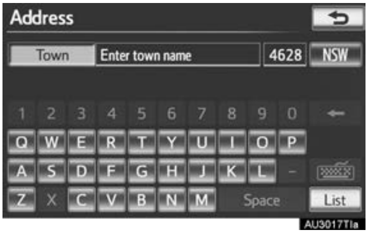


- On this screen, the following operations can be performed:

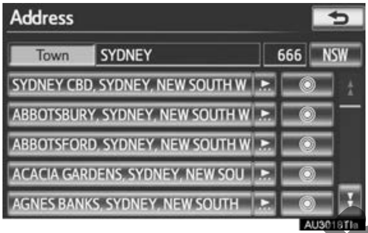
No.	Function
1	Input the town name
2	Select from the nearest 5 towns
3	Cancel the town setting
4	Select from the last 5 towns

INPUTTING THE TOWN NAME

1. Touch **“Town name”**.
2. Input the town name.



3. Touch the screen button of the desired town name from the displayed list.

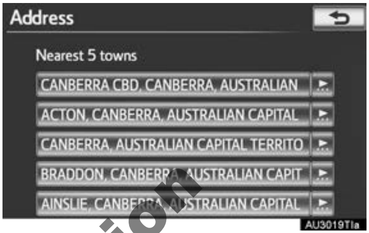

Address
Town
SYDNEY
666
NSW
SYDNEY CBD, SYDNEY, NEW SOUTH W
ABBOTSBURY, SYDNEY, NEW SOUTH W
ABBOTSFORD, SYDNEY, NEW SOUTH W
ACACIA GARDENS, SYDNEY, NEW SOU
AGNES BANKS, SYDNEY, NEW SOUTH
AU3018TIa

◎ : Touch to display the selected destination and the road preference. (See “STARTING ROUTE GUIDANCE” on page 74.)

- The current screen changes to the screen for inputting a street name. After inputting a street name, the screen may change to the screen for inputting a house number or a street map.

SELECTING FROM THE NEAREST 5 TOWNS

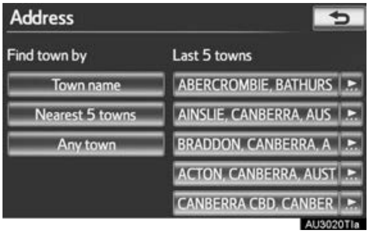
1. Touch **“Nearest 5 towns”**.
2. Touch the screen button of the desired town name from the displayed list.


Address
Nearest 5 towns
CANBERRA CBD, CANBERRA, AUSTRALIAN
ACTON, CANBERRA, AUSTRALIAN CAPITAL
CANBERRA, AUSTRALIAN CAPITAL TERRITO
BRADDON, CANBERRA, AUSTRALIAN CAPIT
AINSLIE, CANBERRA, AUSTRALIAN CAPITAL
AU3019TIa

- The current screen changes to the screen for inputting a street name. After inputting a street name, the screen may change to the screen for inputting a house number or a street map.

SEARCHING FROM THE LAST 5 TOWNS

1. Touch the screen button of the desired town name.



- If the navigation system has not been used, no towns will be displayed on the screen.
- The current screen changes to the screen for inputting a street name. After inputting a street name, the screen may change to the screen for inputting a house number or a street map.

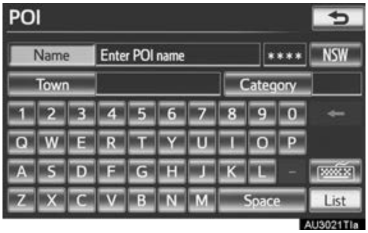
DESTINATION SEARCH BY "POI"

1 Press the **"NAV"** button.

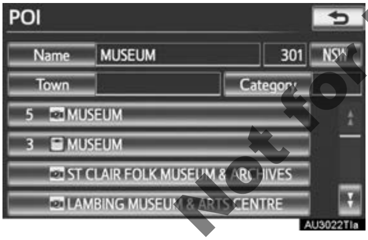
2 Touch **"Destination"** on the "Navigation menu" screen.

3 Touch **"POI"** on the "Destination" screen.

4 Input the name of the POI.



5 Touch the screen button of the desired destination.



MUSEUM 301

5 MUSEUM

3 MUSEUM

ST CLAIR FOLK MUSEUM & ARCHIVES

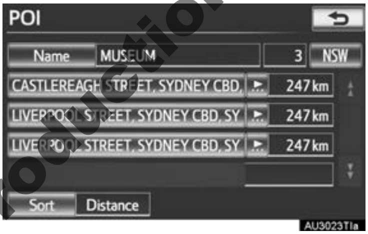
LAMBING MUSEUM & ARTS CENTRE

- The screen changes and displays the map location of the selected destination and the road preference. (See "STARTING ROUTE GUIDANCE" on page 74.)

- If the same name exists in more than 1 town, a search can be performed more easily using **"Town"** or **"Category"**. (See "SELECTING A TOWN TO SEARCH" on page 65 and "SELECTING FROM THE CATEGORIES" on page 66.)

▶When inputting the name of a specific POI, and there are 2 or more sites with the same name, the list screen is displayed.

1 Touch the screen button of the desired destination.



MUSEUM 3

CASTLEREAGH STREET, SYDNEY CBD, 247 km

LIVERPOOL STREET, SYDNEY CBD, SY 247 km

LIVERPOOL STREET, SYDNEY CBD, SY 247 km

- The desired POI can be displayed on the map screen. (See "DISPLAY POI ICONS" on page 93.)

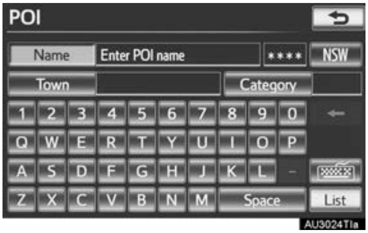
SELECTING A TOWN TO SEARCH

1 Press the **"NAV"** button.

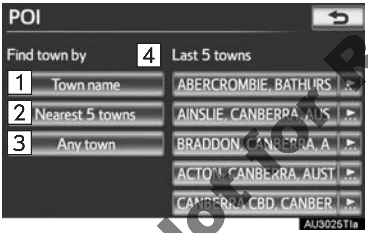
2 Touch **"Destination"** on the "Navigation menu" screen.

3 Touch **"POI"** on the "Destination" screen.

4 Touch **"Town"**.



5 Touch the desired screen button.



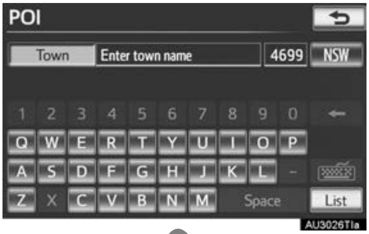
- On this screen, the following operations can be performed:

No.	Function
1	Input the town name
2	Select from the nearest 5 towns
3	Cancel the town setting
4	Select from the last 5 towns

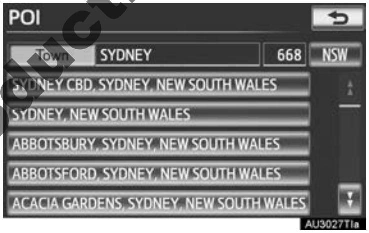
INPUTTING THE TOWN NAME

1 Touch **"Town name"**.

2 Input the town name.



3 Touch the screen button of the desired town name from the displayed list.

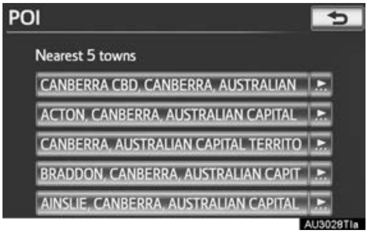

POI
Town
SYDNEY
668
NSW
SYDNEY CBD, SYDNEY, NEW SOUTH WALES
SYDNEY, NEW SOUTH WALES
ABBOTSBURY, SYDNEY, NEW SOUTH WALES
ABBOTSFORD, SYDNEY, NEW SOUTH WALES
ACACIA GARDENS, SYDNEY, NEW SOUTH WALES
AU3027TIa

- The current screen changes to the screen for inputting the name of the POI. After inputting the name of the POI, the POI name list screen may be displayed.

SELECTING FROM THE NEAREST 5 TOWNS

1 Touch **“Nearest 5 towns”**.

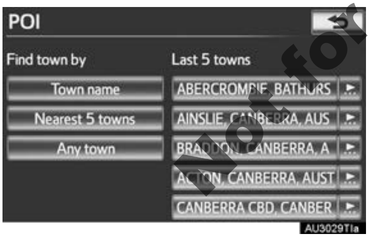
2 Touch the screen button of the desired town name.


POI
Nearest 5 towns
CANBERRA CBD, CANBERRA, AUSTRALIAN
ACTON, CANBERRA, AUSTRALIAN CAPITAL
CANBERRA, AUSTRALIAN CAPITAL TERRITO
BRADDON, CANBERRA, AUSTRALIAN CAPIT
AINSLIE, CANBERRA, AUSTRALIAN CAPITAL
AU3028TIa

- The current screen changes to the screen for inputting the name of the POI. After inputting the name of the POI, the POI name list screen may be displayed.

SEARCHING FROM THE LAST 5 TOWNS

1 Touch the screen button of the desired town name.



- The current screen changes to the screen for inputting the name of the POI. After inputting the name of the POI, the POI name list screen may be displayed.
- If the navigation system has not been used, no towns will be displayed on the screen.

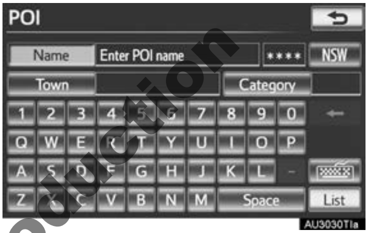
SELECTING FROM THE CATEGORIES

1 Press the **“NAV”** button.

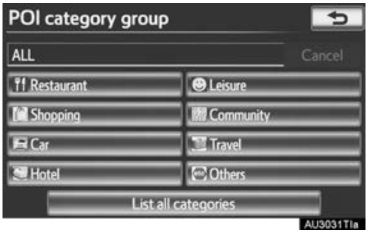
2 Touch **“Destination”** on the “Navigation menu” screen.

3 Touch **“POI”** on the “Destination” screen.

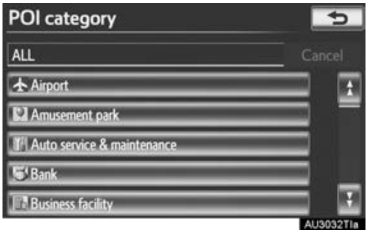
4 Touch **“Category”**.



5 This screen is displayed.



- If the desired POI category is on the screen, touch its screen button to display a detailed list of the POI category.
- If the desired POI category is not on the screen, touch **“List all categories”** to list all POI categories.



- When the desired category is touched, the POI name list screen is displayed.

DESTINATION SEARCH BY “POI near cursor”

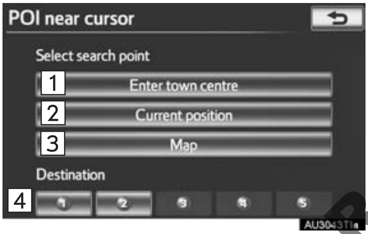
The destination can be set by selecting the search point and the POI category.

1 Press the **“NAV”** button.

2 Touch **“Destination”** on the “Navigation menu” screen.

3 Touch **“POI near cursor”** on the “Destination” screen.

4 Set the search point by one of the following methods.



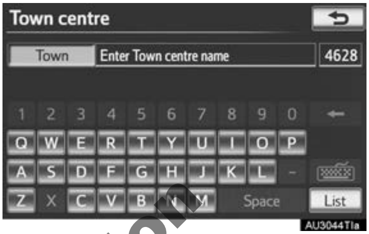
No.	Function
1	Enter the town centre
2	Set the current position as the search point
3	Set the search point via the map
4	Set the search point from any destination

- It is possible to display the names of POIs located within approximately 30 km from the selected search point.

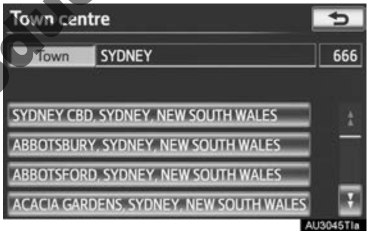
INPUTTING THE TOWN CENTRE

1 Touch **“Enter town centre”**.

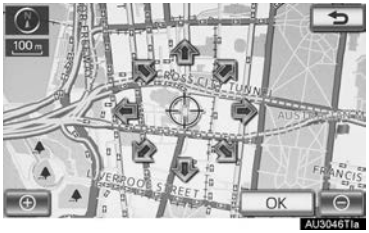
2 Input the town centre name.



3 Touch the screen button of the desired town centre name.


Town centre
Town
SYDNEY
666
SYDNEY CBD, SYDNEY, NEW SOUTH WALES
ABBOTSBURY, SYDNEY, NEW SOUTH WALES
ABBOTSFORD, SYDNEY, NEW SOUTH WALES
ACACIA GARDENS, SYDNEY, NEW SOUTH WALES
AU3045TIa

4 When an arrow facing the desired point is touched, the map scrolls in that direction.



- The scroll stops when the selection of the arrow is released.

5 Touch **“OK”**.

- The search point is set and the “POI near cursor” screen will be displayed.

SETTING THE CURRENT POSITION AS THE SEARCH POINT

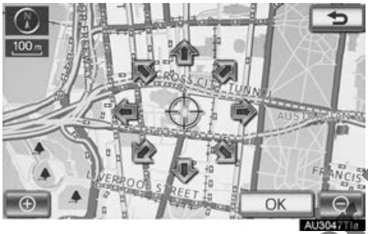
1 Touch **“Current position”**.

- The search point is set at the current position, and the “POI near cursor” screen is displayed.

SETTING THE SEARCH POINT VIA THE MAP

1 Touch **“Map”**.

2 When an arrow facing the desired point is touched, the map scrolls in that direction.



- The scroll stops when the selection of the arrow is released.

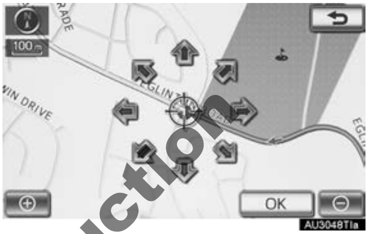
3 Touch **“OK”**.

- The search point is set and the “POI near cursor” screen will be displayed.

SETTING THE SEARCH POINT FROM DESTINATIONS

1 Touch one of the destination screen buttons at the bottom of the screen.

2 When an arrow facing the desired point is touched, the map scrolls in that direction.



- The scroll stops when the selection of the arrow is released.

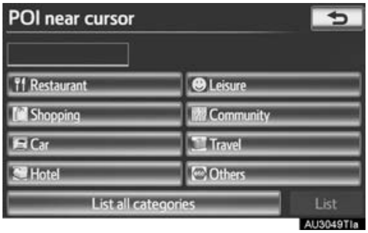
3 Touch **“OK”**.

- The search point is set and the “POI near cursor” screen will be displayed.

TO SEARCH FOR POIs NEAR THE SEARCH POINT

When the search point is set, the “POI near cursor” screen will be displayed.

1 Select the desired POI categories.

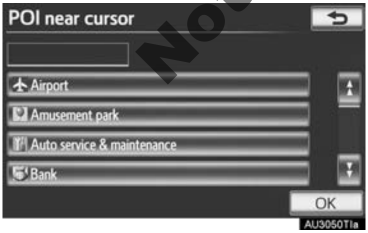


“List”: If the desired POI categories have already been selected, a list of POI will be displayed from among the selected categories.

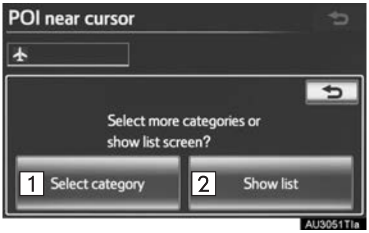
- The selected category’s icon will appear on the top left of the screen.

▶If the desired POI category is not on the screen, touch **“List all categories”** to list all POI categories.

1 Select the desired POI categories from the list and touch **“OK”**.

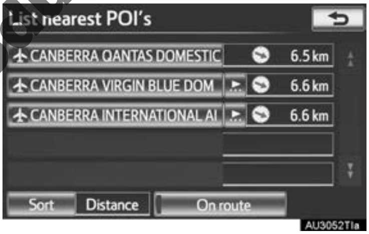


- The selected category’s icon will appear on the top left of the screen.



Select more categories or show list screen?

No.	Function
1	Touch to return to the POI category selection screen.
2	Touch to display the list of POIs in the selected categories.



- By touching the screen button of the desired item, the screen changes and displays the map location of the selected destination and the road preference. (See “STARTING ROUTE GUIDANCE” on page 74.)
- The direction arrows of POIs are displayed only when the current position is set as the search point.

“On route”: When the indicator is illuminated by touching this screen button, the list of the items searched along the route is displayed.

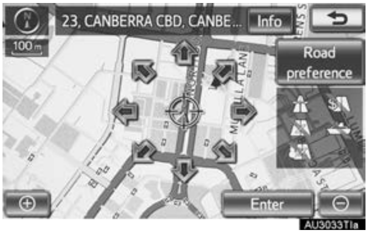
DESTINATION SEARCH BY “Map”

1 Press the **“NAV”** button.

2 Touch **“Destination”** on the “Navigation menu” screen.

3 Touch **“Map”** on the “Destination” screen.

4 Scroll the map to the desired point.



5 Touch **“Enter”**.

- The navigation system performs a search for the route. (See “STARTING ROUTE GUIDANCE” on page 74.)

INFORMATION

- Guidance starts if **“Enter”** is touched even while driving. However, the cursor cannot be moved.

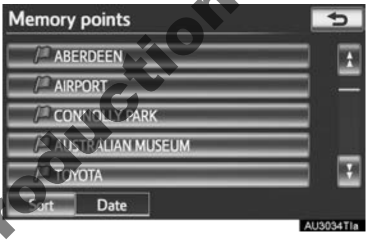
DESTINATION SEARCH BY “Memory”

1 Press the **“NAV”** button.

2 Touch **“Destination”** on the “Navigation menu” screen.

3 Touch **“Memory”** on the “Destination” screen.

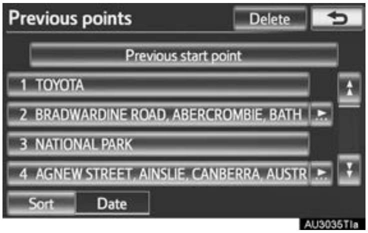
4 Touch the screen button of the desired memory point.



- A list of registered memory points is displayed.
- The screen changes and displays the map location of the selected destination and the road preference. (See “STARTING ROUTE GUIDANCE” on page 74.)

DESTINATION SEARCH BY “Previous”

1. Press the **“NAV”** button.
2. Touch **“Destination”** on the “Navigation menu” screen.
3. Touch **“Previous”** on the “Destination” screen.
4. Touch the screen button of the desired destination.



- The previous starting point and up to 100 previously set destinations are displayed on the screen.

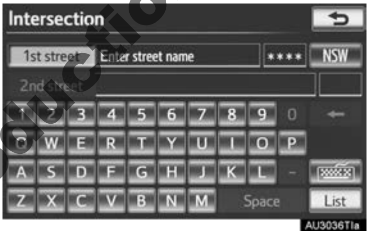
“Delete”: Touch to delete the previous destination. (To delete previous destinations, see page 114.)

- The screen changes and displays the map location of the selected destination and the road preference. (See “STARTING ROUTE GUIDANCE” on page 74.)

- The list of previous destinations can also be deleted by touching **“Delete previous points”** on the “Memory point” screen when the vehicle is stopped. (See “DELETING PREVIOUS DESTINATIONS” on page 114.)

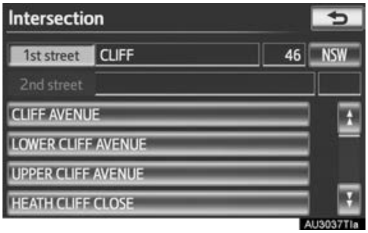
DESTINATION SEARCH BY “Intersection”

1. Press the **“NAV”** button.
2. Touch **“Destination”** on the “Navigation menu” screen.
3. Touch **“Intersection”** on the second page of the “Destination” screen.
4. Input the name of the 2 intersecting streets which are located near the destination to be set.



5. Touch **“List”**.

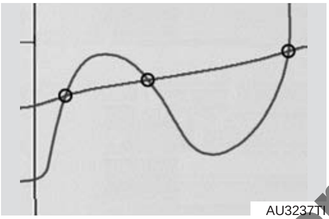
6 Touch the screen button of the desired item.



1st street CLIFF 46 NSW

- After inputting the 2 intersecting streets, the screen changes and displays the map location of the selected destination and the road preference. (See “STARTING ROUTE GUIDANCE” on page 74.)

INFORMATION



- If the same 2 streets cross at more than 1 intersection, the screen changes and displays the menu to select the town name where the streets intersect. Select the town, and the map location of the selected destination and the road preference. (See “STARTING ROUTE GUIDANCE” on page 74.)

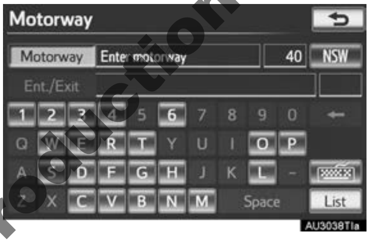
DESTINATION SEARCH BY “Motorway ent./exit”

1 Press the **“NAV”** button.

2 Touch **“Destination”** on the “Navigation menu” screen.

3 Touch **“Motorway ent./exit”** on the second page of the “Destination” screen.

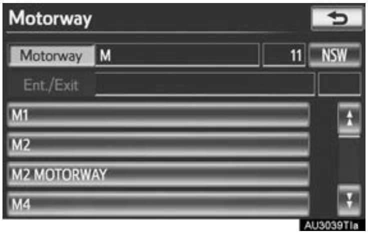
4 Input a motorway name.



Motorway Enter motorway 40 NSW

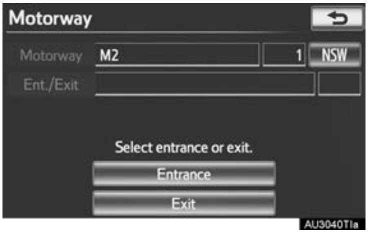
- Be sure to use the complete name of the motorway when entering the destination.

5 Touch the screen button of the desired motorway.



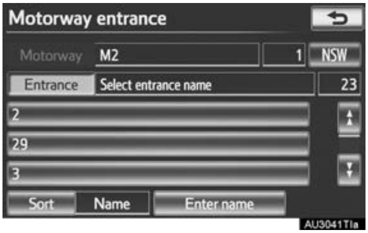
Motorway M 11 NSW

6 Select **“Entrance”** or **“Exit”**.



Select entrance or exit.

7 Touch the screen button of the desired entrance or exit name.



- The screen changes and displays the map location of the selected destination and the road preference. (See “STARTING ROUTE GUIDANCE” on page 74.)

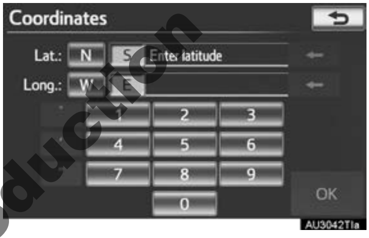
DESTINATION SEARCH BY “Coordinates”

1 Press the **“NAV”** button.

2 Touch **“Destination”** on the “Navigation menu” screen.

3 Touch **“Coordinates”** on the second page of the “Destination” screen.

4 Input the latitude and the longitude.



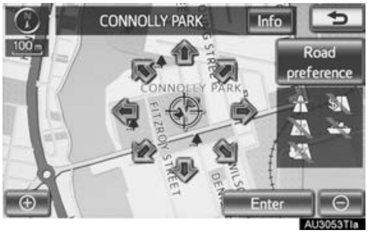
5 After inputting the latitude and longitude, touch **“OK”**.

- By touching the screen button of the desired point, the screen changes and displays the map location of the selected destination and the road preference. (See “STARTING ROUTE GUIDANCE” on page 74.)

3. STARTING ROUTE GUIDANCE

After inputting the destination, the screen changes and displays the map location of the selected destination and the road preference.

1 When an arrow facing the desired point is touched, the map scrolls in that direction.



- The scroll stops when the selection of the arrow is released.

2 Touch **"Enter"**.

- The system starts route search and displays recommended routes.

- If a destination has already been set, **"Add to ◉"** and **"Replace ◉"** will be displayed.

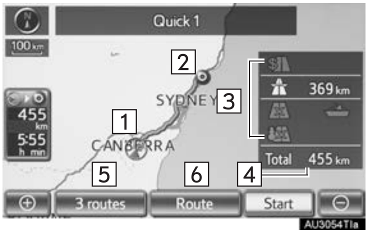
"Replace ◉": Touch to delete the existing destinations and set a new one.

"Add to ◉": Touch to add a destination(s).

"Road preference": Touch to change the road preference. (See page 90.)

"Info": If this screen button is displayed on the top of the screen, touch it to view items such as name, address, position and telephone number.

3 To start guidance, touch **"Start"**.



No.	Function
1	Current position
2	Destination point
3	Type of route and its distance
4	Distance of the entire route
5	Touch the desired route from 3 possible routes. (See page 76.)
6	Touch to change the route. (See page 86.)

- Guidance can be paused or resumed. (See "SUSPENDING AND RESUMING GUIDANCE" on page 83.)
- If **"Start"** is touched until a beep sounds, demo mode will start. Press the **"MAP/VOICE"** button to end demo mode.

CAUTION

- Be sure to obey traffic regulations and keep road conditions in mind while driving. If a traffic sign on the road has been changed, the route guidance may not indicate such changed information.

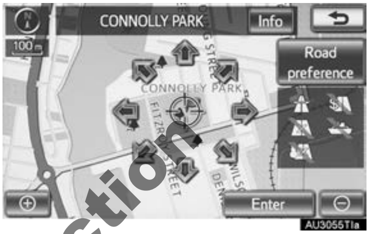
INFORMATION

- The route for returning may not be the same as that for going.
- The route guidance to the destination may not be the shortest route nor a route without traffic congestion.
- Route guidance may not be available if there is no road data for the specified location.
- When setting the destination on a map with a scale larger than 800 m, the map scale changes to 800 m automatically. If this occurs, set the destination again.
- If a destination that is not located on a road is set, the vehicle will be guided to the point on a road nearest to the destination. The road nearest to the point selected is set as the destination.

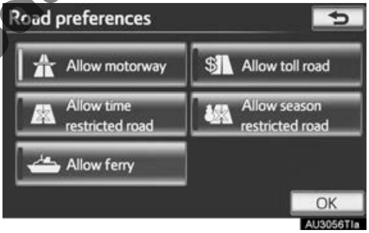
TO CHANGE THE ROUTE BEFORE STARTING GUIDANCE

ROAD PREFERENCES

1 Road preferences can be changed by touching **"Road preference"**.



2 Select the desired road preferences.



- The system will avoid using routes that include items whose indicators are off.

3 After selecting the desired road preference, touch **"OK"**.

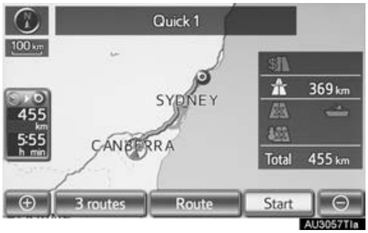
- Even if the **"Allow motorway"** indicator is dimmed, the route cannot avoid including a motorway in some cases.

INFORMATION

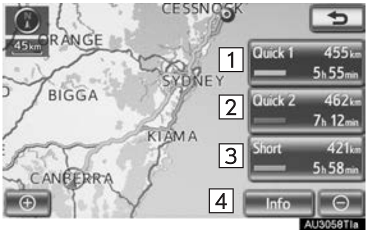
- If the calculated route includes a trip by ferry, the route guidance shows a sea route. After you travel by ferry, the current position may be incorrect. Upon reception of GPS signals, it is automatically corrected.

3 ROUTES SELECTION

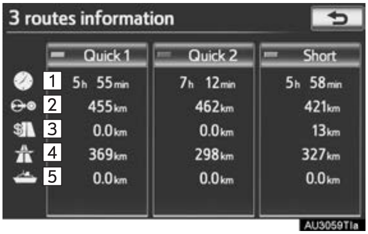
1 Touch **“3 routes”**.



2 Touch **“Quick 1”**, **“Quick 2”** or **“Short”**.



No.	Function
1	Touch to display the recommended route.
2	Touch to display the alternative route.
3	Touch to display the route that is the shortest distance to the set destination.
4	Touch to display the information shown below about each of the 3 routes.


3 routes information

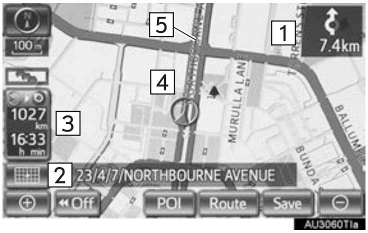
	Quick 1	Quick 2	Short
1	5h 55min	7h 12min	5h 58min
2	455km	462km	421km
3	0.0km	0.0km	13km
4	369km	298km	327km
5	0.0km	0.0km	0.0km

No.	Function
1	Time necessary for the entire trip
2	Distance of the entire trip
3	Toll road
4	Motorway
5	Ferry

1. ROUTE GUIDANCE SCREEN

During route guidance, various types of guidance screens can be displayed depending on conditions.

SCREEN LAYOUT



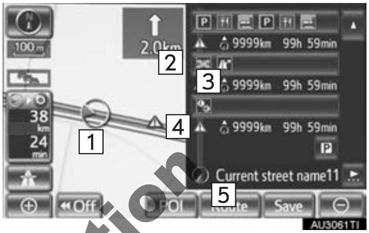
No.	Function
1	Distance to the next turn and an arrow indicating the turning direction
2	Current street name
3	Distance and travel/arrival time to the destination
4	Current position
5	Guidance route

INFORMATION

- If the vehicle goes off the guidance route, the route is searched again.
- For some areas, the roads have not been completely digitized in our database. For this reason, the route guidance may select a road that should not be traveled on.
- When arriving at the set destination, the destination name will be displayed on the top of the screen. Touching **"Off"** clears the display.

DURING MOTORWAY DRIVING

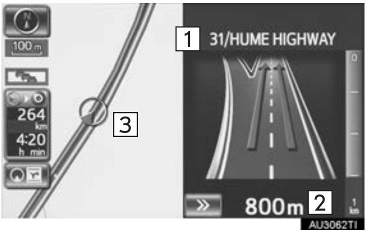
During motorway driving, this screen displays the distance to the next junction/exit, or POIs in the vicinity of the motorway exit.



No./ Icon	Function
1	Current position
2	POIs that are close to a motorway exit, exit number and junction name
3	Distance from the current position to the exit or junction
4	Traffic information icons
5	Current street name
P	Touch to display the distance to the next and subsequent parking areas and parking area POIs.
▲	Touch to scroll to farther junctions or exits.
▼	Touch to scroll to closer junctions or exits.
◎	Touch to display the closest 3 junctions or exits.

WHEN APPROACHING A MOTORWAY EXIT OR JUNCTION

When the vehicle approaches an exit or junction, the motorway guidance screen will be displayed.



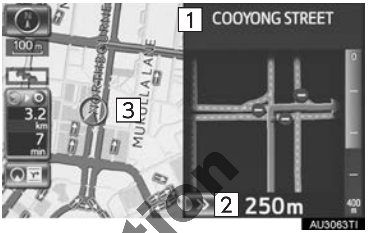
No.	Function
1	Next street name
2	Distance from the current position to the exit or junction
3	Current position

»: Touch to hide the motorway guidance screen.

- Touch **"Intersection"**, or press the **"MAP/ VOICE"** button, to change back to the motorway guidance screen.

WHEN APPROACHING AN INTERSECTION

When the vehicle approaches an intersection, the intersection guidance screen will be displayed.



No.	Function
1	Next street name
2	Distance to the intersection
3	Current position

»: Touch to hide the intersection guidance screen.

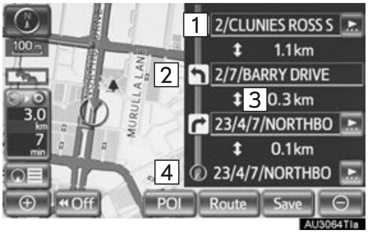
- Touch **"Intersection"**, or press the **"MAP/ VOICE"** button, to change back to the intersection guidance screen.

OTHER SCREENS

TURN LIST SCREEN

On this screen, the list of turns on the guidance route can be viewed.

1 Touch **“Turn List”** during guidance to display the turn list.

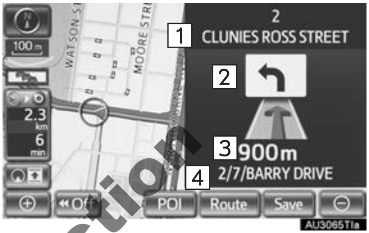


No.	Function
1	Next street or destination name
2	Turn direction
3	Distance between turns
4	Current street name

ARROW SCREEN

On this screen, information about the next turn on the guidance route can be viewed.

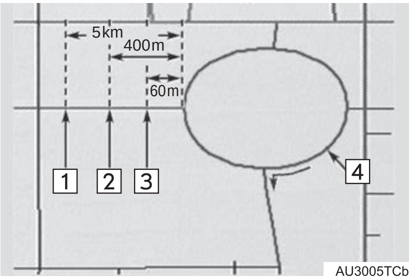
1 Touch **“Arrow”** during guidance to display the arrow screen.



No.	Function
1	Exit number or street name
2	Turn direction
3	Distance to the next turn
4	Current street name

2. TYPICAL VOICE GUIDANCE PROMPTS

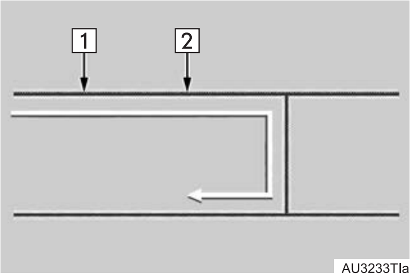
As the vehicle approaches an intersection, or point, where maneuvering the vehicle is necessary, the system's voice guidance will provide various messages.



No.	Voice guidance
1	"Proceed about 5 kilometers, on the current road."
2	"In 400 meters, heading right at the roundabout. Take 3rd exit."
3	"Heading right at the roundabout. Take 3rd exit."
4	"Exit coming up."

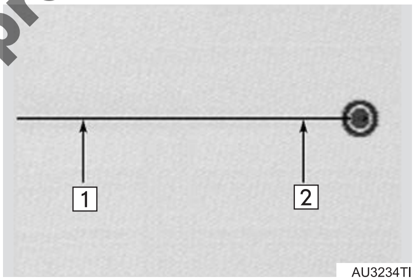
INFORMATION

- Even if the surface street and motorway have a similar configuration, voice guidance will be made at the different point.

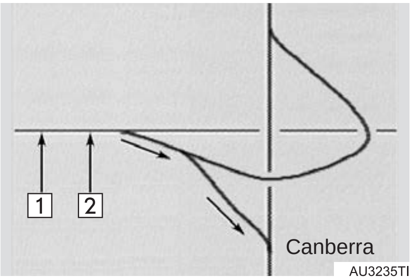


- The following guidance will be narrated when the navigation system recognizes the next action of the vehicle is a U-turn.

No.	Voice guidance
1	"In 600 meters, make a U-turn."
2	"Make a U-turn if possible."



No.	Voice guidance
1	"Your destination is ahead." or "The route guidance will discontinue ahead."
2	"You have arrived at your destination. The route guidance is now finished." or "You are in the vicinity of your destination, the route guidance is now finished."



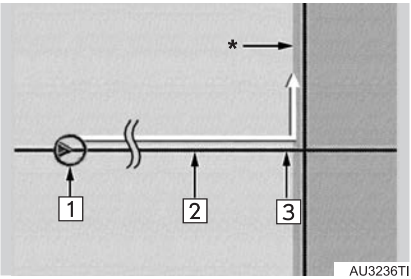
No.	Voice guidance
1	“In 1 kilometer, keep right.”
2	“Keep right, then 500 meters later keep right, towards Canberra.”

- If a voice guidance command cannot be heard, press the **“MAP/VOICE”** button while the current position screen is displayed on the screen to hear it again.
- To adjust the voice guidance volume, see “VOICE VOLUME” on page 52.

INFORMATION

- Voice guidance may be made early or late.
- If the system cannot determine the current position correctly, you may not hear voice guidance or may not see the magnified intersection on the screen.

ROUTE INCLUDING IPD ROADS



- After the system has calculated a route, it will advise the user whether IPD roads are included in the route or not.
- The portion of the route that covers IPD roads is indicated by light blue.

No.	Voice guidance
1	“There is the possibility that there are traffic regulations that are not known on the way to the destination.” (start point)
2	“In 400 meters, left turn.”
3	“Next left. Please obey all traffic regulations.”

*: The area that includes IPD roads.

- IPD roads are roads that are not yet completely digitized in our database. However, their geometry, name and administrative coding are already known.

⚠ CAUTION

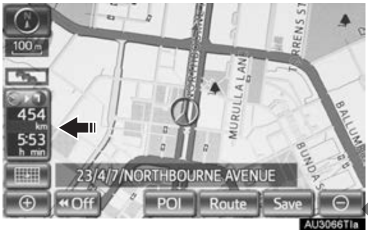
- Be sure to obey the traffic regulations and keep the road condition in mind especially when you are driving on IPD roads. The route guidance may not have the updated information such as the direction of a one way street.

3. DISTANCE AND TIME TO DESTINATION

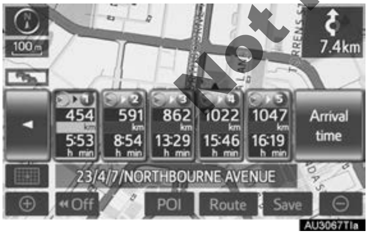
When the vehicle is on the guidance route, the distance and the estimated travel/arrival time to the destination are displayed. When the vehicle is not on the guidance route, the distance and direction of the destination are displayed.

When driving on the guidance route with more than 1 destination set, the distance and estimated travel/arrival time from the current position to each destination are displayed.

1 Touch the screen button indicated by the arrow.



2 Touch the number screen button to display the desired destination.



- The distance, estimated travel time and estimated arrival time from the current position to the selected destination are displayed.

Icon	Function
2 15 km 31 min	Estimated travel time is displayed.
2 15 km 13:36 GMT	Estimated arrival time is displayed.
Arrival time	Touch to switch to estimated arrival time.
Travel time	Touch to switch to estimated travel time.
6.1 km	Displayed while driving off the guidance route. The destination direction is indicated by an arrow.

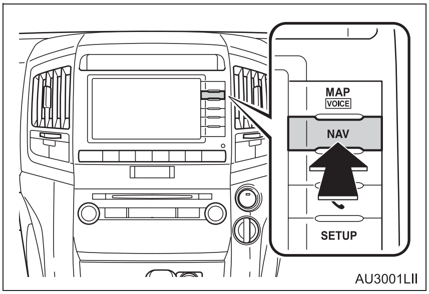
INFORMATION

- When the vehicle is on the guidance route, the distance measured along the route is displayed. Travel time and arrival time are calculated based on the set vehicle speed information. (See “AVERAGE SPEED” on page 119.) However, when the vehicle is not on the guidance route, the distance is the linear distance between the current position and the destination.

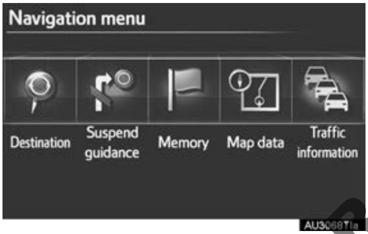
4. SUSPENDING AND RESUMING GUIDANCE

SUSPENDING GUIDANCE

1 Press the **“NAV”** button.



2 Touch **“Suspend guidance”**.

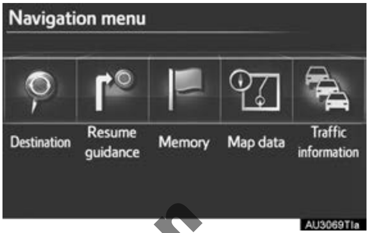


- The screen will return to the current position map without route guidance.

RESUMING GUIDANCE

1 Press the **“NAV”** button.

2 Touch **“Resume guidance”**.

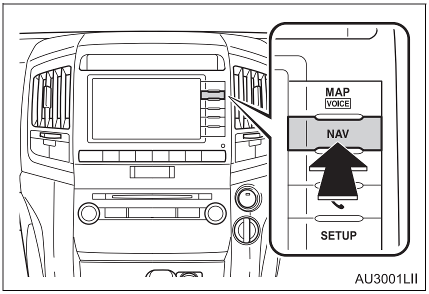


- The map screen, with the current position displayed, will be returned to.

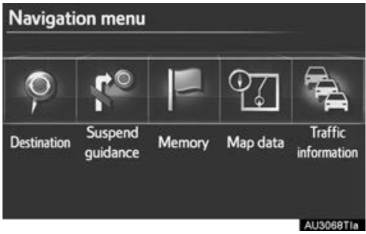
5. TRAFFIC

Traffic information can be viewed.

1 Press the **“NAV”** button.



2 Touch **“Traffic information”**.



TRAFFIC INFORMATION

This system can receive traffic information from RDS-TMC* stations based on FM-multiple broadcasting or traffic information providers. It assists the driver to avoid areas with traffic congestion.

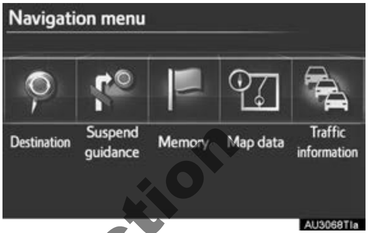
*: Can only be used when receiving RDS-TMC information. Depending on the country, states or territories, RDS-TMC may not be possible.

SHOW TRAFFIC EVENT

Traffic events near the current position can be viewed as a list.

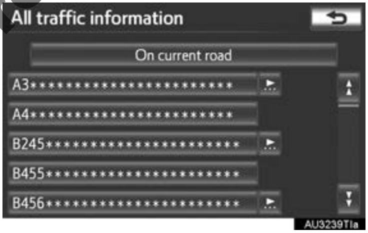
1 Press the **“NAV”** button.

2 Touch **“Traffic information”**.



- A list of traffic information which it can be received is displayed.

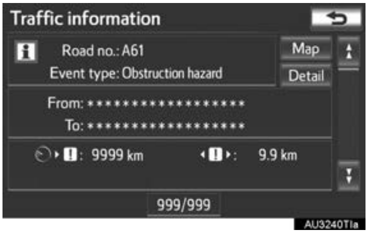
3 Touch the desired traffic event.


All traffic information
On current road
A3************************
A4************************
B245**********************
B455**********************
B456**********************
AU3239TIa

“On current road”: To display traffic events relating to the road currently being used.

“On current route”: To display traffic events relating to the route currently being used.

4 Traffic information is displayed on the screen.


Traffic information

Road no.: A61

Event type: Obstruction hazard

From: ******************

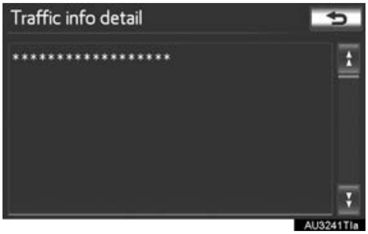
To: ******************

9999 km

9.9 km

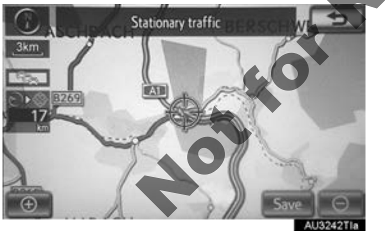
999/999

▶Touch **“Detail”** to display detailed traffic event information.


Traffic info detail

****

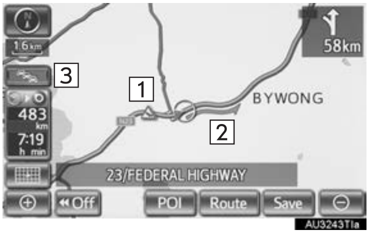
▶Touch **“Map”** to display around traffic event information.



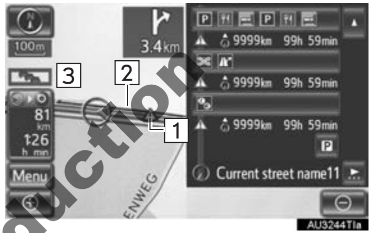
TRAFFIC INFORMATION SCREENS

Traffic information such as traffic congestion, accidents and road closures are displayed on the map. (For setting traffic information icons displayed on the screen, see page 84.)

▶On map screen



▶On motorway screen

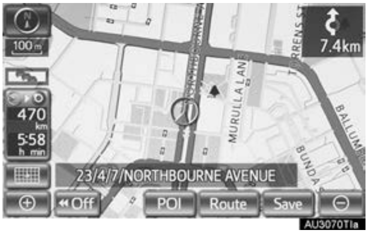


No.	Name	Function
1	Traffic information icon	Icons are displayed on the map. To display information, touch the corresponding icon on the screen.
2	Traffic information arrow	Using traffic information, the system displays arrows along a road. The colour of the arrow indicates specific road condition information. “Red” indicates normal traffic flow. “Orange” indicates a traffic jam. “Blue” indicates a closed road, accident and so on.
3	Traffic information indicator	The indicator comes on when traffic information is received.

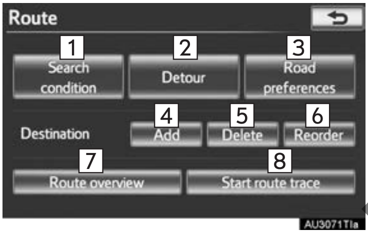
6. SETTING ROUTE

Detour and route conditions can be set and destinations can be added.

1 Touch **"Route"**.



2 Perform operations according to the procedures outlined on the following pages.



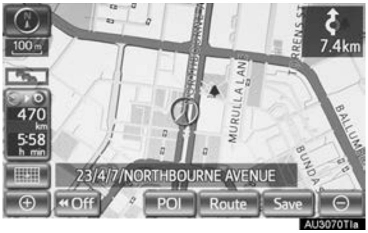
- On this screen, the following operations can be performed:

No.	Function	Page
1	Touch to set search conditions	88
2	Touch to set detours	89
3	Touch to set road preferences	90
4	Touch to add destinations	87
5	Touch to delete destinations	88
6	Touch to reorder destinations	87
7	Touch to display route overview	91
8	Touch to set route trace	92

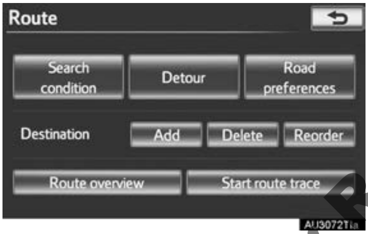
ADDING DESTINATIONS

Destinations can be added and routes can be searched again.

1 Touch **“Route”**.

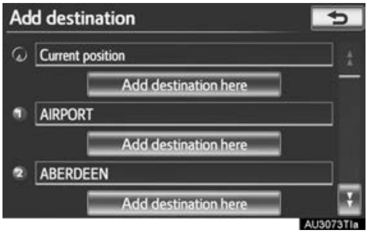


2 Touch **“Add”**.



3 Input an additional destination in the same way as a destination search. (See “DESTINATION SEARCH” on page 58.)

4 Touch the desired **“Add destination here”** to insert the new destination into the route.

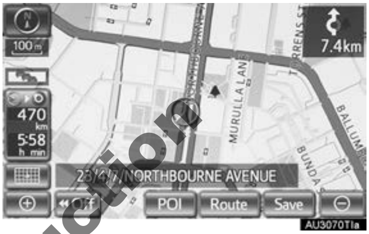


- The route overview screen will be displayed. (See “ROUTE OVERVIEW” on page 91.)

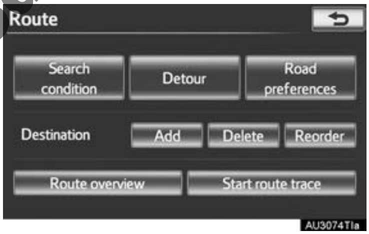
REORDERING DESTINATIONS

When more than 1 destination is set, the arrival order of the destinations can be changed.

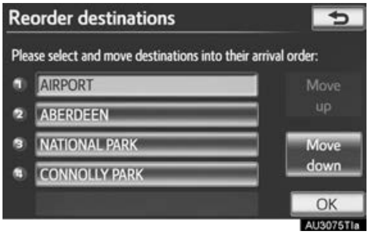
1 Touch **“Route”**.



2 Touch **“Reorder”**.



3 Touch the desired destination and touch **“Move up”** or **“Move down”** to change the arrival order.


Please select and move destinations into their arrival order:

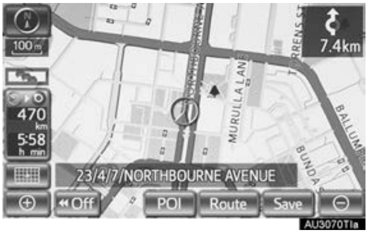
4 After selecting the destinations, touch **“OK”**.

- The system searches for the guidance route again, and displays the entire route.

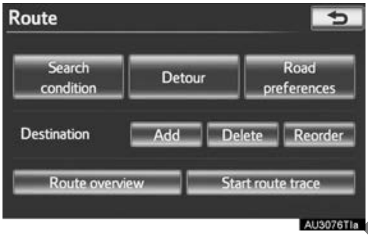
DELETING DESTINATIONS

A set destination can be deleted.

1 Touch **"Route"**.

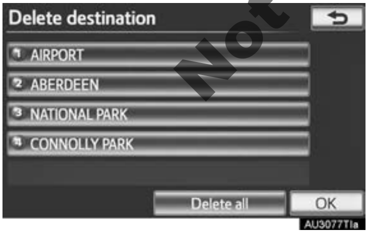


2 Touch **"Delete"**.



- When more than 1 destination is set, a list will be displayed on the screen.

3 Touch the destination to be deleted.



"Delete all": Touch to delete all destinations on the list.

- A message appears to confirm the request to delete.

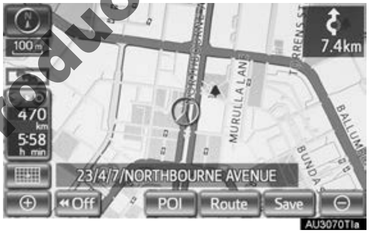
4 Touch **"Yes"** to delete the destination(s).

- If **"Yes"** is touched, the data cannot be recovered. If more than 1 destination has been set, the system will recalculate the route(s) to the set destination(s) as necessary.
- If **"No"** is touched, the previous screen will be displayed.

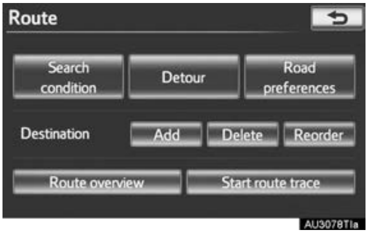
SEARCH CONDITION

Road conditions of the route to the destination can be set.

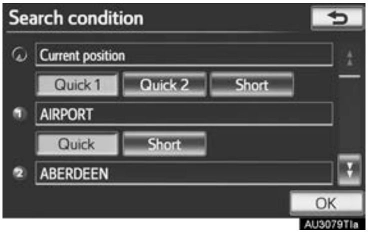
1 Touch **"Route"**.



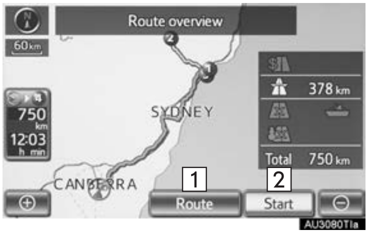
2 Touch **"Search condition"**.



3 Touch **"Quick"**, **"Quick 1"**, **"Quick 2"** or **"Short"** and then touch **"OK"**.



4 The entire route from the starting point to the destination is displayed.

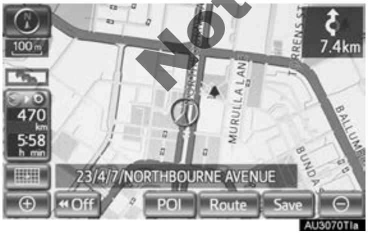


No.	Function
1	Touch to change a route. (See page 87.)
2	Touch to start guidance.

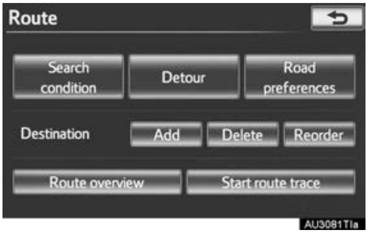
DETOUR SETTING

While the route guidance is operating, the route can be changed to detour around a section of the route where a delay is caused by road repairs, an accident, etc.

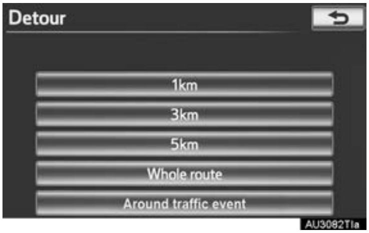
1 Touch **"Route"**.



2 Touch **"Detour"**.



3 Touch a screen button to select the desired detour distance.

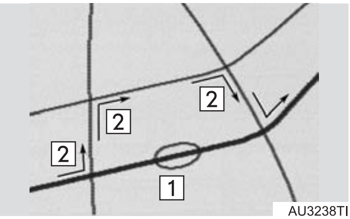


"1km", **"3km"** or **"5km"**: Touch one of these screen buttons to start the detour process. After detouring, the system returns to the original guidance route.

"Whole route": Touch to make the system calculate an entire new route to the destination.

"Around traffic event": Touch to make the system search for the route based on the traffic congestion information received.

INFORMATION



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- This picture shows an example of how the system would guide around a delay caused by a traffic jam.

1 This position indicates the location of a traffic jam caused by road repairs, an accident, etc.

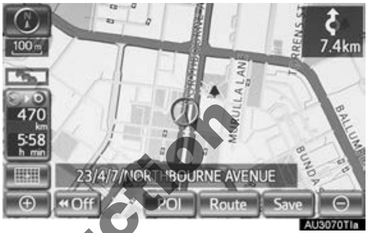
2 This route indicates the detour suggested by the system.

- When the vehicle is on a motorway, the detour distance selections are 5, 15 and 25 km.
- The system may not be able to calculate a detour route depending on the selected distance and surrounding road conditions.

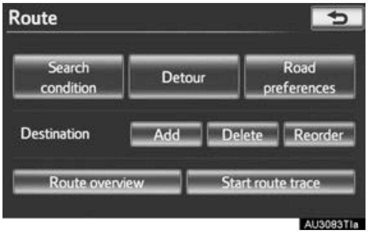
ROAD PREFERENCE

A number of choices are available when setting the conditions the system uses to determine the route to the destination.

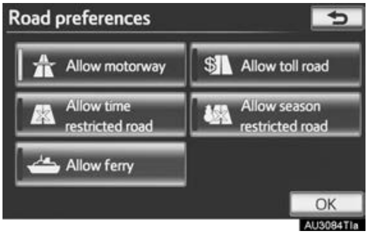
1 Touch **"Route"**.



2 Touch **"Road preferences"** to display conditions that can be selected when the system determines the route to the destination.



3 Select the desired road preference by touching the appropriate screen button.

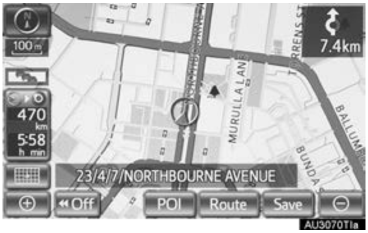


- The system will avoid using routes that include items whose indicators are off.

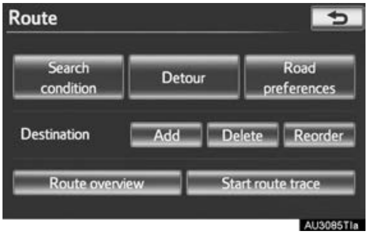
4 After selecting the desired road preference, touch **"OK"**.

ROUTE OVERVIEW

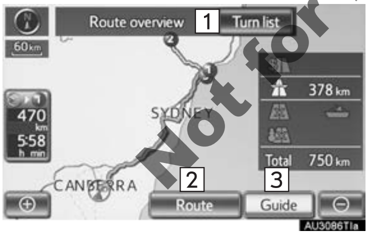
1 Touch **“Route”**.



2 Touch **“Route overview”**.



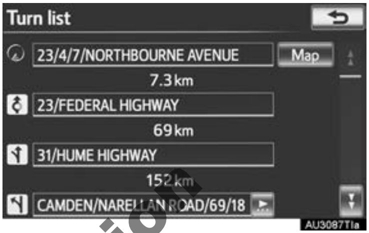
3 The entire route from the current position to the destination is displayed.



No.	Function
1	Touch to display a list of the turns required to reach the destination.
2	Touch to change the route. (See page 86.)
3	Touch to start guidance.

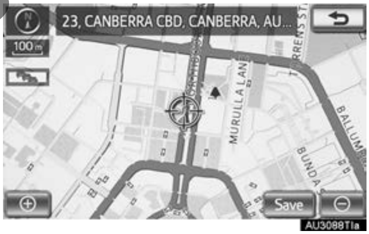
TURN LIST

1 Touch ▲ or ▼ to skip to the next page of the list of roads. Touch and hold ▲ or ▼ to scroll through the list of roads.



↱: This mark indicates the direction in which you should turn at the intersection.

“Map”: The selected point is displayed on the map screen.



INFORMATION

- However, not all road names in the route may appear on the list. If a road changes its name without requiring a turn (such as on a street that runs through 2 or more towns), the name change will not appear on the list. The street names will be displayed in order from the starting point, along with the distance to the next turn.

ROUTE TRACE

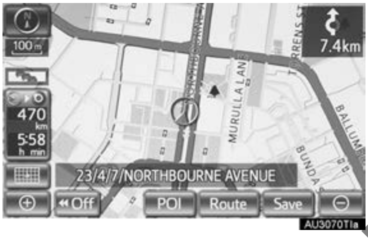
Up to 200 km of the traveled route can be stored and retraced on the display.

INFORMATION

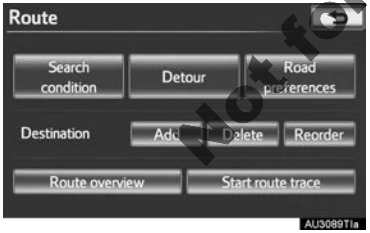
- This feature is available when the map scale is more than 50 km.

TO START RECORDING THE ROUTE TRACE

1 Touch **“Route”**.

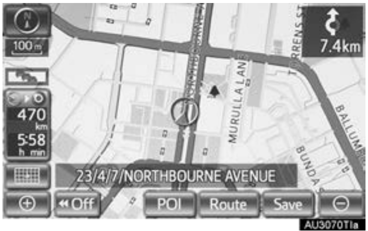


2 Touch **“Start route trace”**.

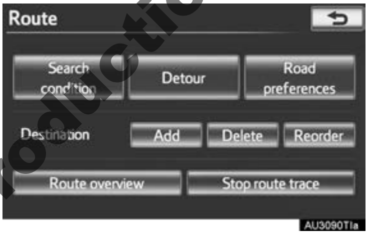


TO STOP RECORDING THE ROUTE TRACE

1 Touch **“Route”**.



2 Touch **“Stop route trace”**.

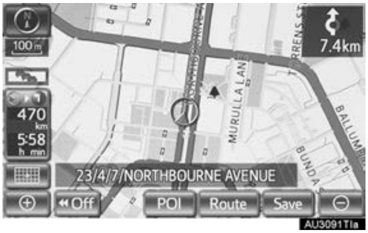


- Touching **“Yes”** stops recording and the route trace remains displayed on the screen.
- Touching **“No”** stops recording and the route trace is erased.

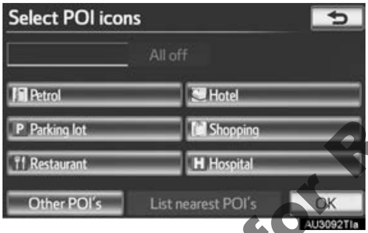
7. DISPLAY POI ICONS

POI icons such as petrol stations and restaurants can be displayed on the map screen. Their location can also be set as a destination and used for route guidance.

1 Touch **“POI”**.



2 A screen with a limited choice of POIs will be displayed.



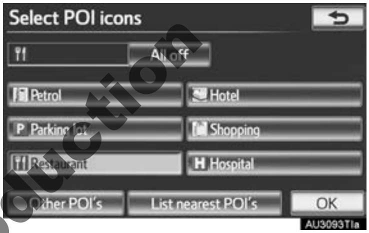
- To change the displayed POI list, see page 120.

SELECTING POI ICONS TO BE DISPLAYED

Up to 5 categories of icons can be displayed on the map screen.

1 Touch **“POI”** on the map screen.

2 Touch the desired POI category to display POI location icons on the map screen.



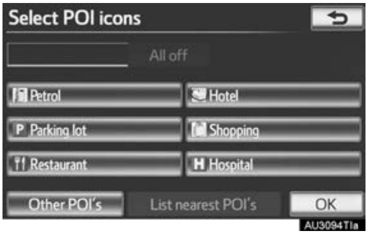
- By touching the desired POI category and then touching **“OK”**, the selected POI icons are displayed on the map screen.
- To turn off the POI icons on the map screen, touch **“All off”**.

“Other POI’s”: Touch to display other POIs categories if the desired POIs cannot be found on the limited choice screen.

“List nearest POI’s”: Touch to search for the nearest POIs. Then select one of the categories. The system will list the points within 30 km. (See page 94.)

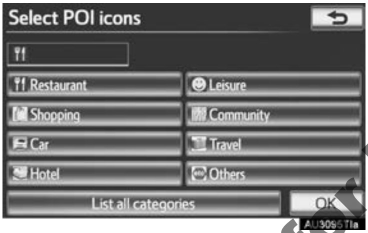
SELECTING OTHER POI ICONS TO BE DISPLAYED

1 Touch **“Other POI’s”**.

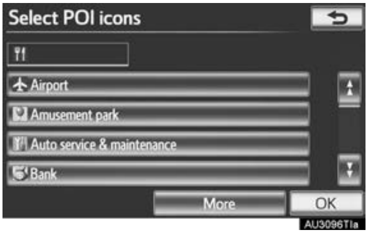


- When a POI category is selected from either the limited list or the complete list, the icons of those locations will be displayed on the map screen.

2 Touch the desired POI categories.



- The selected category’s icon will appear on the top left of the screen.
- By touching the desired POI category and then touching **“OK”**, the selected POI icons are displayed on the map screen.
- If the desired POI category is not on the screen, touch **“List all categories”** to list all POI categories.

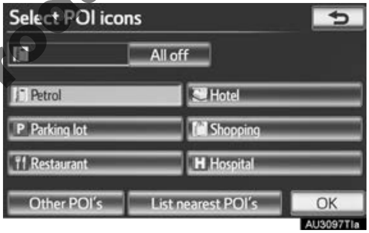


- Touch the desired POI categories from the list.
  - The selected category’s icon will appear on the top left of the screen.
  - By touching the desired POI category and then touching **“OK”**, the selected POI icons are displayed on the map screen.
  - To return to the POI category selection screen, touch **“More”**.

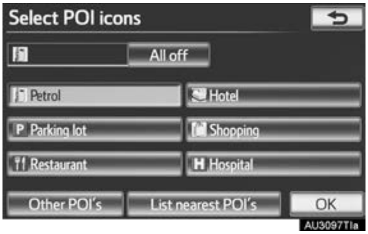
TO DISPLAY THE LOCAL POI LIST

Points of Interest that are within 30 km of the current position will be listed from among the selected categories.

1 Touch **“List nearest POI’s”**.



2 Touch the screen button of the desired POI.



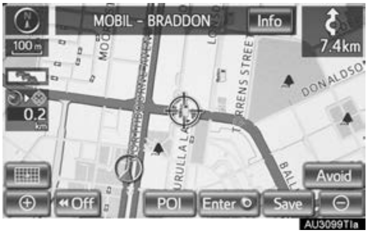
- The selected POIs are displayed on the map screen.

“On route”: When the indicator is illuminated by touching this screen button, the list of the items searched along the route is displayed.

TO SET A POI AS A DESTINATION

One of the Point of Interest icons can be selected on the map screen as a destination and can be used for route guidance.

1 Directly touch the desired POI icon to set it as a destination.



- The map will shift so that the icon is centred on the screen and overlaps with the cursor ⌖. At this time, the distance from the current position is displayed on the screen. The distance shown is measured as a straight line from the current position to the POI.

2 When the desired POI overlaps with the cursor, touch **"Enter ◎"**.

- The screen changes and displays the map location of the selected destination and road preference. (See "STARTING ROUTE GUIDANCE" on page 74.)

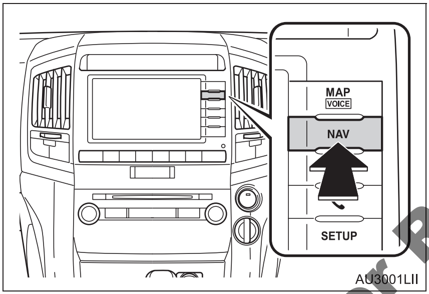
1. MEMORY POINT SETTINGS

Points or areas on the map can be registered.

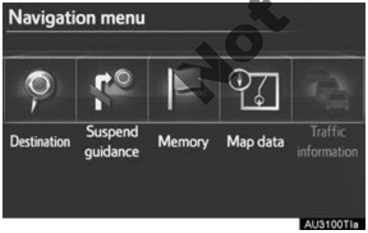
The registered points can be used on the “Destination” screen. (See “DESTINATION SEARCH BY HOME” on page 60, “DESTINATION SEARCH BY QUICK ACCESS” on page 60 and “DESTINATION SEARCH BY ‘Memory’” on page 70.)

Registered areas to avoid, will be avoided when the system searches for a route.

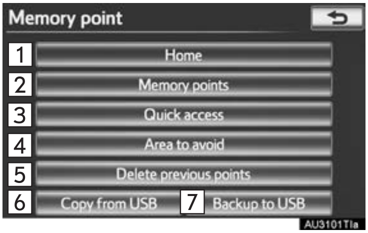
1 Press the **“NAV”** button.



2 Touch **“Memory”**.



3 Touch the desired items to be set.



- On this screen, the following operations can be performed:

No.	Function	Page
1	Touch to set home.	97
2	Touch to set the memory points.	102
3	Touch to set quick access.	99
4	Touch to set areas to avoid.	109
5	Touch to delete previous destinations.	114
6	Touch to copy from a USB memory.	116
7	Touch to backup to a USB memory.	114

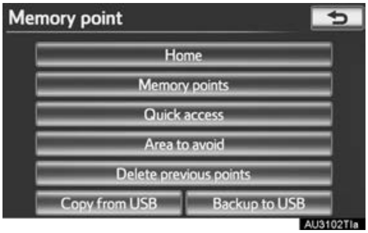
SETTING UP THE “Home”

If home has been registered, that information can be recalled by touching **“Home”** on the “Destination” screen. (See “DESTINATION SEARCH BY HOME” on page 60.)

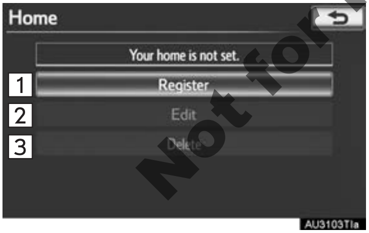
1 Press the **“NAV”** button.

2 Touch **“Memory”** on the “Navigation menu” screen.

3 Touch **“Home”**.



4 Touch the desired screen button.



No.	Function	Page
1	Registering home	97
2	Editing home	98
3	Deleting home	99

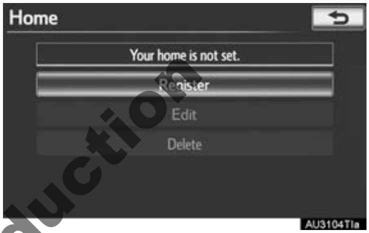
REGISTERING HOME

1 Press the **“NAV”** button.

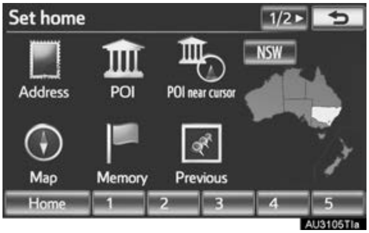
2 Touch **“Memory”** on the “Navigation menu” screen.

3 Touch **“Home”** on the “Memory point” screen.

4 Touch **“Register”**.



5 Touch the desired screen button and enter the location in the same way as for a destination search. (See “DESTINATION SEARCH” on page 58.)



- When registration of home is completed, the map screen will be displayed.

6 Touch **“OK”**.

- To edit registered information, see “EDITING HOME” on page 98.

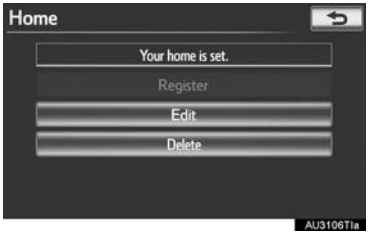
EDITING HOME

1 Press the **“NAV”** button.

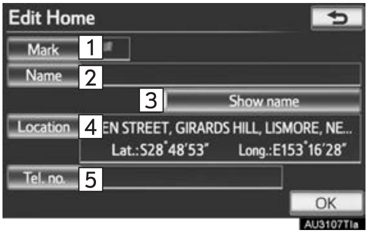
2 Touch **“Memory”** on the “Navigation menu” screen.

3 Touch **“Home”** on the “Memory point” screen.

4 Touch **“Edit”**.



5 Touch the screen button to be edited.



EN STREET, GIRARDS HILL, LISMORE, NE...
Lat.:S28°48'53" Long.:E153°16'28"

No.	Function	Page
1	Touch to change the icon to be displayed on the map.	104
2	Touch to edit the home name. The name can be displayed on the map.	105
3	Touch to illuminate the indicator. When the indicator is illuminated, the registered name is displayed on the upper part of the map screen.	105
4	Touch to edit location information.	106
5	Touch to edit the telephone number.	106

6 Touch **“OK”**.

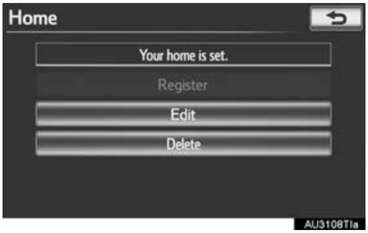
DELETING HOME

1 Press the **“NAV”** button.

2 Touch **“Memory”** on the “Navigation menu” screen.

3 Touch **“Home”** on the “Memory point” screen.

4 Touch **“Delete”**.



5 Touch **“Yes”** to delete home and touch **“No”** to cancel the deletion.

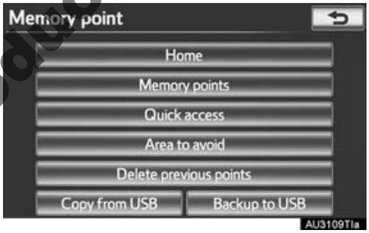
SETTING UP THE “Quick access”

If quick access has been registered, that information can be recalled by using the quick access screen buttons on the “Destination” screen. (See “DESTINATION SEARCH BY QUICK ACCESS” on page 60.)

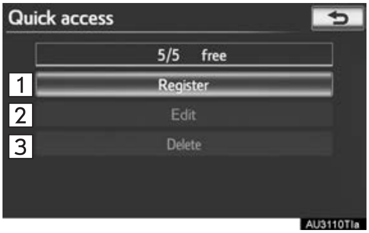
1 Press the **“NAV”** button.

2 Touch **“Memory”** on the “Navigation menu” screen.

3 Touch **“Quick access”**.



4 Touch the desired screen button.



No.	Function	Page
1	Registering quick access	100
2	Editing quick access	101
3	Deleting quick access	102

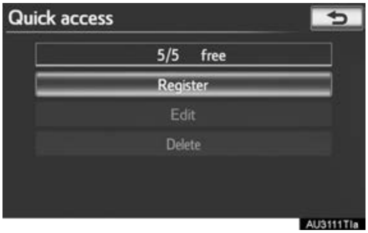
REGISTERING QUICK ACCESS

1 Press the **“NAV”** button.

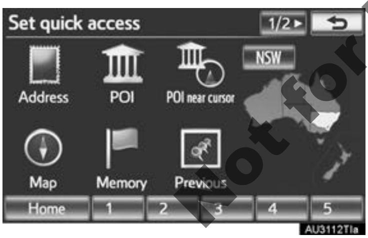
2 Touch **“Memory”** on the “Navigation menu” screen.

3 Touch **“Quick access”** on the “Memory point” screen.

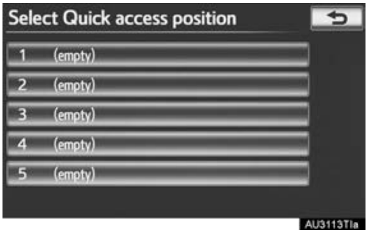
4 Touch **“Register”**.



5 Touch the desired screen button and enter the location in the same way as for a destination search. (See “DESTINATION SEARCH” on page 58.)



6 Touch a position for this quick access.



- When registration of quick access is completed, the “Quick access” screen will be displayed.

7 Touch **“OK”**.

- To edit registered information, see “EDITING QUICK ACCESS” on page 101.

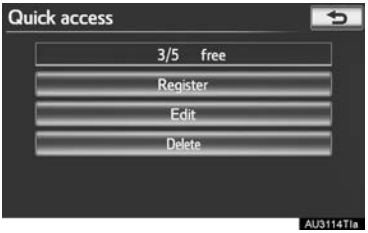
EDITING QUICK ACCESS

1 Press the **“NAV”** button.

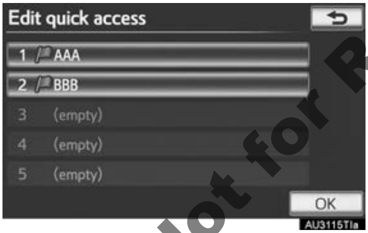
2 Touch **“Memory”** on the “Navigation menu” screen.

3 Touch **“Quick access”** on the “Memory point” screen.

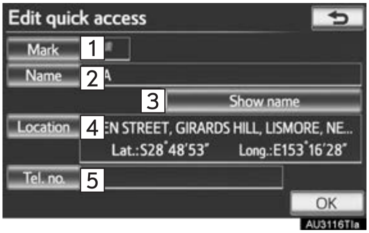
4 Touch **“Edit”**.



5 Touch the screen button of the desired quick access.



6 Touch the screen button to be edited.



Location: EN STREET, GIRARDS HILL, LISMORE, NE...
Lat.:S28°48'53" Long.:E153°16'28"

No.	Function	Page
1	Touch to change the icon to be displayed on the map.	104
2	Touch to edit the quick access name. The name can be displayed on the map.	105
3	Touch to illuminate the indicator. When the indicator is illuminated, the registered name is displayed on the upper part of the map screen.	105
4	Touch to edit location information.	106
5	Touch to edit the telephone number.	106

7 Touch **“OK”**.

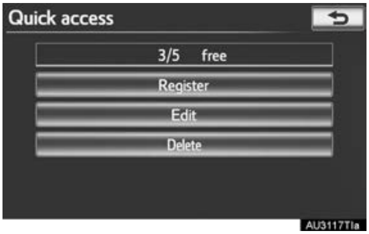
DELETING QUICK ACCESS

1 Press the **“NAV”** button.

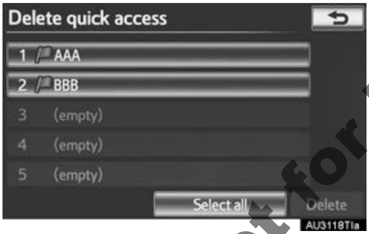
2 Touch **“Memory”** on the “Navigation menu” screen.

3 Touch **“Quick access”** on the “Memory point” screen.

4 Touch **“Delete”**.



5 Touch the quick access to be deleted.



Screen button	Function
“Select all”	Select all quick access.
“Unselect all”	Touch to cancel the “Select all” function.

6 Touch **“Delete”**.

7 Touch **“Yes”** to delete the quick access and touch **“No”** to cancel the deletion.

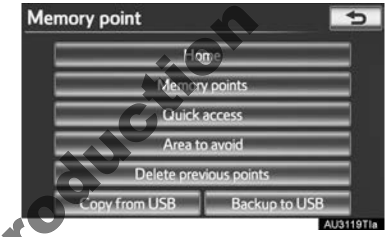
SETTING UP THE “Memory points”

Points or areas on the map can be registered.

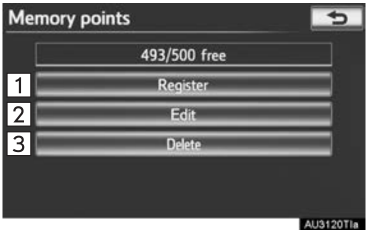
1 Press the **“NAV”** button.

2 Touch **“Memory”** on the “Navigation menu” screen.

3 Touch **“Memory points”**.



4 Touch the desired screen button.



No.	Function	Page
1	Registering memory points	103
2	Editing memory points	103
3	Deleting memory points	109

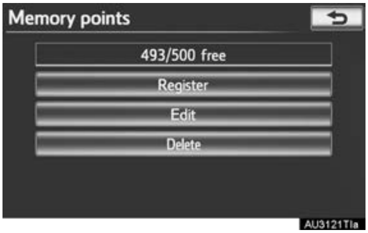
REGISTERING MEMORY POINTS

1 Press the **“NAV”** button.

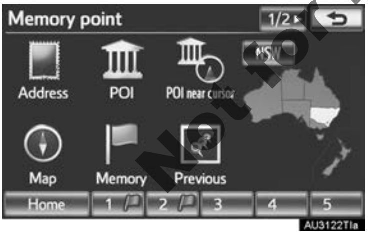
2 Touch **“Memory”** on the “Navigation menu” screen.

3 Touch **“Memory points”** on the “Memory point” screen.

4 Touch **“Register”**.



5 Touch the desired screen button and enter the location in the same way as for a destination search. (See “DESTINATION SEARCH” on page 58.)



- After the memory point has been registered, the “Memory point” screen will be displayed.

6 Touch **“OK”**.

- To edit registered information, see “EDITING MEMORY POINTS” on page 103.

INFORMATION

- Up to 500 memory points can be registered.

EDITING MEMORY POINTS

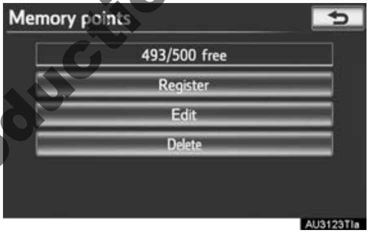
The icon, name, location, telephone number and/or group of a registered memory point can be edited.

1 Press the **“NAV”** button.

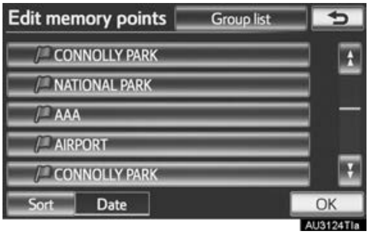
2 Touch **“Memory”** on the “Navigation menu” screen.

3 Touch **“Memory points”** on the “Memory point” screen.

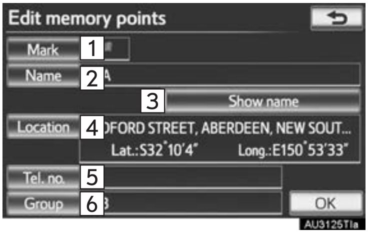
4 Touch **“Edit”**.



5 Touch the screen button of the desired memory point.



6 Touch the screen button to be edited.

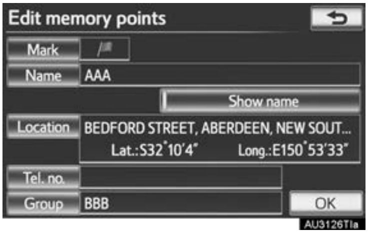


No.	Function	Page
1	Touch to change the icon to be displayed on the map.	104
2	Touch to edit the memory point name. The name can be displayed on the map.	105
3	Touch to illuminate the indicator. When the indicator is illuminated, the registered name is displayed on the upper part of the map screen.	105
4	Touch to edit location information.	106
5	Touch to edit the telephone number.	106
6	Touch to register group.	107

7 Touch **"OK"**.

TO CHANGE "Mark"

1 Touch **"Mark"**.



Mark

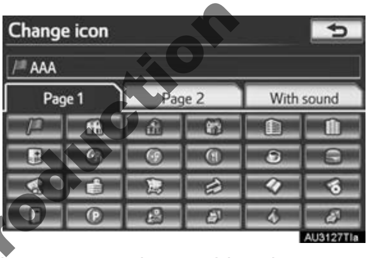
Name AAA

Location BEDFORD STREET, ABERDEEN, NEW SOUT...
Lat.:S32°10'4" Long.:E150°53'33"

Tel. no.

Group BBB

2 Touch the desired icon.



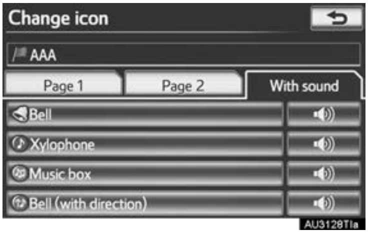
- Change pages by touching the **"Page 1"**, **"Page 2"** or **"With sound"** tab.

SOUND ICONS

A sound for some memory points can be set. When the vehicle approaches the location of the memory point, the selected sound will be heard.

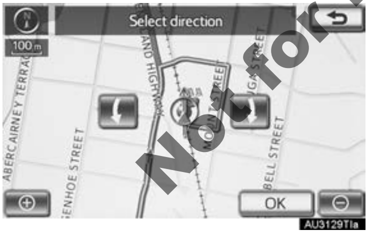
1 Touch the **"With sound"** tab on the "Change icon" screen.

2 Touch the desired sound icon.



- The next screen appears when **"Bell (with direction)"** is touched.

3 Touch either ↶ or ↷ to adjust the direction. Then touch **"OK"**.

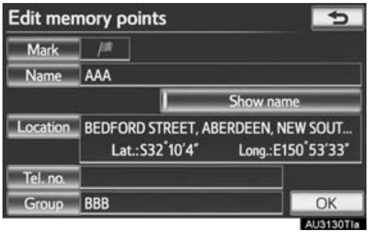


INFORMATION

- The bell sounds only when the vehicle approaches this point in the direction that has been set.

TO CHANGE "Name"

1 Touch **"Name"**.


Edit memory points

Mark

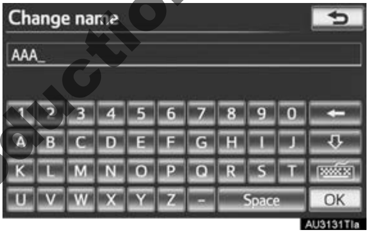
Name: AAA

Location: BEDFORD STREET, ABERDEEN, NEW SOUT...
Lat.:S32°10'4" Long.:E150°53'33"

Tel. no.

Group: BBB

2 Enter the name using the alphanumeric keys.


Change name

AAA_

- Up to 70 characters can be entered.

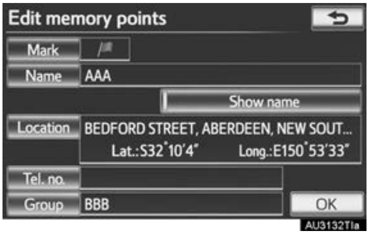
3 Touch **"OK"**.

- The previous screen will be displayed.

DISPLAYING MEMORY POINT NAMES

The name of a memory point can be set to be displayed on the map.

1 To display a memory point name, touch **"Show name"**. The indicator will illuminate. To hide memory point names, touch **"Show name"** again. The indicator will turn off.


Edit memory points

Mark

Name: AAA

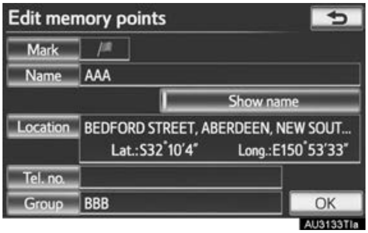
Location: BEDFORD STREET, ABERDEEN, NEW SOUT...
Lat.:S32°10'4" Long.:E150°53'33"

Tel. no.

Group: BBB

TO CHANGE “Location”

1 Touch **“Location”**.


Edit memory points

Mark

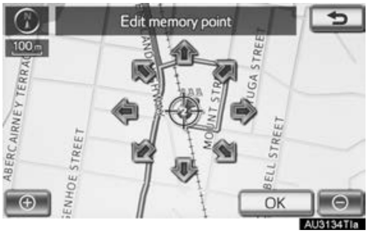
Name: AAA

Location: BEDFORD STREET, ABERDEEN, NEW SOUT... Lat.:S32°10′4″ Long.:E150°53′33″

Tel. no.

Group: BBB

2 Touch one of the 8 directional screen buttons to move the cursor ⌖ to the desired point on the map.

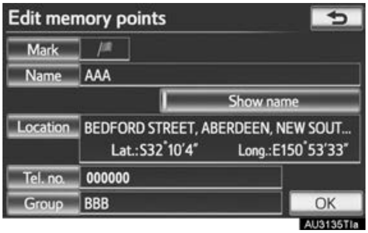


3 Touch **“OK”**.

- The previous screen will be displayed.

TO CHANGE “Tel. no.” (TELEPHONE NUMBER)

1 Touch **“Tel. no.”**.


Edit memory points

Mark

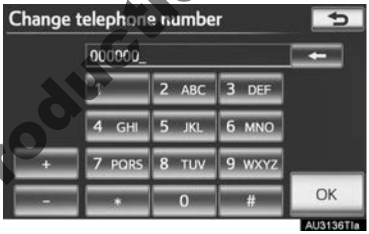
Name: AAA

Location: BEDFORD STREET, ABERDEEN, NEW SOUT... Lat.:S32°10′4″ Long.:E150°53′33″

Tel. no.: 000000

Group: BBB

2 Enter the number using the number keys.


Change telephone number

000000_

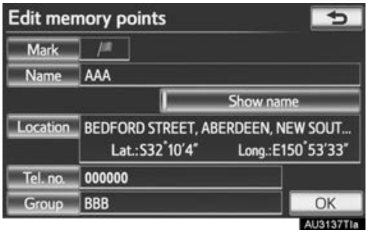
3 Touch **“OK”**.

- The previous screen will be displayed.

■TO SET OR CHANGE “Group”

Memory point groups can be set and changed.

1 Touch **“Group”**.



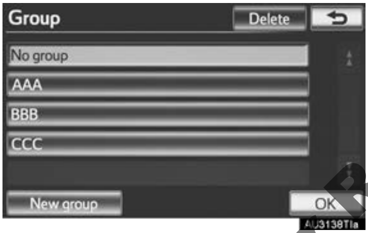
Name AAA

Location BEDFORD STREET, ABERDEEN, NEW SOUT...
Lat.:S32°10'4" Long.:E150°53'33"

Tel. no. 000000

Group BBB

2 Touch the group the memory point is to be registered with.

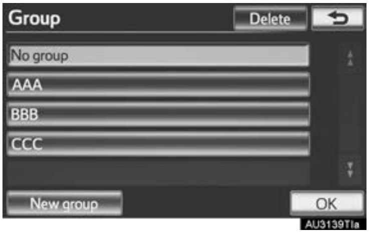


3 Touch **“OK”**.

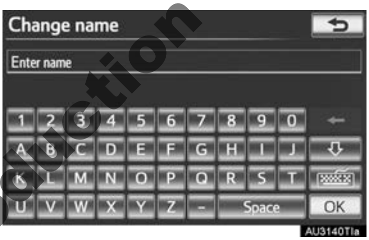
- The previous screen will be displayed.

▶To register a new group

1 Touch **“New group”**.



2 Enter the group name.

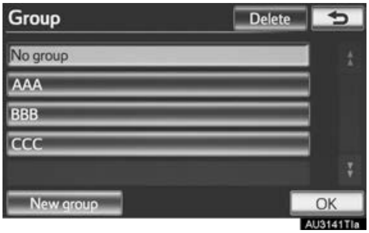


3 Touch **“OK”**.

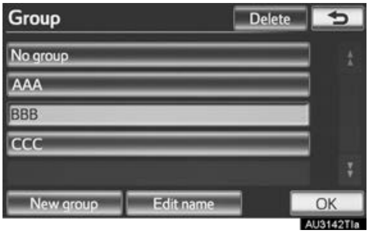
- The “Edit memory points” screen will be displayed.

▶To edit group name

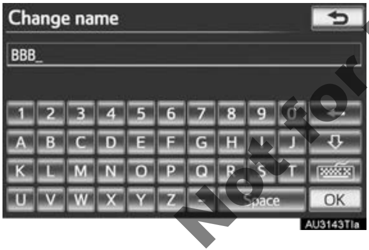
1 Touch the group to be edited.



2 Touch **“Edit name”**.



3 Enter the group name.

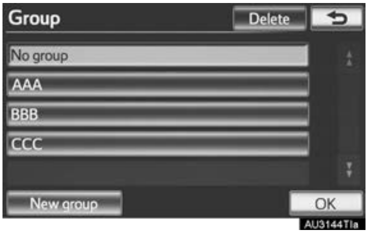


4 Touch **“OK”**.

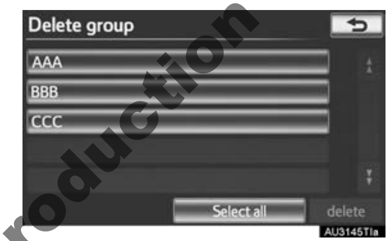
- The “Edit memory points” screen will be displayed.

▶To delete group

1 Touch **“Delete”**.



2 Touch the group to be deleted.



Screen button	Function
“Select all”	Select all groups.
“Unselect all”	Touch to cancel the “Select all” function.

3 Touch **“delete”**.

4 Touch **“Yes”** to delete the group(s) and touch **“No”** to cancel the deletion.

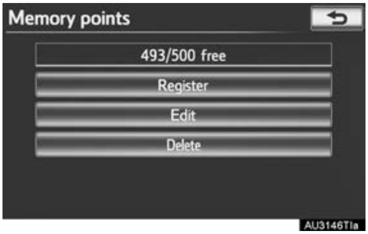
DELETING MEMORY POINTS

1 Press the **“NAV”** button.

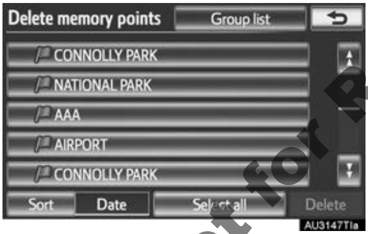
2 Touch **“Memory”** on the “Navigation menu” screen.

3 Touch **“Memory points”** on the “Memory point” screen.

4 Touch **“Delete”**.



5 Touch the memory point to be deleted.



Screen button	Function
“Select all”	Select all memory points.
“Unselect all”	Touch to cancel the “Select all” function.

6 Touch **“Delete”**.

7 Touch **“Yes”** to delete the memory point(s) and touch **“No”** to cancel the deletion.

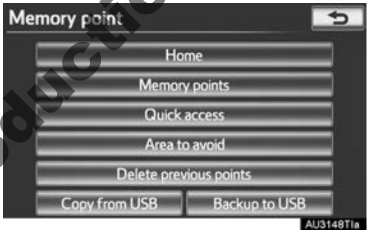
SETTING UP THE “Area to avoid”

Areas to be avoided because of traffic jams, construction work or other reasons can be registered as areas to avoid.

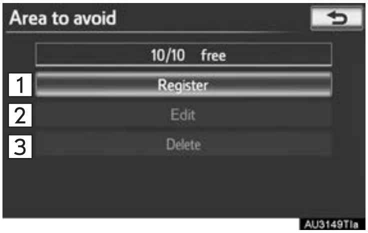
1 Press the **“NAV”** button.

2 Touch **“Memory”** on the “Navigation menu” screen.

3 Touch **“Area to avoid”**.



4 Touch the desired screen button.



No.	Function	Page
1	Registering areas to avoid	110
2	Editing areas to avoid	111
3	Deleting areas to avoid	113

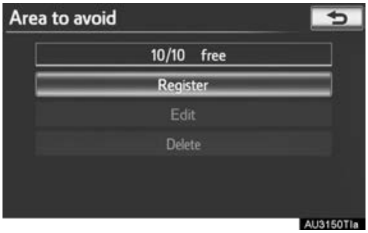
REGISTERING AREAS TO AVOID

1 Press the **“NAV”** button.

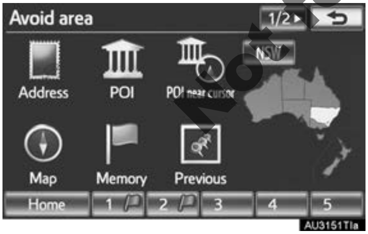
2 Touch **“Memory”** on the “Navigation menu” screen.

3 Touch **“Area to avoid”** on the “Memory point” screen.

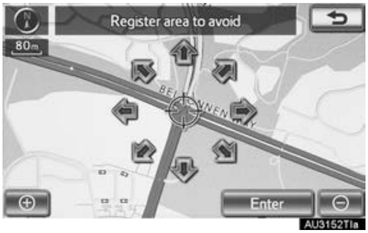
4 Touch **“Register”**.



5 Touch the desired screen button and enter the location in the same way as for a destination search, or display the map of the area to be avoided. (See “DESTINATION SEARCH” on page 58.)

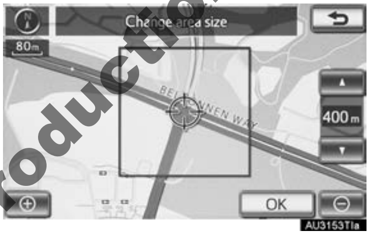


6 Scroll the map to the desired point.



7 Touch **“Enter”**.

8 Touch either ▲ or ▼ to change the size of the area to be avoided.



9 Touch **“OK”**.

- When registration of an area to avoid is completed, the “Edit area to avoid” screen will be displayed.

INFORMATION

- If a destination is input in the area to avoid or the route calculation cannot be made without running through the area to avoid, a route passing through the area to be avoided may be shown.
- Up to 10 locations can be registered as points/areas to avoid.

EDITING AREA TO AVOID

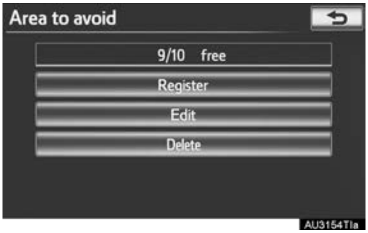
The name, location and/or area size of a registered area can be edited.

1 Press the **"NAV"** button.

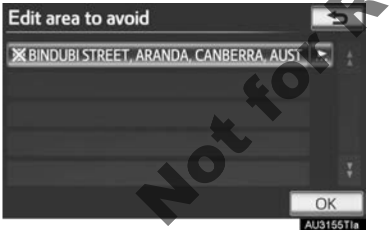
2 Touch **"Memory"** on the "Navigation menu" screen.

3 Touch **"Area to avoid"** on the "Memory point" screen.

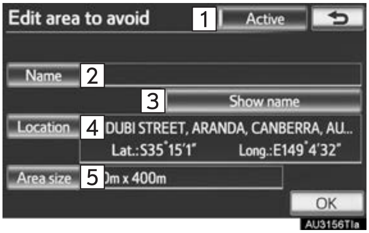
4 Touch **"Edit"**.



5 Touch the area to be avoided.



6 Touch the screen button to be edited.

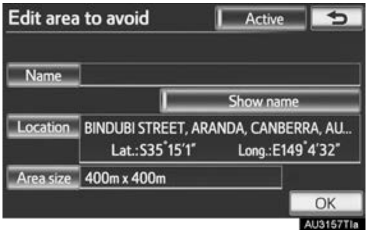


No.	Function
1	Touch to turn the area to avoid function on or off. When the indicator is illuminated, the area to avoid function is on.
2	Touch to edit the name of the area to avoid. The name can be displayed on the map. (See page 112.)
3	Touch to illuminate the indicator. When the indicator is illuminated, the registered name is displayed on the upper part of the map screen. (See page 112.)
4	Touch to edit the area location. (See page 112.)
5	Touch to edit the area size. (See page 113.)

7 Touch **"OK"**.

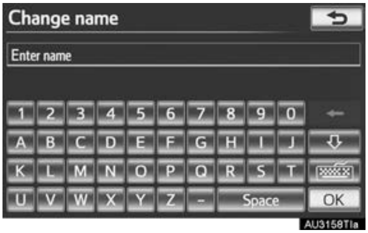
TO CHANGE “Name”

1 Touch **“Name”**.



Location: BINDUBI STREET, ARANDA, CANBERRA, AU...
Lat.:S35°15'1" Long.:E149°4'32"
Area size: 400m x 400m

2 Enter the name using the alphanumeric keys.



- Up to 70 characters can be entered.

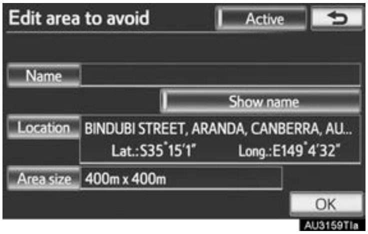
3 Touch **“OK”**.

- The previous screen will be displayed.

DISPLAYING NAMES OF AREAS TO BE AVOIDED

The name of an area to be avoided can be displayed on the map.

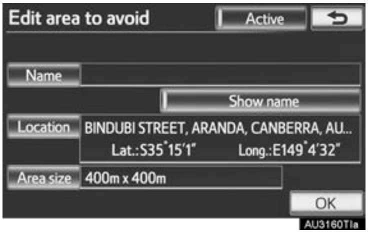
1 To display a name of the area to avoid, touch **“Show name”**. The indicator will illuminate. To hide a name of the area to avoid, touch **“Show name”** again. The indicator will turn off.



Location: BINDUBI STREET, ARANDA, CANBERRA, AU...
Lat.:S35°15'1" Long.:E149°4'32"
Area size: 400m x 400m

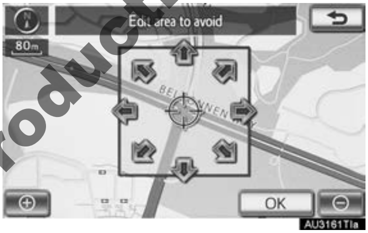
TO CHANGE “Location”

1 Touch **“Location”**.



Location: BINDUBI STREET, ARANDA, CANBERRA, AU...
Lat.:S35°15'1" Long.:E149°4'32"
Area size: 400m x 400m

2 Touch one of the 8 directional screen buttons to move the cursor ⌖ to the desired point on the map screen.

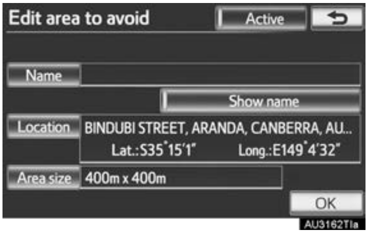


3 Touch **“OK”**.

- The previous screen will be displayed.

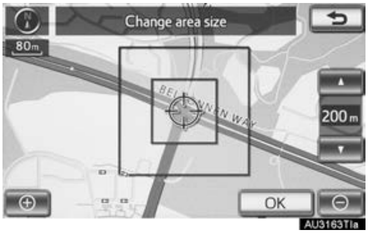
TO CHANGE “Area size”

1 Touch **“Area size”**.



Location: BINDUBI STREET, ARANDA, CANBERRA, AU...
Lat.:S35°15′1″ Long.:E149°4′32″
Area size: 400m x 400m

2 Touch either ▲ or ▼ to change the size of the area to be avoided.



3 Touch **“OK”**.

- The previous screen will be displayed.

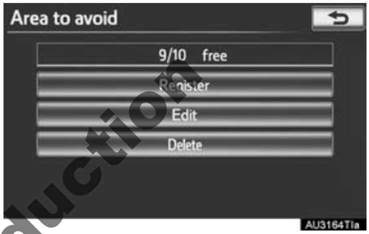
DELETING AREAS TO AVOID

1 Press the **“NAV”** button.

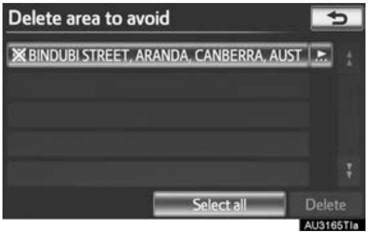
2 Touch **“Memory”** on the “Navigation menu” screen.

3 Touch **“Area to avoid”** on the “Memory point” screen.

4 Touch **“Delete”**.



5 Touch the area to be deleted.



Screen button	Function
“Select all”	Select all registered areas to avoid.
“Unselect all”	Touch to cancel the “Select all” function.

6 Touch **“Delete”**.

7 Touch **“Yes”** to delete the area(s) and touch **“No”** to cancel the deletion.

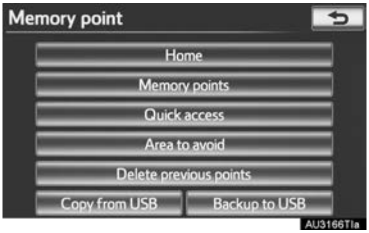
DELETING PREVIOUS DESTINATIONS

Previous destinations can be deleted.

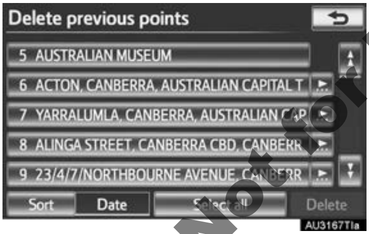
1 Press the **“NAV”** button.

2 Touch **“Memory”** on the “Navigation menu” screen.

3 Touch **“Delete previous points”**.



4 Touch the previous destination to be deleted.


Delete previous points
5 AUSTRALIAN MUSEUM
6 ACTON, CANBERRA, AUSTRALIAN CAPITAL T
7 YARRALUMLA, CANBERRA, AUSTRALIAN CAP
8 ALINGA STREET, CANBERRA CBD, CANBERR
9 23/4/7/NORTHBOURNE AVENUE, CANBERR
Sort
Date
Select all
Delete
AU3167TIa

Screen button	Function
“Select all”	Select all previous destinations.
“Unselect all”	Touch to cancel the “Select all” function.

5 Touch **“Delete”**.

6 Touch **“Yes”** to delete the destination(s) and touch **“No”** to cancel the deletion.

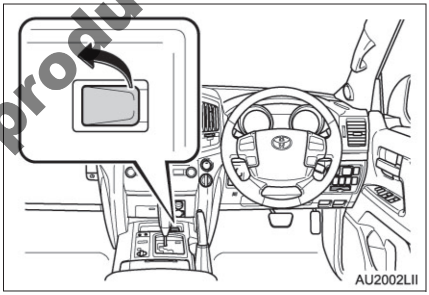
BACKUP TO A USB MEMORY

Memory points registered in the navigation system can be copied to a USB memory.

A password must first be set in order to back up data. (For instructions on setting a password, see page 115.)

- Exporting memory point data is for your back-up use only and distribution or usage in other system is strictly prohibited.

1 Open the cover and connect a USB memory.

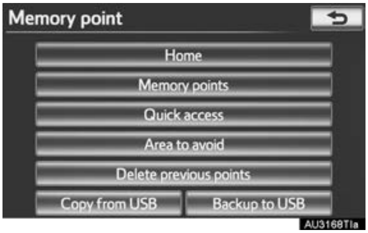


- Turn on the power of the USB memory if it is not turned on.

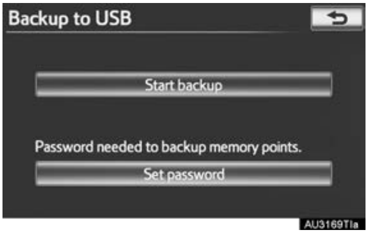
2 Press the **“NAV”** button.

3 Touch **“Memory”** on the “Navigation menu” screen.

4 Touch **“Backup to USB”**.

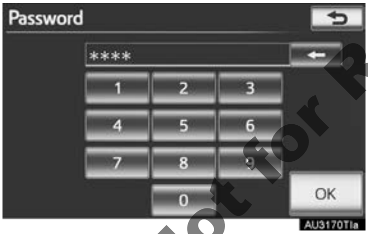


5 Touch **“Start backup”**.

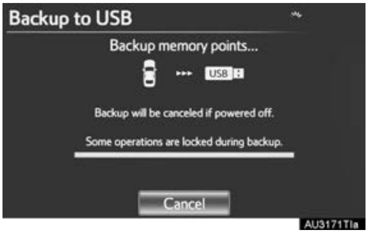


Password needed to backup memory points.

6 Enter the password and touch **“OK”**.



7 When backup starts, this screen is displayed.



Backup memory points...

Backup will be canceled if powered off.

Some operations are locked during backup.

- To cancel this function, touch **“Cancel”**.
- When backup is completed, the system will return to the “Memory point” screen.

SET PASSWORD

Once a password has been set, it will be requested not only to back up data, but also when copying memory points from a USB memory to the navigation system.

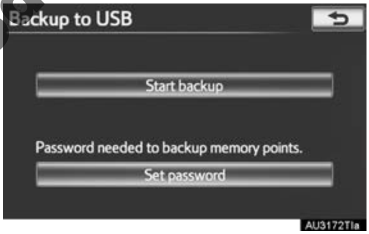
SETTING A PASSWORD

1 Press the **“NAV”** button.

2 Touch **“Memory”** on the “Navigation menu” screen.

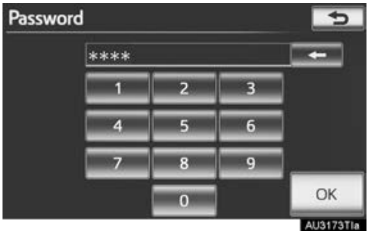
3 Touch **“Backup to USB”** on the “Memory point” screen.

4 Touch **“Set password”**.



Password needed to backup memory points.

5 Enter a password and touch **“OK”**.



6 For confirmation, re-enter the password.

- Once password setting is complete, the system will return to the “Backup to USB” screen.

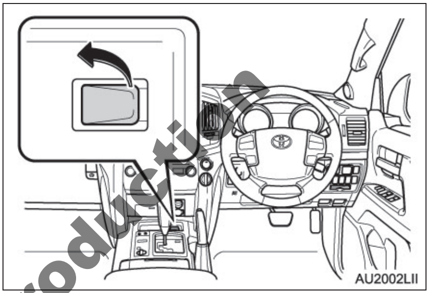
INFORMATION

- If you have forgotten the password:
  - It is necessary to initialize personal data using **“Delete personal data”**. (See “DELETING PERSONAL DATA” on page 49.)
  - Contact your Toyota dealer.

COPYING FROM A USB MEMORY

Memory points that have been backed up can be downloaded to the navigation system using a USB memory.

1 Open the cover and connect a USB memory.

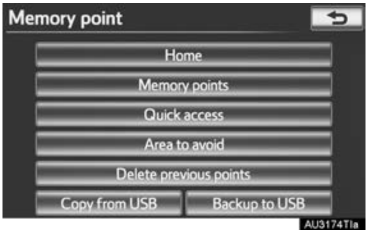


- Turn on the power of the USB memory if it is not turned on.

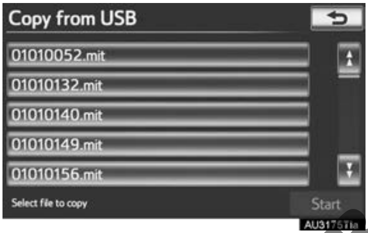
2 Press the **“NAV”** button.

3 Touch **“Memory”** on the “Navigation menu” screen.

4 Touch **“Copy from USB”**.



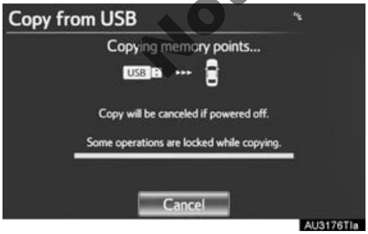
- If a password has already been set, enter the password. For instructions on setting a password, see page 115.
- If there are multiple memory points stored on the USB memory, the following options are displayed.



Select file to copy

- Select the memory points to be copied, and then touch **“Start”**.

5 When copying from a USB memory starts, this screen is displayed.



Copying memory points...

Copy will be canceled if powered off.

Some operations are locked while copying.

- To cancel this function, touch **“Cancel”**.
- When registration is complete, the system will return to the “Memory point” screen.

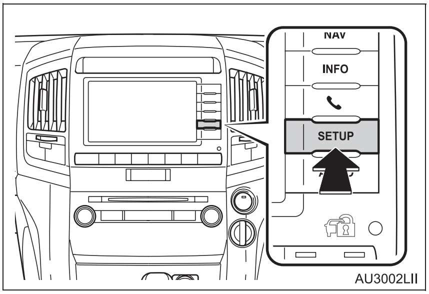
INFORMATION

- Memory points that are located outside of the map’s data range cannot be registered.
- A maximum of 500 memory points can be registered.
- When there are 21 or more memory points stored on a USB memory, only 20 memory points will be displayed at a time.
- If memory points which have the same name are already stored in the navigation system, the system may not update those memory points.

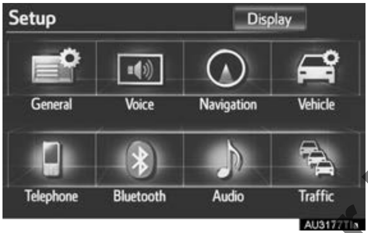
1. NAVIGATION SETTINGS

Settings are available for average speed, displayed screen contents, POI icon categories, etc.

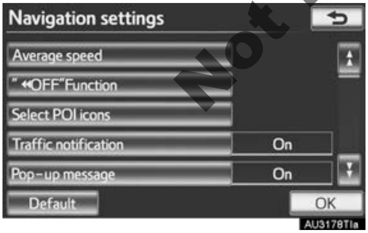
1 Press the **"SETUP"** button.



2 Touch **"Navigation"**.



3 Touch the items to be set.

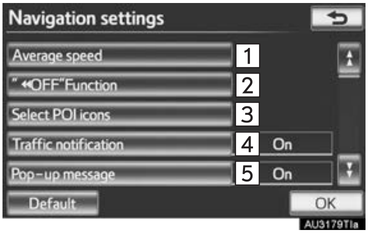


Traffic notification On

Pop-up message On

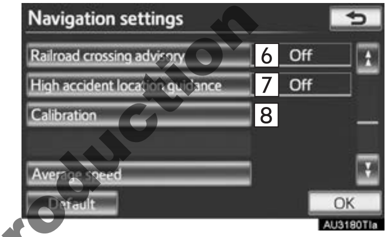
4 Touch **"OK"**.

SCREENS FOR NAVIGATION SETTINGS



Traffic notification On

Pop-up message On



Railroad crossing advisory Off

High accident location guidance Off

- On this screen, the following functions can be performed:

No.	Function
1	Touch to set the average cruising speed. (See “AVERAGE SPEED” on page 119.)
2	Touch to set screen buttons to be displayed on the map screen when “◀◀ Off” is selected. (See “SCREEN LAYOUT FUNCTION (“◀◀OFF” Function)” on page 120.)
3	Touch to set displayed POI icon categories. (See “POI CATEGORY CHANGE (SELECT POI ICONS)” on page 120.)
4	**“On”** or **“Off”** can be selected to display cautionary messages when the route includes traffic restrictions or seasonally restricted roads.
5	Touch to set the display of pop-up information to **“On”** or **“Off”**. (See “POP-UP MESSAGE” on page 121.)
6	Touch to set the railroad crossing advisory to **“On”** or **“Off”**.
7	Touch to set the high accident location guidance to **“On”** or **“Off”**.
8	Touch to adjust the current position mark manually. Miscalculation of the distance caused by tyre replacement can also be adjusted. (See “CURRENT POSITION/TYRE CHANGE CALIBRATION” on page 122.)

- To reset all setup items, touch **“Default”**.

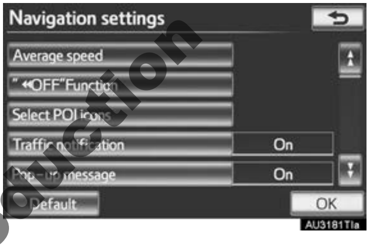
AVERAGE SPEED

The speed that is used for the calculation of the estimated travel time and estimated arrival time can be set.

1 Press the **“SETUP”** button.

2 Touch **“Navigation”** on the “Setup” screen.

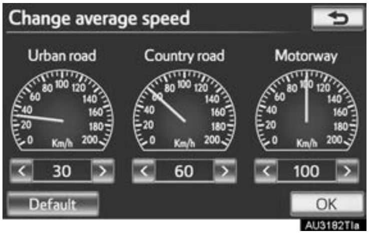
3 Touch **“Average speed”**.



Traffic notification On

Pop-up message On

4 Touch **“<”** or **“>”** to set the average vehicle speeds for “Urban road”, “Country road” and “Motorway”.



Urban road 30

Country road 60

Motorway 100

- To set the default speeds, touch **“Default”**.

5 After setting of the desired speeds is completed, touch **“OK”**.

INFORMATION

- The displayed time to the destination is the approximate driving time that is calculated based on the selected speeds and the actual position along the guidance route.
- The time shown on the screen may vary greatly depending on progress along the route, which may be affected by conditions such as traffic jams and construction work.
- Up to 99 hours 59 minutes can be displayed.

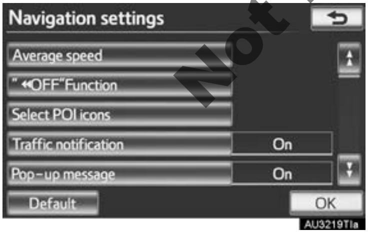
SCREEN LAYOUT FUNCTION (“◀◀OFF” Function)

Each screen button and current street name on the map screen can be displayed or hidden.

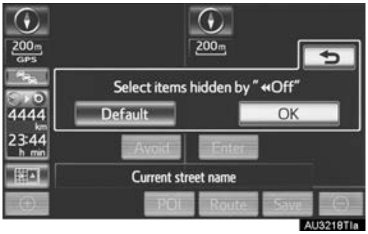
1 Press the **“SETUP”** button.

2 Touch **“Navigation”** on the “Setup” screen.

3 Touch **““◀◀OFF” Function”**.



4 Touch the screen buttons to be turned off. The selected screen buttons will be dimmed.



- To set the setting as a default, touch **“Default”**.

5 Touch **“OK”**.

- The previous screen will be displayed.

6 Touch **“OK”**.

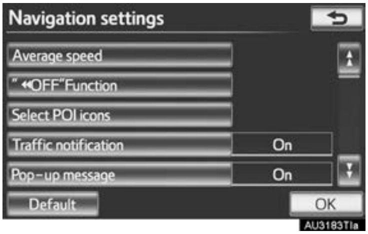
POI CATEGORY CHANGE (SELECT POI ICONS)

Select up to 6 POI icons to be displayed on the map screen.

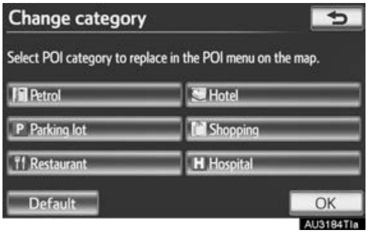
1 Press the **“SETUP”** button.

2 Touch **“Navigation”** on the “Setup” screen.

3 Touch **“Select POI icons”**.

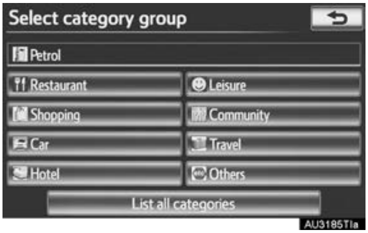


4 Touch the category to be changed.



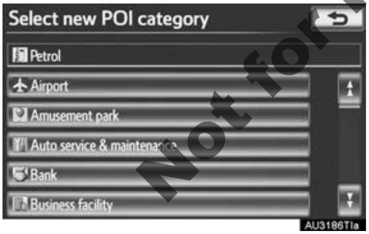
Select POI category to replace in the POI menu on the map.

5 Touch the desired group.



- If the desired POI category is not on the screen, touch **"List all categories"** to list all POI categories.

6 Touch the desired category.



- The screen returns to the "Change category" screen.

7 Touch **"OK"**.

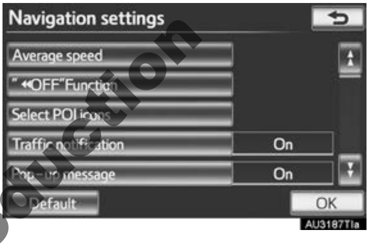
POP-UP MESSAGE

When **"Pop-up message"** is turned on, pop-up information will be displayed.

1 Press the **"SETUP"** button.

2 Touch **"Navigation"** on the "Setup" screen.

3 Touch **"Pop-up message"**.



Traffic notification: On

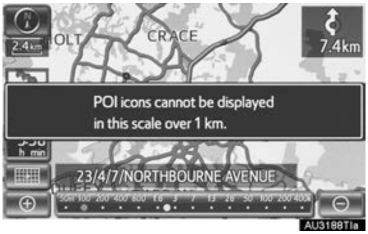
Pop-up message: On

4 Touch **"On"** or **"Off"**.

5 Touch **"OK"**.

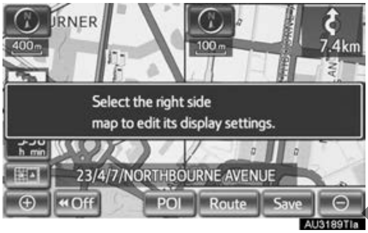
- When **“Pop-up message”** is turned off, the following messages will not be displayed.

▶ This message appears when the map scale is over 1 km.


2.4km
OLT
CRACE
7.4km
h min
23/4/7/NORTHBOURNE AVENUE
50m 100 200 400 800 1.6 3 7 13 26 50 100 200 400k
AU3188TIa

POI icons cannot be displayed in this scale over 1 km.

▶ This message appears when the map is switched to dual map screen mode.

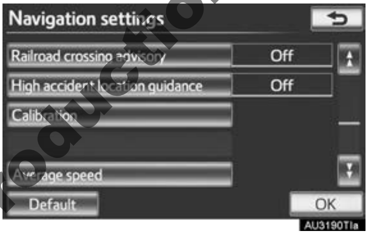


Select the right side map to edit its display settings.

CURRENT POSITION/TYRE CHANGE CALIBRATION

The current position mark can be adjusted manually. Miscalculation of the distance caused by tyre replacement can also be adjusted.

1. Press the **“SETUP”** button.
2. Touch **“Navigation”** on the “Setup” screen.
3. Touch **“Calibration”**.



Navigation settings

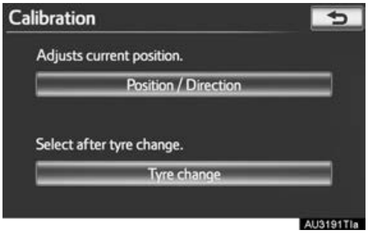
Railroad crossing advisory Off

High accident location guidance Off

Calibration

Average speed

4. Touch the desired screen button.



Calibration

Adjusts current position.

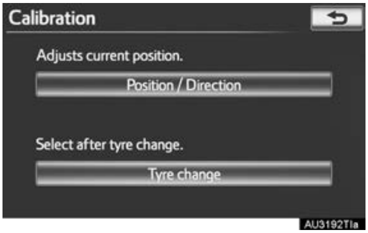
Select after tyre change.

- For additional information on the accuracy of a current position, see “LIMITATIONS OF THE NAVIGATION SYSTEM” on page 132.

POSITION/DIRECTION CALIBRATION

When driving, the current position mark will be automatically corrected by GPS signals. If GPS reception is poor due to location, the current position mark can be adjusted manually.

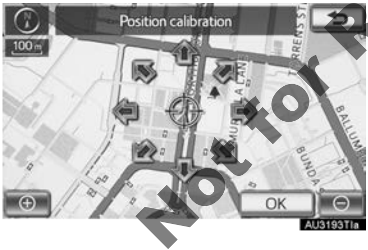
1 Touch **“Position / Direction”**.


Calibration

Adjusts current position.

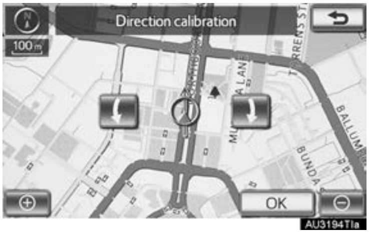
Select after tyre change.

2 Touch one of the 8 directional screen buttons to move the cursor ⌖ to the desired point on the map.



3 Touch **“OK”**.

4 Touch either ↶ or ↷ to adjust the direction of the current position mark.



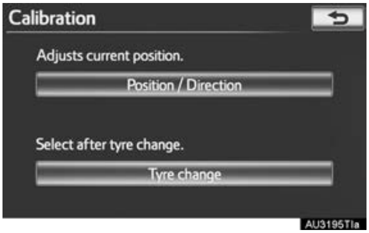
5 Touch **“OK”**.

- The map will be displayed.

TYRE CHANGE CALIBRATION

The tyre change calibration function will be used when replacing the tyres. This function will adjust miscalculation caused by the circumference difference between the old and new tyres.

1 To perform distance calibration procedure, touch **“Tyre change”**.


Calibration

Adjusts current position.

Select after tyre change.

- The message appears and the quick distance calibration is automatically started. A few seconds later, a map will be displayed.

INFORMATION

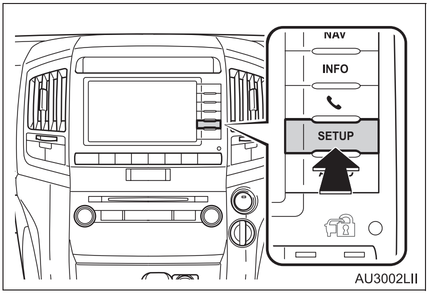
- If this procedure is not performed when the tyres are replaced, the current position mark may be incorrectly displayed.

2. VEHICLE SETTINGS

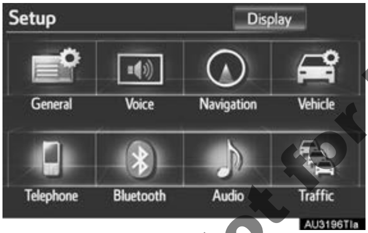
MAINTENANCE

When the navigation system is turned on, the “Information” screen displays when it is time to replace a part or certain components. (See page 24.)

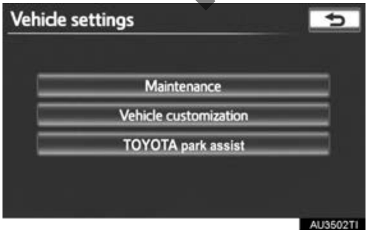
1 Press the **“SETUP”** button.



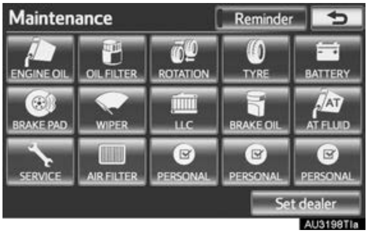
2 Touch **“Vehicle”**.



3 Touch **“Maintenance”**.



4 Touch the desired screen button.



- Setting maintenance information (See page 124.)
- Setting dealer (See page 126.)

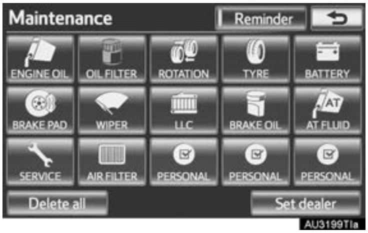
MAINTENANCE INFORMATION SETTING

1 Press the **“SETUP”** button.

2 Touch **“Vehicle”** on the “Setup” screen.

3 Touch **“Maintenance”** on the “Vehicle settings” screen.

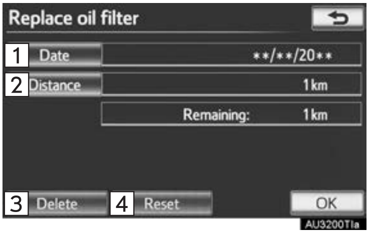
4 Touch the desired screen button.



- When the vehicle needs to be serviced, the screen button colour will change to orange.

Screen button	Function
“ENGINE OIL”	Replace engine oil
“OIL FILTER”	Replace engine oil filter
“ROTATION”	Rotate tyres
“TYRE”	Replace tyres
“BATTERY”	Replace battery
“BRAKE PAD”	Replace brake pads
“WIPER”	Replace wiper blades
“LLC”	Replace coolant
“BRAKE OIL”	Replace brake fluid
“AT FLUID”	Replace transmission fluid
“SERVICE”	Scheduled maintenance
“AIR FILTER”	Replace air filter
“PERSONAL”	New information items can be created separately from provided ones.
“Delete all”	Touch to cancel all conditions which have been input.
“Reset all”	Touch to reset the item which has satisfied a condition.
“Set dealer”	Touch to register dealer information. (See “DEALER SETTING” on page 126.)
“Reminder”	When this screen button is touched, the indicator is illuminated. The system is set to give maintenance information with the “Information” screen. (See page 24.)

5 Input the conditions.



No.	Function
1	Touch to input the next maintenance date.
2	Touch to input the driving distance until the next maintenance check.
3	Touch to cancel the date and distance conditions.
4	Touch to reset the date and distance conditions.

6 Touch **“OK”**.

- The screen then returns to the “Maintenance” screen.

INFORMATION

- For scheduled maintenance information, refer to the separate “Warranty and Service Booklet”.
- Depending on driving or road conditions, the actual date and distance maintenance should be performed may differ from the stored date and distance in the system.

DEALER SETTING

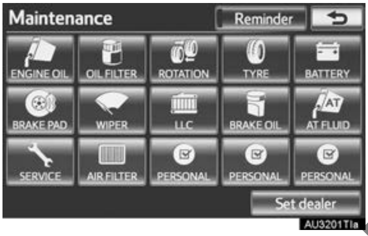
Dealer information can be registered in the system. With dealer information registered, route guidance to the dealer is available.

1 Press the **“SETUP”** button.

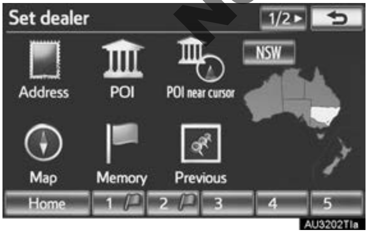
2 Touch **“Vehicle”** on the “Setup” screen.

3 Touch **“Maintenance”** on the “Vehicle settings” screen.

4 Touch **“Set dealer”**.

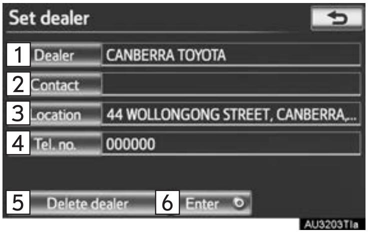


5 If the dealer has not been registered, enter the location of the dealer in the same way as for a destination search. (See “DESTINATION SEARCH” on page 58.)



- When “Set dealer” registration is finished, the “Set dealer” screen will be displayed.

6 Touch the screen button to be edited.



1 Dealer: CANBERRA TOYOTA

2 Contact:

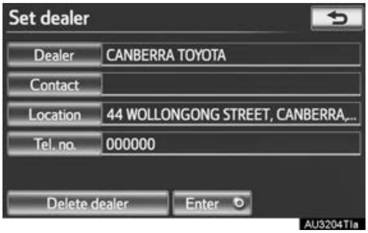
3 Location: 44 WOLLONGONG STREET, CANBERRA,...

4 Tel. no.: 000000

No.	Function
1	Touch to enter the name of a dealer. (See page 127.)
2	Touch to enter the name of a dealer member. (See page 127.)
3	Touch to set the location. (See page 127.)
4	Touch to set the telephone number. (See page 128.)
5	Touch to delete the dealer information displayed on the screen.
6	Touch to set the displayed dealer as a destination. (See “STARTING ROUTE GUIDANCE” on page 74.)

TO EDIT “Dealer” OR “Contact”

1 Touch **“Dealer”** or **“Contact”**.



Set dealer

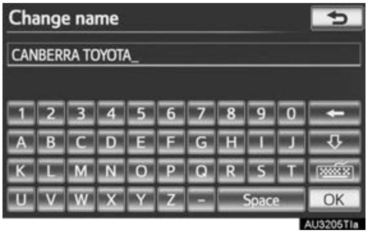
Dealer CANBERRA TOYOTA

Contact

Location 44 WOLLONGONG STREET, CANBERRA,...

Tel. no. 000000

2 Enter the name using the alphanumeric keys.



Change name

CANBERRA TOYOTA_

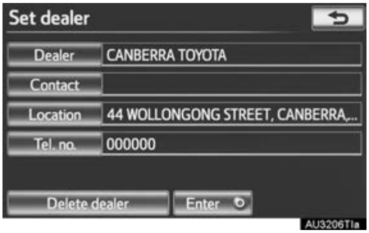
- Up to 70 characters can be entered for **“Dealer”** and 24 characters for **“Contact”**.

3 Touch **“OK”**.

- The previous screen will be displayed.

TO EDIT “Location”

1 Touch **“Location”**.



Set dealer

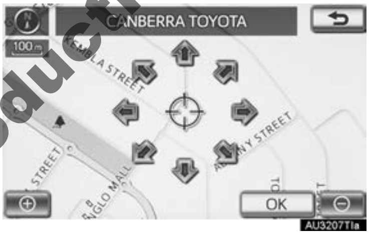
Dealer CANBERRA TOYOTA

Contact

Location 44 WOLLONGONG STREET, CANBERRA,...

Tel. no. 000000

2 Touch one of the 8 directional screen buttons to move the cursor ⌖ to the desired point on the map.

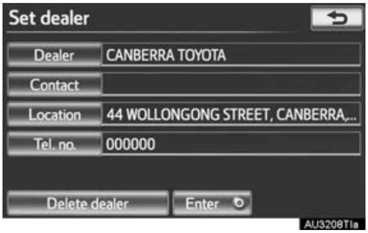


3 Touch **“OK”**.

- The previous screen will be displayed.

TO EDIT “Tel. no.” (TELEPHONE NUMBER)

1 Touch **“Tel. no.”**.


Set dealer

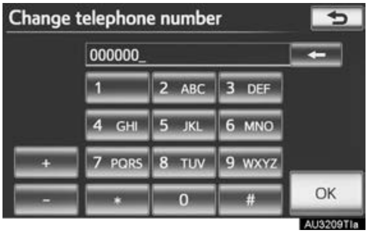
Dealer: CANBERRA TOYOTA

Contact:

Location: 44 WOLLONGONG STREET, CANBERRA,...

Tel. no.: 000000

2 Enter the number using number keys.


Change telephone number

000000_

3 Touch **“OK”**.

- The previous screen will be displayed.

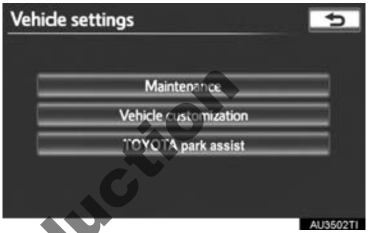
VEHICLE CUSTOMIZATION

Vehicle settings can be changed.

1 Press the **“SETUP”** button.

2 Touch **“Vehicle”** on the “Setup” screen.

3 Touch **“Vehicle customization”**.



4 Touch the desired items to be set.

- For a list of the settings that can be changed, refer to “Owner’s Manual”.

5 After changing the settings, touch **“OK”**. A message indicating that the settings are being saved will appear. Do not perform any other operations while this message is displayed.

CAUTION

- When performing the customization procedure, ensure that there is sufficient ventilation in the vehicle and surrounding area. If there is insufficient ventilation, exhaust gases may collect and enter the vehicle. Exhaust gases include harmful carbon monoxide (CO) and inhaling them may lead to death or a serious health hazard.

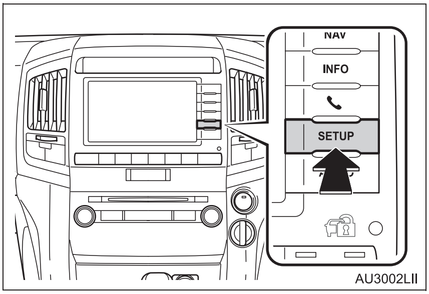
INFORMATION

- To avoid discharging the battery, perform the customization procedure with the engine running.

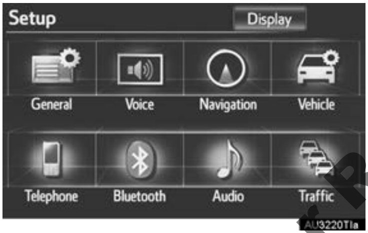
3. TRAFFIC SETTINGS

Settings are available for displaying traffic information icons, receivable traffic stations, etc.

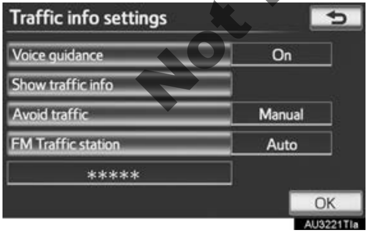
1 Press the **“SETUP”** button.



2 Touch **“Traffic”**.



3 Touch the desired items to be set.


Traffic info settings

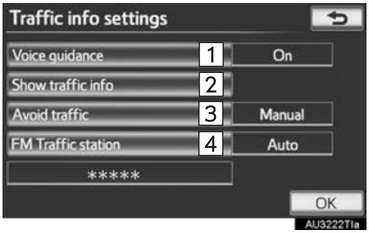
Voice guidance: On

Show traffic info

Avoid traffic: Manual

FM Traffic station: Auto

SCREEN FOR TRAFFIC SETTINGS


Traffic info settings

Voice guidance 1: On

Show traffic info 2

Avoid traffic 3: Manual

FM Traffic station 4: Auto

- On this screen, the following functions are available:

No.	Function
1	**“On”** or **“Off”** can be selected for voice guidance for traffic information.
2	Traffic information icon display can be set. (See “SHOW TRAFFIC INFO” on page 130.)
3	The avoid traffic events function can be set to **“Auto”**, **“Manual”** or **“Off”**. (See “AVOID TRAFFIC” on page 130.)
4	Traffic stations can be selected using automatic search or manual search. (See “SELECT TRAFFIC STATION” on page 131.)

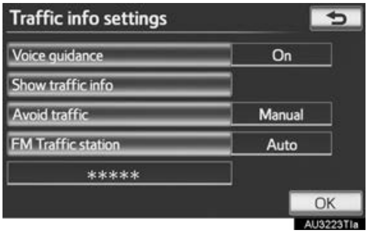
SHOW TRAFFIC INFO

Traffic information icon display can be set.

1 Press the **“SETUP”** button.

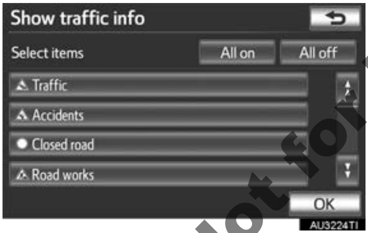
2 Touch **“Traffic”** on the “Setup” screen.

3 Touch **“Show traffic info”**.



Voice guidance On
Avoid traffic Manual
FM Traffic station Auto

4 Select the desired icons to be displayed on the map by touching the screen button.



“All on”: Touch to select all icons in the traffic information.

“All off”: Touch to cancel all the selections.

5 Touch **“OK”**.

- The selected icons appear on the map.

- For traffic information icon, see “TRAFFIC INFORMATION” on page 84.

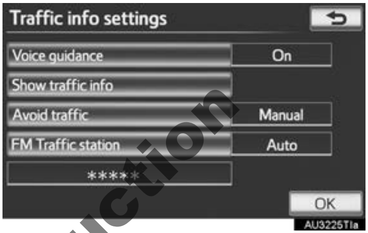
AVOID TRAFFIC

The avoid traffic events function can be set to **“Auto”**, **“Manual”** or **“Off”**.

1 Press the **“SETUP”** button.

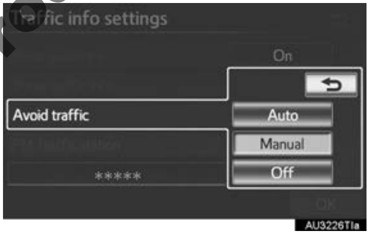
2 Touch **“Traffic”** on the “Setup” screen.

3 Touch **“Avoid traffic”**.



Voice guidance On
Avoid traffic Manual
FM Traffic station Auto

4 Touch **“Auto”**, **“Manual”** or **“Off”**.



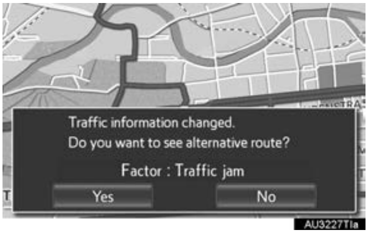
“Auto”: The system automatically changes to a new route.

“Manual”: When the system calculates a new route, a confirmation to accept the new route is displayed on the screen.

“Off”: The system will not calculate a new route.

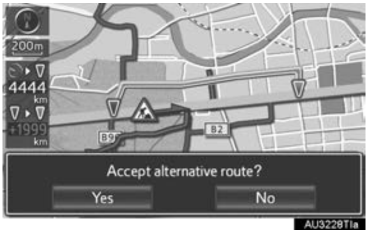
5 Touch **“OK”**.

▶When **“Manual”** is selected



Traffic information changed.
Do you want to see alternative route?
Factor : Traffic jam

- When the navigation system calculates a new route, the message “Traffic information changed. Do you want to see alternative route?” will be displayed. Touch **“Yes”** to display the new route.



Accept alternative route?

- To change from the current route to the alternative route, touch **“Yes”**.

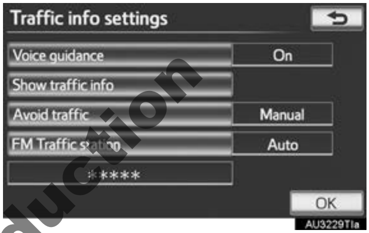
SELECT TRAFFIC STATION

If **“Manual”** is selected, traffic stations must be searched for before being memorised.

1 Press the **“SETUP”** button.

2 Touch **“Traffic”** on the “Setup” screen.

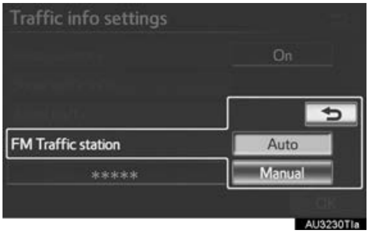
3 Touch **“FM Traffic station”**.



Traffic info settings

Voice guidance: On
Show traffic info
Avoid traffic: Manual
FM Traffic station: Auto
*****

4 Touch **“Manual”**.

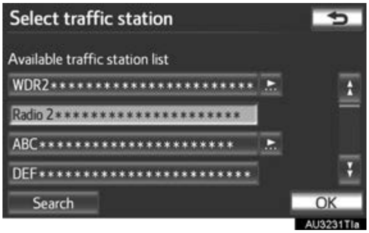


Traffic info settings

FM Traffic station
*****

- A list of traffic stations which it can be received is displayed on the “Select traffic station” screen.

5 Touch the desired traffic station.



Select traffic station

Available traffic station list
WDR2************************
Radio 2**********************
ABC***********************
DEF************************

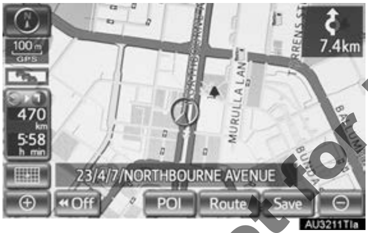
6 Touch **“OK”**.

- Touch **“Search”** to search for traffic stations again.

1. LIMITATIONS OF THE NAVIGATION SYSTEM

This navigation system calculates the current position using satellite signals, various vehicle signals, map data, etc. However, an accurate position may not be shown depending on satellite conditions, road configuration, vehicle condition or other circumstances.

The Global Positioning System (GPS) developed and operated by the U.S. Department of Defense provides an accurate current position, normally using 4 or more satellites, and in some case 3 satellites. The GPS system has a certain level of inaccuracy. While the navigation system will compensate for this most of the time, occasional positioning errors of up to 100 m can and should be expected. Generally, position errors will be corrected within a few seconds.



When the vehicle is receiving signals from satellites, the “GPS” mark appears at the top left of the screen.

The GPS signal may be physically obstructed, leading to inaccurate vehicle position on the map screen. Tunnels, tall buildings, trucks, or even the placement of objects on the instrument panel may obstruct the GPS signals.

The GPS satellites may not send signals due to repairs or improvements being made to them.

Even when the navigation system is receiving clear GPS signals, the vehicle position may not be shown accurately or inappropriate route guidance may occur in some cases.

⚠ NOTICE

- The installation of window tinting may obstruct the GPS signals. Most window tinting contains some metallic content that will interfere with GPS signal reception of the antenna in the instrument panel. We advise against the use of window tinting on vehicles equipped with navigation systems.

- Accurate current position may not be shown in the following cases:
  - When driving on a small angled Y-shaped road.
  - When driving on a winding road.
  - When driving on a slippery road such as in sand, gravel, snow, etc.
  - When driving on a long straight road.
  - When motorway and surface streets run in parallel.
  - After moving by ferry or vehicle carrier.
  - When a long route is searched during high speed driving.
  - When driving without setting the current position calibration correctly.
  - After repeating a change of direction by going forward and backward, or turning on a turntable in a parking lot.
  - When leaving a covered parking lot or parking garage.
  - When a roof carrier is installed.
  - When driving with tyre chains installed.
  - When the tyres are worn.
  - After replacing a tyre or tyres.
  - When using tyres that are smaller or larger than the factory specifications.
  - When the tyre pressure in any of the 4 tyres is not correct.

- If the vehicle cannot receive GPS signals, the current position can be adjusted manually. For information on setting the current position calibration, see page 122.

- Inappropriate route guidance may occur in the following cases:
  - When turning at an intersection off the designated route guidance.
  - If you set more than 1 destination but skip any of them, auto reroute will display a route returning to the destination on the previous route.
  - When turning at an intersection for which there is no route guidance.
  - When passing through an intersection for which there is no route guidance.
  - During auto reroute, the route guidance may not be available for the next turn to the right or left.
  - During high speed driving, it may take a long time for auto reroute to operate. In auto reroute, a detour route may be shown.
  - After auto reroute, the route may not be changed.
  - If an unnecessary U-turn is shown or announced.
  - If a location has multiple names and the system announces 1 or more of them.
  - When a route cannot be searched.
  - If the route to your destination includes gravel, unpaved roads or alleys, the route guidance may not be shown.
  - Your destination point might be shown on the opposite side of the street.
  - When a portion of the route has regulations prohibiting the entry of the vehicle that vary by time or season or other reasons.
  - The road and map data stored in the navigation system may not be complete or may not be the latest version.

- After replacing a tyre, implement the operation described in “TYRE CHANGE CALIBRATION”. (See page 123.)

INFORMATION

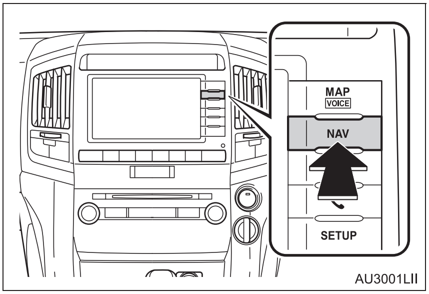
- This navigation system uses tyre turning data and is designed to work with factory-specified tyres for the vehicle. Installing tyres that are larger or smaller than the originally equipped diameter may cause inaccurate display of the current position. The tyre pressure also affects the diameter of the tyres, so make sure that the tyre pressure of all 4 tyres is correct.

2. MAP DATABASE VERSION AND COVERED AREA

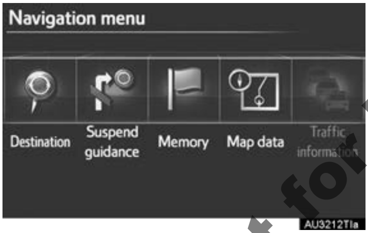
MAP INFORMATION

Coverage areas and legal information can be displayed and map data can be updated.

1 Press the **“NAV”** button.



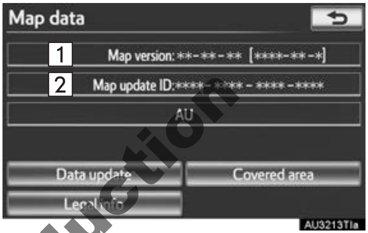
2 Touch **“Map data”**.



3 The map data screen will be displayed.

INFORMATION

- Map data updates are available for a fee. Contact your Toyota dealer for further information.
- The “Map data” screen displays 1 “Map version” and 2 “Map update ID”. This data is needed to perform a map data update.



Map version: **-**-** [****-**-*]
Map update ID:****- **** - **** -****

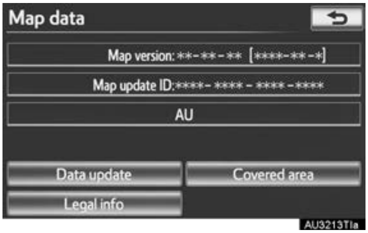
LEGAL INFORMATION

Legal information related to the map data can be displayed.

1 Press the **“NAV”** button.

2 Touch **“Map data”** on the “Navigation menu” screen.

3 Touch **“Legal info”**.



Map version: **-**-** [****-**-*]
Map update ID:****- **** - **** -****

- The “Legal information” screen will be displayed.

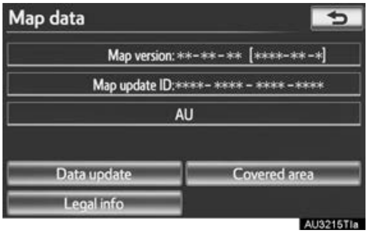
COVERED AREA

Map data coverage areas can be displayed.

1 Press the **“NAV”** button.

2 Touch **“Map data”** on the “Navigation menu” screen.

3 Touch **“Covered area”**.



Map data

Map version: **-**-** [****-**-*]

Map update ID:****-****-****-****

AU

- The “Map data coverage” screen will be displayed.

4

TELEPHONE

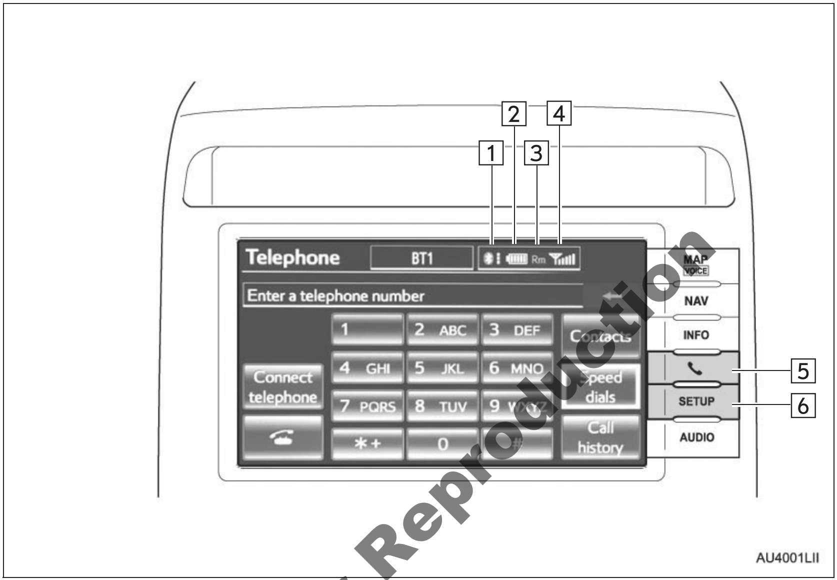
1 TELEPHONE OPERATION

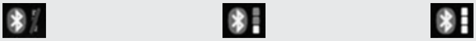
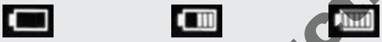
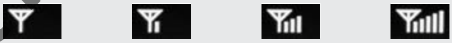
2 SETUP

*: Point of Interest

1. QUICK REFERENCE

Bluetooth® phones can be operated via the navigation system’s screen. To display the hands-free operation screen, press the 📞 button or the ☎ switch on the steering wheel.



No.	Name	Function
1	The condition of Bluetooth® connection	 No connection ◀——▶ Good An antenna for the Bluetooth® connection is built in the instrument panel. The condition of the Bluetooth® connection may deteriorate and the system may not function when a Bluetooth® phone is used in the following conditions and/or places: • The cellular phone is obstructed by certain objects (such as when it is behind the seat or in the glove box and console box). • The cellular phone touches or is covered with metal materials. Leave the Bluetooth® phone in a place where the condition of the Bluetooth® connection is good. When the cellular phone is not connected, “No connect” is displayed.
2	The amount of battery charge left	 Empty ◀——▶ Full This is not displayed when the Bluetooth® is not connected. The amount displayed does not always correspond with the amount displayed on the cellular phone. The amount of battery charge left may not be displayed depending on the type of telephone you have. This system does not have a charging function.
3	The receiving area	“Rm” is displayed when receiving in a roaming area. The receiving area may not be displayed depending on the type of telephone you have.
4	The level of reception	 Poor ◀——▶ Excellent The level of reception does not always correspond with the level displayed on the cellular phone. The level of reception may not be displayed depending on the telephone you have. When the cellular phone is out of the service area or in a place inaccessible by radio waves, “No service” is displayed.
5	📞 button	Press to display the hands-free operation screen.
6	“SETUP” button	Press to display the “Setup” screen. Touching **“Telephone”** or **“Bluetooth*”** on the “Setup” screen displays the hands-free setup screen.

*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

2. TELEPHONE (HANDS-FREE SYSTEM FOR CELLULAR PHONE)

The hands-free system enables calls to be made and received without having to take your hands off the steering wheel.

This system supports Bluetooth®. Bluetooth® is a wireless data system that enables cellular phones to be used without being connected by a cable or placed in a cradle.

The operating procedure of the telephone is explained here.

- For registering and setting of the telephone, see “TELEPHONE SETTINGS” on page 158 and “Bluetooth® SETTINGS” on page 175.

CAUTION

- While driving, do not use a cellular phone or connect the Bluetooth® phone.
- Your audio unit is fitted with Bluetooth® antennas. People with implanted pacemakers or cardiac defibrillators should maintain a reasonable distance between themselves and the Bluetooth® antennas. The radio waves may affect the operation of such devices.
- Before using Bluetooth® devices, users of any electrical medical device other than implanted pacemakers and implanted cardiac defibrillators should consult the manufacturer of the device for information about its operation under the influence of radio waves. Radio waves could have unexpected effects on the operation of such medical devices.

NOTICE

- Do not leave your cellular phone in the vehicle. The temperature inside may rise to a level that could damage the telephone.

INFORMATION

- If your cellular phone does not support Bluetooth®, this system cannot function.
- In the following conditions, the system may not function:
  - The cellular phone is turned off.
  - The current position is outside the communication area.
  - The cellular phone is not connected.
  - The cellular phone has a low battery.
- When using Bluetooth® audio and hands-free at the same time, the following problems may occur:
  - The Bluetooth® connection may be cut.
  - Noise may be heard on the Bluetooth® audio playback.
- This system supports the following services.
  - Bluetooth® Specification
    Ver.1.1 or higher
    (Recommended: Ver.2.1 + EDR or higher)
  - Profiles
    HFP (Hands Free Profile)
    Ver.1.0 or higher
    (Recommended: Ver.1.5 or higher)
    OPP (Object Push Profile)
    Ver.1.1 or higher
    PBAP (Phone Book Access Profile)
    Ver.1.0 or higher

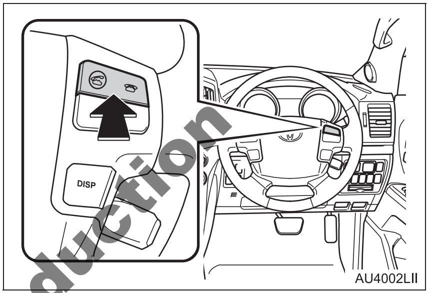
INFORMATION

- If your cellular phone does not support HFP, registering the Bluetooth® phone or using OPP or PBAP profiles individually will not be possible.
- If the connected Bluetooth® phone version is older than recommended or incompatible, this function may not be used.

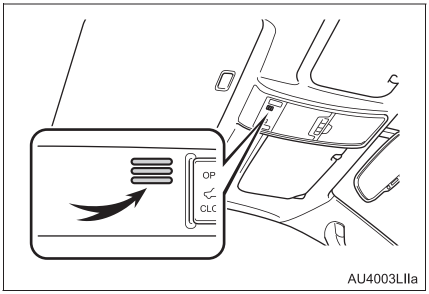
Bluetooth is a registered trademark of Bluetooth SIG, Inc.

USING THE TELEPHONE SWITCH

By pressing the telephone switch, a call can be received or ended without taking your hands off the steering wheel.



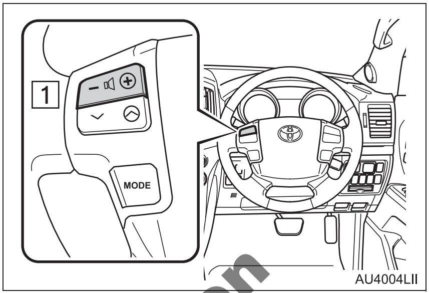
- The microphone can be used when talking on the telephone.



INFORMATION

- The other party’s voice will be heard from the front speakers. The audio/video system will be muted during telephone calls or when hands-free speech commands are used.
- Talk alternately with the other party on the telephone. If both parties speak at the same time, the other party may not hear what has been said. (This is not a malfunction.)
- Keep call volume down. Otherwise, the other party’s voice may be audible outside the vehicle and voice echo may increase. When talking on the phone, speak clearly towards the microphone.
- The other party may not hear you clearly when:
  - Driving on an unpaved road. (Making excessive traffic noise.)
  - Driving at high speeds.
  - The roof or windows are open.
  - The air conditioning vents are pointed towards the microphone.
  - The sound of the air-conditioning fan is loud.
  - There is a negative effect on sound quality due to the telephone and/or network being used.

USING THE STEERING SWITCHES



1 Volume control switch

- Press the **“+”** side to increase the volume.
- Press the **“-”** side to decrease the volume.

ABOUT THE PHONEBOOK IN THIS SYSTEM

- The following data is stored for every registered telephone. When another telephone is connected, the following registered data cannot be read:
  - Phonebook data
  - Call history data
  - Speed dial data
  - Image data
  - All telephone settings

INFORMATION

- When a telephone’s registration is deleted, the above-mentioned data is also deleted.

WHEN SELLING OR DISPOSING OF THE VEHICLE

A lot of personal data is registered when the hands-free system is used. When selling or disposing of the vehicle, initialize the data. (See "DELETING PERSONAL DATA" on page 49.)

- The following data in the system can be initialized:
  - Phonebook data
  - Call history data
  - Speed dial data
  - Image data
  - All telephone settings

INFORMATION

- Once initialized, the data and settings will be erased. Pay much attention when initializing the data.

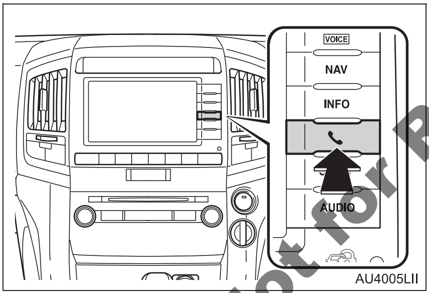
3. REGISTER A Bluetooth® PHONE

To use the hands-free system, it is necessary to register a telephone with the system. Once the telephone has been registered, it is possible to make a hands-free call.

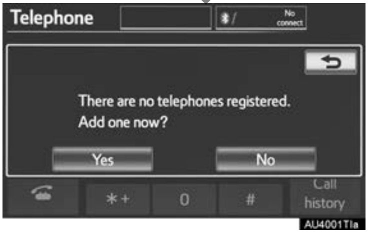
If a Bluetooth® phone has not been registered yet, it is necessary to register it first according to the following procedure. A Bluetooth® phone cannot be registered while driving.

- See “REGISTERING A Bluetooth® DEVICE” on page 176 of additional registration when registering.

1 Press the 📞 button or the ☎ switch on the steering wheel.



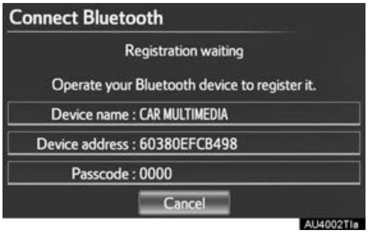
2 Touch **“Yes”** to register a telephone.


Telephone

There are no telephones registered.
Add one now?

- If 5 Bluetooth® devices have already been registered, a registered device needs to be deleted. See “When 5 Bluetooth® devices have already been registered” on page 145.

3 When this screen is displayed, operate the Bluetooth® device.


Connect Bluetooth

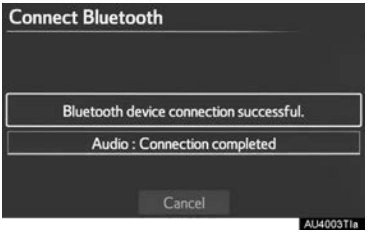
Registration waiting

Operate your Bluetooth device to register it.

Device name : CAR MULTIMEDIA
Device address : 60380EFCB498
Passcode : 0000

- Search for the navigation system displayed on the system’s screen using your Bluetooth® device, and register the Bluetooth® device.
  For details about operating the Bluetooth® device, see the manual that comes with it.
- A passcode is not required for SSP (Secure Simple Pairing) compatible Bluetooth® phones. Depending on the type of Bluetooth® phone being connected, a message confirming registration may be displayed on the Bluetooth® phone’s screen. Respond and operate the Bluetooth® phone according to the confirmation message.
- To cancel the registration, touch **“Cancel”**.
- If the Bluetooth® phone to be registered has a Bluetooth® audio function, this can be registered at the same time.

4 This screen will be displayed when registration is complete.

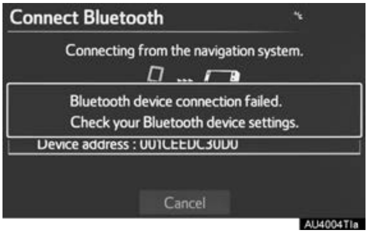

Connect Bluetooth

Bluetooth device connection successful.

Audio : Connection completed

- When using the same telephone, it is not necessary to register it again.

▶When this screen is displayed, follow the guidance on the screen to try again.



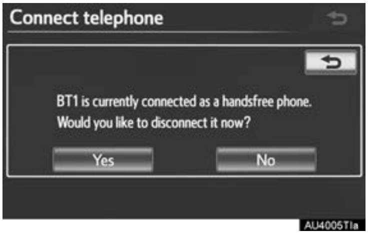
Connect Bluetooth

Connecting from the navigation system.

Bluetooth device connection failed.
Check your Bluetooth device settings.

Device address : 001CEEDC30D0

▶When another Bluetooth® device is connected



Connect telephone

BT1 is currently connected as a handsfree phone.
Would you like to disconnect it now?

- When another Bluetooth® device is currently connected, this screen is displayed.
- To disconnect the Bluetooth® device, touch **“Yes”**.

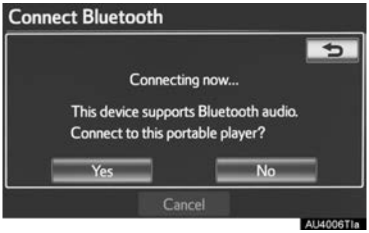
▶When 5 Bluetooth® devices have already been registered

1 When 5 Bluetooth® devices have already been registered, a registered device needs to be deleted. Touch **“Yes”** to delete 1 or more.

2 Touch the device to be deleted, then touch **“Remove”**.

3 Touch **“Yes”**.

▶If the Bluetooth® phone has a Bluetooth® audio function



Connect Bluetooth

Connecting now...

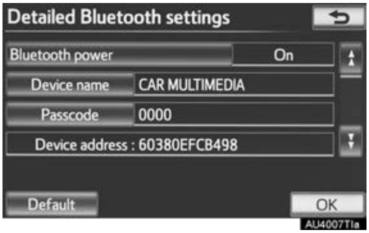
This device supports Bluetooth audio.
Connect to this portable player?

- When the Bluetooth® phone to be registered has a Bluetooth® audio function, this audio function will be registered automatically at the same time and this screen may be displayed. If this screen is displayed, touch **“Yes”** to connect the audio function or touch **“No”** to cancel the connection.

CONNECTING A Bluetooth® PHONE

AUTOMATICALLY

When a telephone is registered, auto connection is turned on. Always set it to this mode and leave the Bluetooth® phone in a location where connection can be established.



Detailed Bluetooth settings

Bluetooth power: On

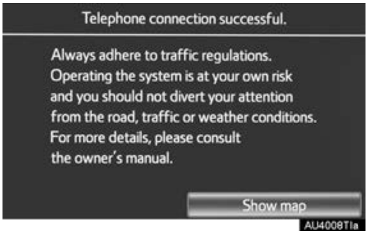
Device name: CAR MULTIMEDIA

Passcode: 0000

Device address : 60380EFCB498

- For automatic connection, see “CHANGING “Bluetooth* power”” on page 183.

*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.



Telephone connection successful.

Always adhere to traffic regulations. Operating the system is at your own risk and you should not divert your attention from the road, traffic or weather conditions. For more details, please consult the owner's manual.

- When the "ENGINE START STOP" switch is in ACCESSORY or IGNITION ON mode, the system searches for a nearby registered cellular phone.
- The system will connect with the telephone that was last connected, if it is nearby.
  When **"Display telephone status"** is set to **"On"**, the connection status is displayed. (See "Bluetooth® DEVICE CONNECTION STATUS DISPLAY SETTINGS" on page 184.)
- This screen appears when the Bluetooth® phone is first connected after the "ENGINE START STOP" switch is in ACCESSORY or IGNITION ON mode.

INFORMATION

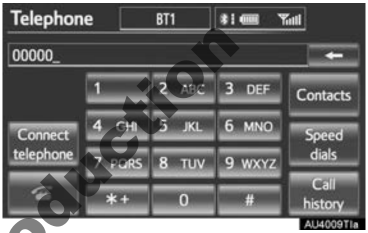
- It may take time if the telephone connection is carried out during Bluetooth® device playback.
  Depending on the type of Bluetooth® phone being connected, it may be necessary to perform additional steps on the telephone.

MANUALLY

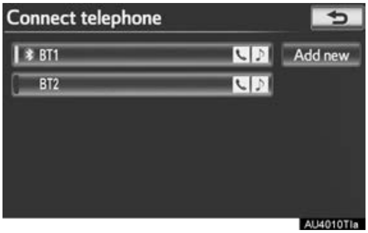
When the auto connection has failed or **"Bluetooth* power"** is turned off, it is necessary to connect Bluetooth® manually.

1 Press the ☎ button or the ☎ switch on the steering wheel.

2 Touch **"Connect telephone"**.



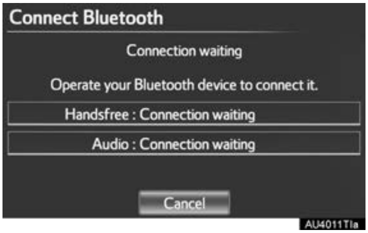
3 Touch the screen button corresponding to the desired telephone connection.



- When the cellular phone's device name has not been able to be obtained, "Device 1" to "Device 5" will be displayed in the order the telephones were registered.

*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

4 This screen is displayed.


Connect Bluetooth

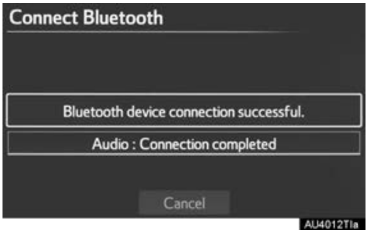
Connection waiting

Operate your Bluetooth device to connect it.

Handsfree : Connection waiting

Audio : Connection waiting

5 When the connection is completed, this screen is displayed.

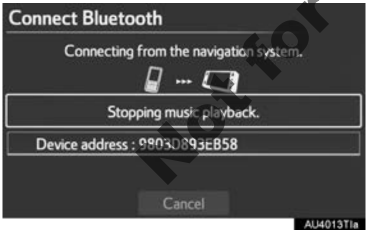

Connect Bluetooth

Bluetooth device connection successful.

Audio : Connection completed

- Now you can use the Bluetooth® phone.

▶When a telephone is connected while Bluetooth® audio is playing


Connect Bluetooth

Connecting from the navigation system.

Stopping music playback.

Device address : 9803D893EB58

- This screen is displayed, and the Bluetooth® audio will stop temporarily.

RECONNECTING THE Bluetooth® PHONE

If a Bluetooth® phone is disconnected due to poor reception from the Bluetooth® network when the “ENGINE START STOP” switch is in ACCESSORY or IGNITION ON mode, the system automatically reconnects the Bluetooth® phone. When **“Display telephone status”** is set to **“On”**, the connection status is displayed.

- If a Bluetooth® phone is disconnected on purpose, such as turning it off, this does not happen. Reconnect the Bluetooth® phone manually.

4. CALL ON THE Bluetooth® PHONE

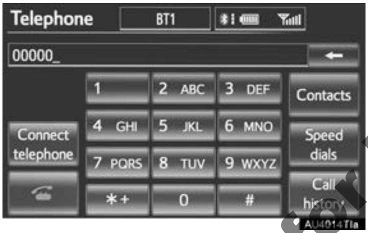
After a Bluetooth® phone has been registered, a call can be made using the hands-free system. There are 6 methods by which a call can be made. These are described below.

BY DIAL

A call can be made by inputting the telephone number.
This cannot be operated while driving.

1 Press the ☎ button or the ☎ switch on the steering wheel.

2 Touch the desired keys to input the telephone number.



- Each time ← is touched, an input digit is deleted.

3 Touch ☎ or press the ☎ switch on the steering wheel.

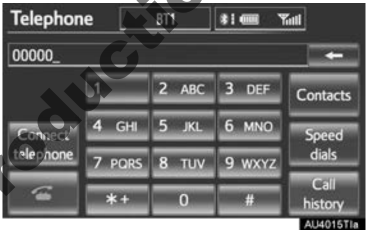
- Depending on the type of Bluetooth® phone being connected, it may be necessary to perform additional steps on the telephone.

BY PHONEBOOK

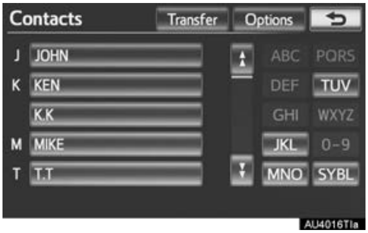
Calls can be made by using the phonebook data which is transferred from the registered cellular phone.

The phonebook changes depending on the telephone connected. Up to 1000 contacts (maximum of 3 numbers per contact) can be registered in each phonebook.
This cannot be operated while driving.

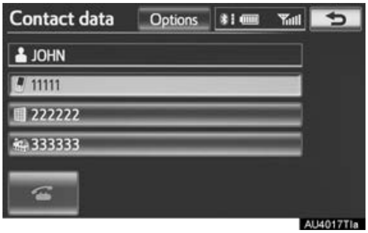
1 Touch **"Contacts"**.



2 Touch the desired data from the list.



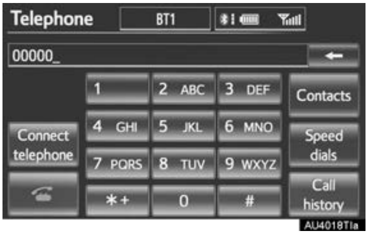
3 Touch the desired number from the list.



4 Touch ☎ or press the ☎ switch on the steering wheel.

WHEN THE PHONEBOOK IS EMPTY

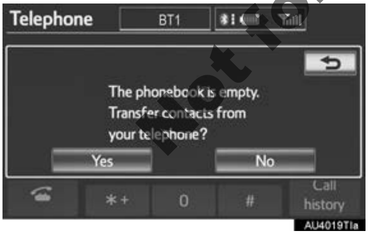
1 Touch **“Contacts”**.



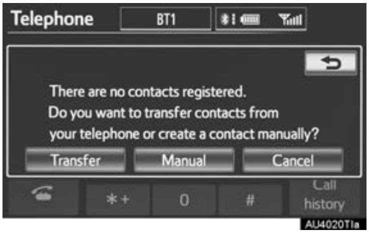
2 Touch **“Yes”** or **“Transfer”** to automatically transfer the phonebook from the connected telephone.

- Touch **“Manual”** to transfer the phonebook manually. (See “TRANSFERRING A TELEPHONE NUMBER” on page 161.)
- Touch **“No”** or **“Cancel”** to cancel transferring.
- If your cellular phone is neither PBAP nor OPP compatible, the phonebook cannot be transferred.

▶PBAP compatible models

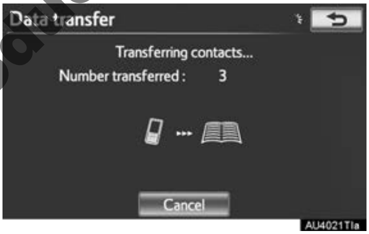

The phonebook is empty.
Transfer contacts from
your telephone?

▶PBAP incompatible but OPP compatible models


There are no contacts registered.
Do you want to transfer contacts from
your telephone or create a contact manually?

3 Transfer the phonebook data to the system using the Bluetooth® phone.

- Depending on the type of cellular phone, OBEX authentication may be required when transferring phonebook data. Enter “1234” into the Bluetooth® phone.

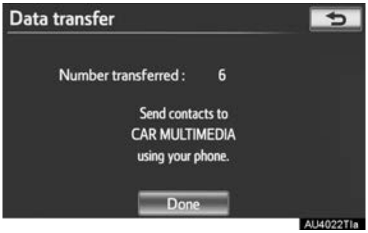

Transferring contacts...
Number transferred : 3

- This screen appears while transferring. To cancel this function, touch **“Cancel”**.

INFORMATION

- Depending on the type of Bluetooth® phone:
  - It may be necessary to perform additional steps on the phone when transferring phonebook data.
  - The registered image on the phonebook may not appear when phonebook data is transferred.

4 When the data transfer from a PBAP incompatible but OPP compatible model is complete, **"Done"** will appear on the screen. Touch **"Done"**.



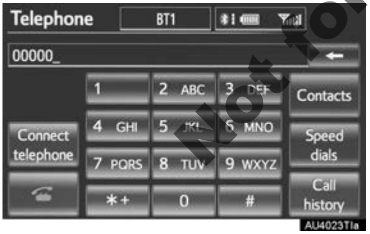
Number transferred : 6

Send contacts to CAR MULTIMEDIA using your phone.

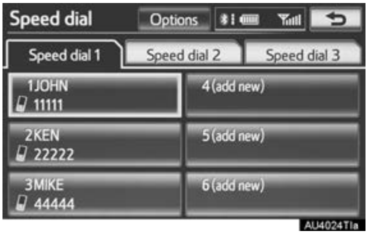
BY SPEED DIAL

Calls can be made using registered telephone numbers which can be selected from a phonebook. (See "REGISTERING THE SPEED DIAL" on page 168 for registering the speed dial.)
This can be operated while driving.

1 Touch **"Speed dials"**.



2 Touch the desired number to call.



1JOHN 11111

2KEN 22222

3MIKE 44444

- The list to be displayed can be changed by touching the **"Speed dial 1"**, **"Speed dial 2"** or **"Speed dial 3"** tab.

BY CALL HISTORY

CALLS CAN BE MADE BY CALL HISTORY WHICH HAS 4 FUNCTIONS

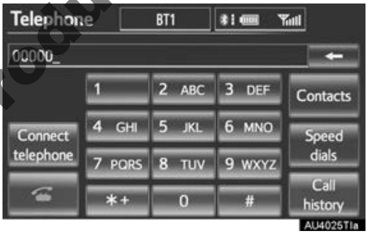
All: all calls (missed, incoming or outgoing)
Up to 25 call history items can be selected from the **"All"** tab while driving.

Missed: calls that were missed

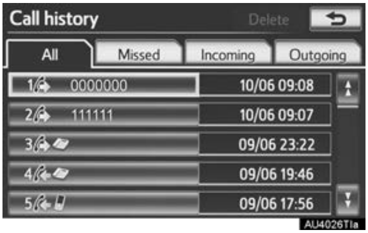
Incoming: calls that were received

Outgoing: calls that were made

1 Touch **"Call history"**.



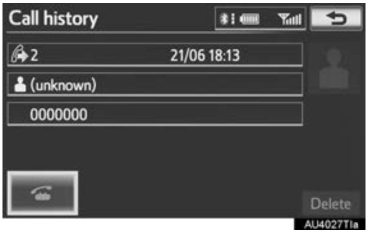
2 Touch the desired data from the list.



1 0000000 10/06 09:08
2 111111 10/06 09:07
3 09/06 23:22
4 09/06 19:46
5 09/06 17:56

- The list to be displayed can be changed by touching the **"All"**, **"Missed"**, **"Incoming"** or **"Outgoing"** tab.

3 Touch ☎ or press the ☎ switch on the steering wheel.



CALLS CAN BE MADE USING THE LATEST CALL HISTORY ITEM

1 Press the ☎ switch on the steering wheel to display the “Telephone” screen.

2 Press the ☎ switch on the steering wheel to display the “Call history” screen.

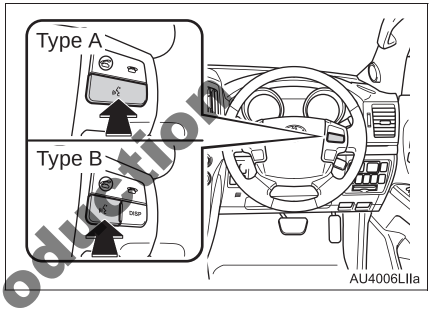
3 Press the ☎ switch on the steering wheel to select the latest history item.

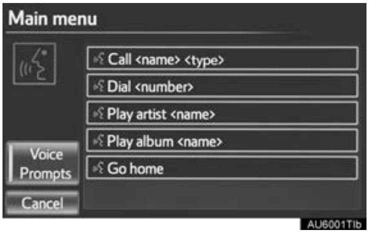
4 Touch ☎ or press the ☎ switch on the steering wheel to call the latest history item.

- When making a call by phonebook, the name (if registered) is displayed.
- When making a call to the same number continuously, only the most recent call is listed in call history.
- When a telephone number registered in the phonebook is received, the name and the number are displayed.
- Number-withheld calls are also memorized in the system.

BY VOICE RECOGNITION

Calls can be made by giving a speech command. (For the operation and command of voice recognition, see “SPEECH COMMAND SYSTEM” on page 296.)
This can be operated while driving.





SPEECH COMMAND EXAMPLE: CALL NAME

1 Press the talk switch.

- “Call <name> <type>” is displayed in the “Main menu” screen.
- When “Call <name> <type>” on the “Main menu” screen is dimmed, the phonebook’s speech command recognition cannot be used. Check the Bluetooth® connection and if the contacts have been transferred to the navigation system.

2 Say the name of a registered contact.

- In the same manner as it is displayed on the screen, “Call <name> <type>”, after saying ***“Call”*** say the name of a contact. For example: ***“Call”***, ***“John Smith”*** or ***“Call”***, ***“Mary Davis”***, ***“Mobile”***
- Short or abbreviated names in the phonebook may not be recognized. Change names in the phonebook to full names.
- Sometimes a voice recognition result confirmation screen will be displayed. After confirming the result, say ***“Yes”*** or ***“No”***.
- When the system recognizes multiple names from the phonebook, a name candidate list will be displayed on the screen. If the desired name is not displayed on the top of the screen, say the number of the name from the candidate list (1st and 2nd) to select a name from the candidate list.
- When a contact has multiple telephone numbers registered in the phonebook, a candidate list will be displayed. If the desired telephone number is not displayed on the top of the screen, say the number of the desired telephone number from the candidate list (1st and 2nd) to select a telephone number from the candidate list.

3 Say ***“Yes”*** to call the telephone number.

SPEECH COMMAND EXAMPLE: DIAL NUMBER

1 Press the talk switch.

- “Dial <number>” is displayed in the “Main menu” screen.
- When “Dial <number>” on the “Main menu” screen is dimmed, the telephone number voice recognition cannot be used. Check the Bluetooth® phone connection.

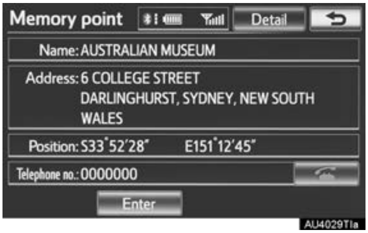
2 Say the telephone number.

- In the same manner as it is displayed on the screen, “Dial <number>”, after saying ***“Dial”*** say the telephone number.
- Say the telephone number one digit at a time.
  For example, if the telephone number is 2345678:
  Say ***“two three four five six seven eight”***
  Do not say ***“twenty three forty five sixty seven eight”***
- As the system cannot recognize additional numbers, say the complete number without stopping.
- When the system recognizes multiple telephone numbers, a telephone number candidate list will be displayed on the screen. If the desired telephone number is not displayed on the top of the screen, say the number of the desired telephone number from the candidate list (1st and 2nd) to select a telephone number from the candidate list.

3 Say ***“Dial”*** to call the telephone number.

BY POI CALL

A call can be made by touching ☎ when it is displayed on the screen from the navigation system. (See “TO SEE INFORMATION ABOUT THE ICON WHERE THE CURSOR IS SET” on page 35.)



Name: AUSTRALIAN MUSEUM

Address: 6 COLLEGE STREET
DARLINGHURST, SYDNEY, NEW SOUTH
WALES

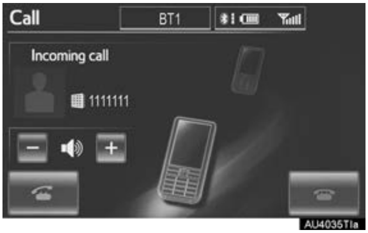
Position: S33°52′28″ E151°12′45″

Telephone no.: 0000000

5. RECEIVE ON THE Bluetooth® PHONE

When a call is received, this screen is displayed with a sound.

1 Touch ☎ or press the ☎ switch on the steering wheel to talk on the telephone.



To refuse to receive the call: Touch ☎ or press the ☎ switch on the steering wheel.

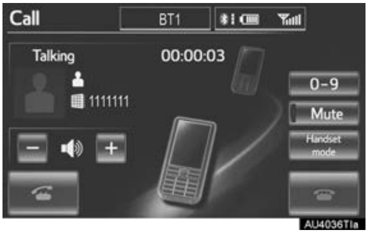
To adjust the volume of a received call: Touch **“-”** or **“+”**, turn the **“PWR·VOL”** knob, or use the volume switch on the steering wheel.

INFORMATION

- During international telephone calls, the other party’s name or number may not be displayed correctly depending on type of cellular phone you have.

6. TALK ON THE Bluetooth® PHONE

While talking on the telephone, this screen is displayed. The operations outlined below can be performed on this screen.



To adjust the volume of the other party's voice: Touch **"-"** or **"+"**, turn the **"PWR·VOL"** knob, or use the volume switch on the steering wheel.

To hang up the telephone: Touch ☎ or press the ☎ switch on the steering wheel.

To mute your voice: Touch **"Mute"**.

To input a key: Touch **"0-9"**.

To transfer the call: Touch **"Handset mode"** to change from hands-free call to cellular phone call. Touch **"Handsfree mode"** to change from cellular phone call to hands-free call.

INFORMATION

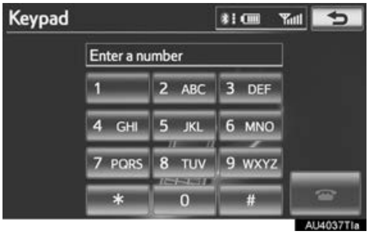
- Changing from hands-free call to cellular phone call is not possible while driving.
- When cellular phone call is changed to hands-free call, the hands-free screen will be displayed and its functions can be operated on the screen.
- Changing between cellular phone call and hands-free call can be performed by operating the cellular phone directly.
- Transferring methods and operations will be different depending on the type of cellular phone you have.
- For the operation of the cellular phone, see the manual that comes with it.

WHEN YOU SELECT "0-9"

INPUTTING A KEY

Inputting a key is not possible while driving.

1 Touch the desired number to input the key.

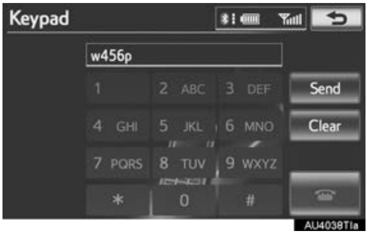


To hang up the telephone: Touch ☎ or press the ☎ switch on the steering wheel.

TONE SIGNAL

If a continuous tone signal is registered in a phonebook, this screen appears. (If not registered, **“Send”** and **“Clear”** are not displayed.) This can be operated while driving.

1 Confirm the number displayed on the screen and touch **“Send”**. The number before marked sign will be sent.



w456p

- When **“Clear”** is touched, this function is finished and the normal tone screen appears.

To hang up the telephone: Touch ☎ or press the ☎ switch on the steering wheel.

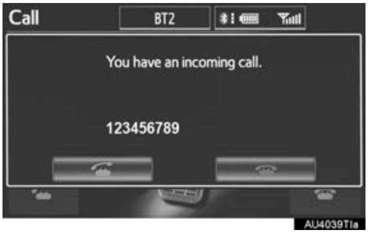
INFORMATION

- The continuous tone signal is the marked sign (p or w) and the number that follows the telephone number. (e.g. 056133w0123p#1∗)
- When the “p” pause tone is used, after waiting 2 seconds the tone data up until the next pause tone will be automatically sent. When the “w” pause tone is used, the tone data up until the next pause tone will be automatically sent after user operation.
- This operation can be done when it is desirable to operate an answering machine or use a telephone service in a bank for example. The telephone number and the code number in the phonebook can be registered.

INCOMING CALL WAITING

When a call is interrupted by a third party while talking, this screen is displayed.

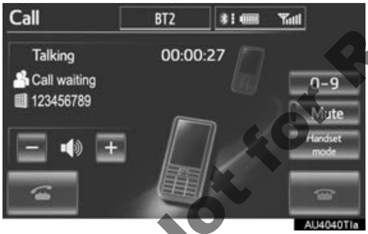
1 Touch ☎ or press the ☎ switch on the steering wheel to start talking with the other party.



You have an incoming call.

123456789

- Touch ☎ or press the ☎ switch on the steering wheel to refuse the call.



Talking 00:00:27

Call waiting

123456789

- Each time ☎ is touched or the ☎ switch on the steering wheel is pressed during an interrupted call, the party who is on hold will be switched.

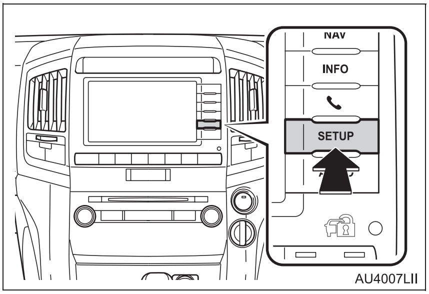
INFORMATION

- If your cellular phone does not support HFP Ver. 1.5, this function cannot be used.
- The ring tone that has been set in the “Sound settings” screen sounds when there is an incoming call. Depending on the type of Bluetooth® phone, both the navigation system and Bluetooth® phone may sound simultaneously when there is an incoming call. (See “RING TONE SETTING” on page 159.)

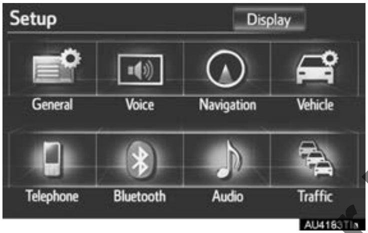
1. TELEPHONE SETTINGS

The phonebook can be edited. Volume and display settings can also be changed.

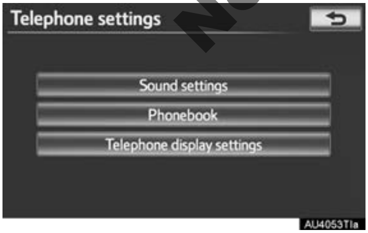
1 Press the **“SETUP”** button.



2 Touch **“Telephone”**.



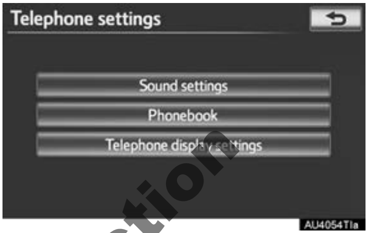
3 Perform each setting according to the procedures outlined on the following pages.



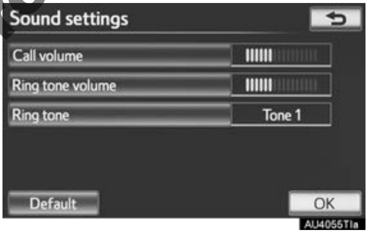
TELEPHONE SOUND SETTINGS

The call and ring tone volume can be adjusted. A ring tone can be selected.

1 Touch **“Sound settings”**.



2 Perform each setting according to the procedures outlined on the following pages.



Call volume
Ring tone volume
Ring tone Tone 1

3 When all settings are completed, touch **“OK”**.

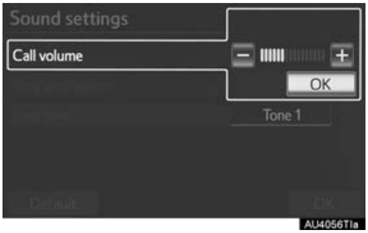
INFORMATION

- The system will automatically increase the volume when the speed exceeds 80 km/h.

CALL VOLUME SETTING

1 Touch **“Call volume”** on the “Sound settings” screen.

2 Touch **“-”** or **“+”** to adjust the call volume.

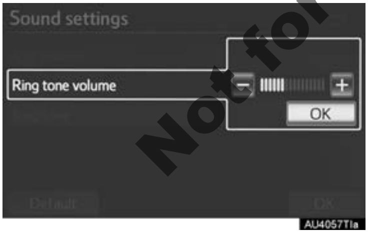


3 Touch **“OK”**.

RING TONE VOLUME SETTING

1 Touch **“Ring tone volume”** on the “Sound settings” screen.

2 Touch **“-”** or **“+”** to adjust the ring tone volume.

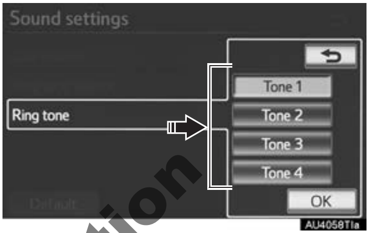


3 Touch **“OK”**.

RING TONE SETTING

1 Touch **“Ring tone”** on the “Sound settings” screen.

2 Touch the screen button corresponding to the desired ring tone.



- Ring tones can be heard by touching the screen buttons.

3 Touch **“OK”**.

INITIALIZING THE SETTINGS

The settings can be initialized.

1 Touch **“Default”** on the “Sound settings” screen.

2 Touch **“Yes”**.

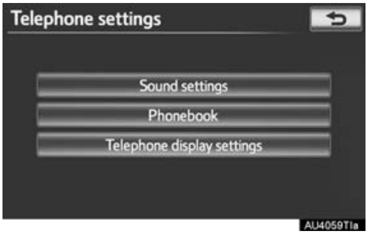
PHONEBOOK

The call history can be deleted and phonebook and speed dial settings can be changed.

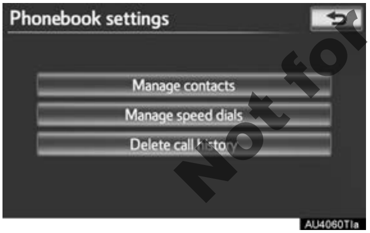
1 Press the **“SETUP”** button.

2 Touch **“Telephone”** on the “Setup” screen.

3 Touch **“Phonebook”**.



4 Perform each setting according to the procedures outlined on the following pages.



INFORMATION

- Phonebook data is managed independently for every registered telephone. When one telephone is connected, another telephone’s registered data cannot be read.

SETTING THE PHONEBOOK

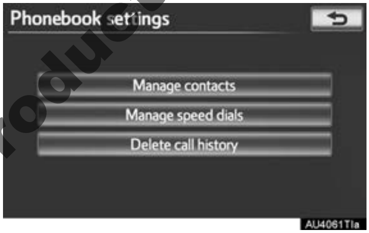
The phonebook can be transferred from a Bluetooth® phone to the system. The phonebook also can be added, edited and deleted.

1 Press the **“SETUP”** button.

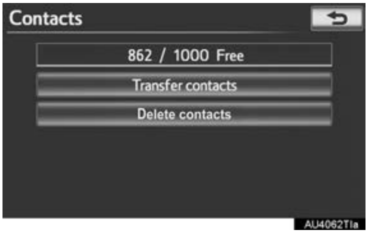
2 Touch **“Telephone”** on the “Setup” screen.

3 Touch **“Phonebook”** on the “Telephone settings” screen.

4 Touch **“Manage contacts”**.



5 Perform each setting according to the procedures outlined on the following pages.

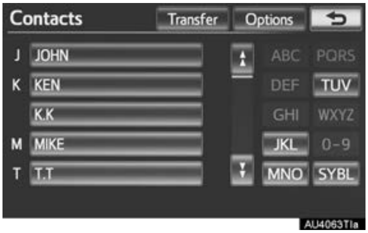


THE “Contacts” SCREEN CAN ALSO BE DISPLAYED

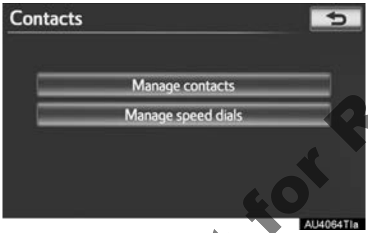
1 Press the ☎ button or the ☎ switch on the steering wheel.

2 Touch **“Contacts”** on the “Telephone” screen.

3 Touch **“Options”**.



4 Touch **“Manage contacts”**.



TRANSFERRING A TELEPHONE NUMBER

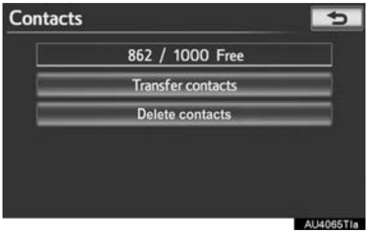
The telephone numbers in a Bluetooth® phone can be transferred to the system. The system can manage up to 5 phonebooks. Up to 1000 contacts (maximum of 3 numbers per contact) can be registered in each phonebook.

Operation methods differ between PBAP compatible and PBAP incompatible but OPP compatible Bluetooth® phones.

If your cellular phone is neither PBAP nor OPP compatible, the phonebook cannot be transferred.

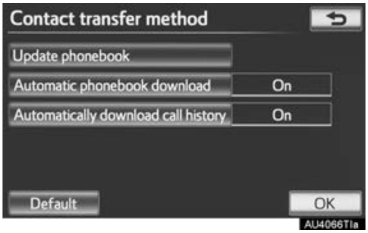
▶ For PBAP compatible Bluetooth® phones

1 Touch **“Transfer contacts”**.



862 / 1000 Free

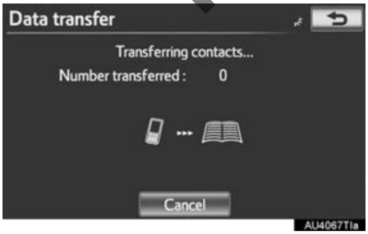
2 Touch **“Update phonebook”**.



Automatic phonebook download: On
Automatically download call history: On

3 Transfer the phonebook data to the system using the Bluetooth® phone.

- This operation may be unnecessary depending on the cellular phone model.
- Depending on the type of cellular phone, OBEX authentication may be required when transferring phonebook data. Enter “1234” into the Bluetooth® phone.



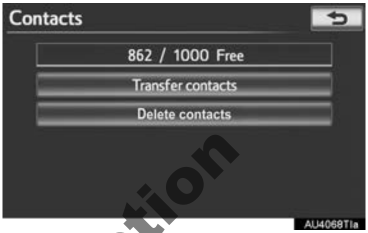
Transferring contacts...
Number transferred: 0

- This screen appears while transferring. To cancel this function, touch **“Cancel”**.
- If another Bluetooth® device is connected when transferring phonebook data, depending on the telephone, the connected Bluetooth® device may need to be disconnected.

▶ PBAP compatible models automatic data transfer setting

When a PBAP compatible telephone is connected, the telephone’s phonebook data can be automatically transferred.

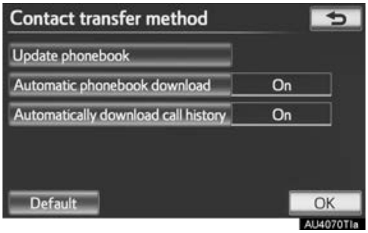
1 Touch **“Transfer contacts”**.



862 / 1000 Free

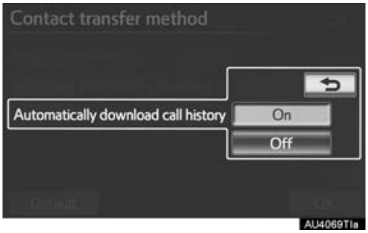
2 Touch **“Automatic phonebook download”** to transfer the phonebook from a connected cellular phone.

Touch **“Automatically download call history”** to transfer the call history from a connected cellular phone.



Automatic phonebook download: On
Automatically download call history: On

3 Touch **“On”**.



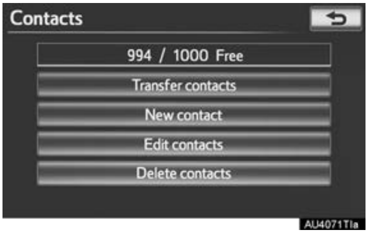
4 Touch **“OK”.**

INFORMATION

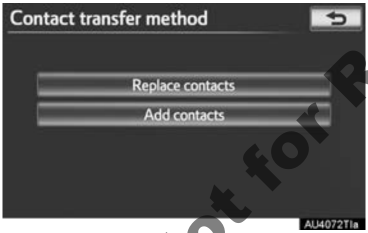
- Depending on the type of Bluetooth® phone, the registered image on the phonebook may not appear when phonebook data is transferred.

▶For PBAP incompatible but OPP compatible Bluetooth® phones

1 Touch **“Transfer contacts”**.



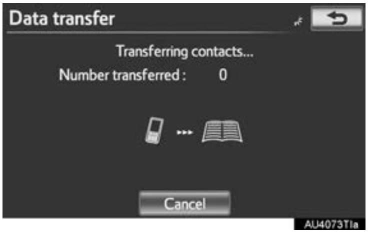
2 Touch **“Replace contacts”** or **“Add contacts”**.



- If the phonebook contains phonebook data, this screen is displayed.

3 Transfer the phonebook data to the system using the Bluetooth® phone.

- Depending on the type of cellular phone, OBEX authentication may be required when transferring phonebook data. Enter “1234” into the Bluetooth® phone.



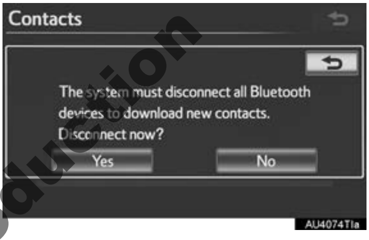
Transferring contacts...

Number transferred: 0

- This screen appears while transferring. To cancel this function, touch **“Cancel”**. If **“Add contacts”** is touched and there is an interruption during the transfer of data, the phonebook data transferred until then will be stored in the system. This is not the case when **“Cancel”** is touched.

4 When the transfer is complete, **“Done”** will appear on the screen. Touch **“Done”**.

▶When another Bluetooth® device is connected



The system must disconnect all Bluetooth devices to download new contacts. Disconnect now?

- When another Bluetooth® device is currently connected, this screen is displayed.
- To disconnect it, touch **“Yes”**.

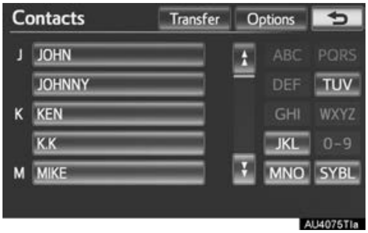
▶From “Contacts” screen

Phonebooks of PBAP incompatible but OPP compatible telephones can also be transferred from the “Contacts” screen.

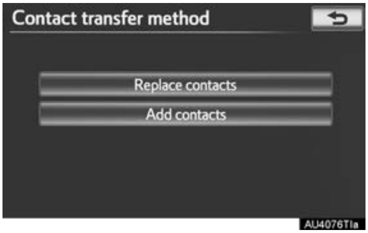
1 Press the 📞 button or the ☎ switch on the steering wheel.

2 Touch **“Contacts”** on the “Telephone” screen.

3 Touch **“Transfer”**.



4 This screen is displayed. The following operations are performed in the same manner as when they are performed from the “Setup” screen.

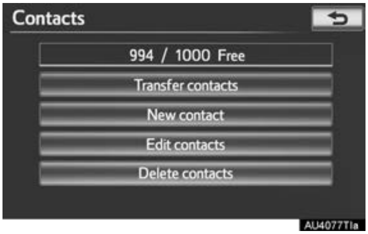


REGISTERING THE PHONEBOOK DATA

The phonebook data can be registered.

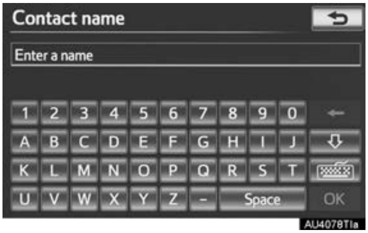
Up to 3 numbers per person can be registered. New phonebook data cannot be added for PBAP compatible Bluetooth® phones.

1 Touch **“New contact”**.

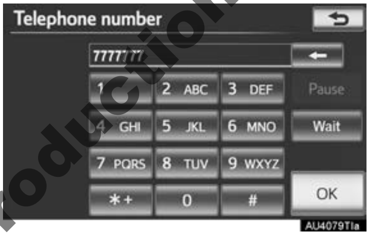


994 / 1000 Free

2 Use the software keyboard to input the name and touch **“OK”**.



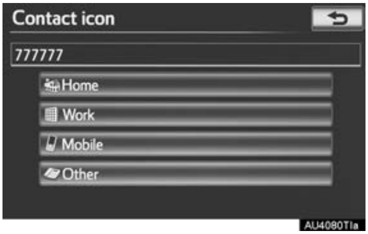
3 Input the telephone number and touch **“OK”**.



7777777

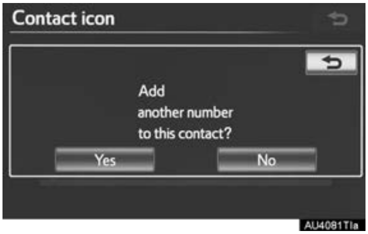
- To use a tone signal after the telephone number, input the tone signal too.

4 Touch the telephone type.



777777

5 When 2 or less numbers in total are registered to this contact, this screen is displayed.

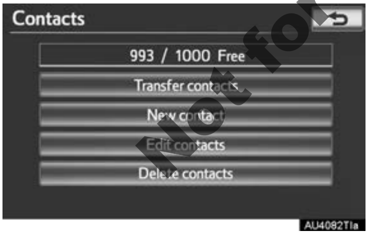

Add another number to this contact?

- To add a number to this contact, touch **"Yes"**.

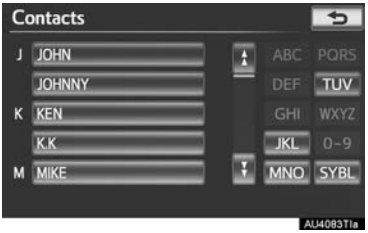
EDITING THE PHONEBOOK DATA

The telephone number can be registered in **"Telephone no.1"**, **"Telephone no.2"** and **"Telephone no.3"** separately. Phonebooks cannot be edited for PBAP compatible Bluetooth® phones via the navigation system.

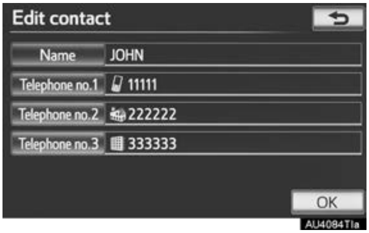
1 Touch **"Edit contacts"**.



2 Touch the desired data to edit.



3 Touch the desired name or number.


Name: JOHN

Telephone no.1: 11111

Telephone no.2: 222222

Telephone no.3: 333333

4 Edit the name or the number. (See "REGISTERING THE PHONEBOOK DATA" on page 164.)

5 Touch **"OK"** when editing is completed.

THE "Edit contact" SCREEN CAN ALSO BE DISPLAYED

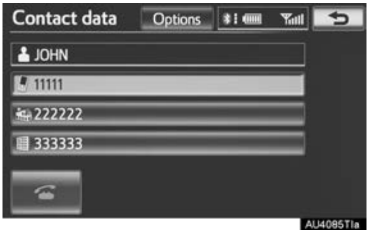
▶From the "Contact data" screen

1 Press the ☎ button or the ☎ switch on the steering wheel.

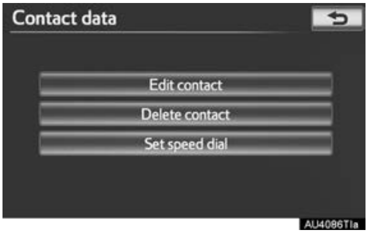
2 Touch **"Contacts"** on the "Telephone" screen.

3 Touch the desired data from the list on the "Contacts" screen.

4 Touch **"Options"**.



5 Touch **“Edit contact”**.



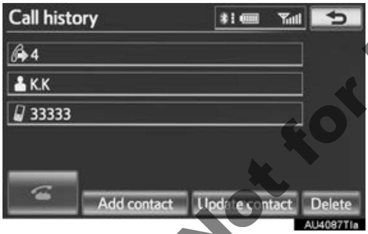
▶From the “Call history” screen

1 Press the ☎ button or the ☎ switch on the steering wheel.

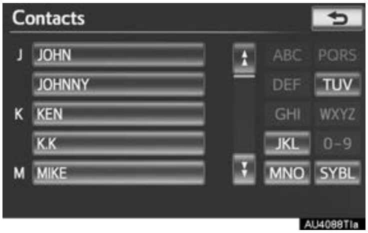
2 Touch **“Call history”** on the “Telephone” screen.

3 Touch the desired number from the list on the “Call history” screen.

4 Touch **“Add contact”** or **“Update contact”**.



5 If **“Update contact”** has been touched, this screen will be displayed. Touch the desired data from the list.



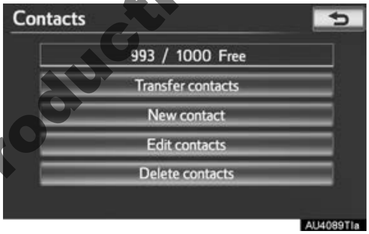
■DELETING THE PHONEBOOK DATA

The data can be deleted.

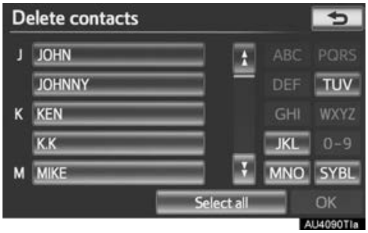
When selling or disposing of the vehicle, delete all your data on the system.

For PBAP compatible telephones, delete the phonebook data after setting **“Automatic phonebook download”** to **“Off”**. (See “PBAP compatible models automatic data transfer setting” on page 162.)

1 Touch **“Delete contacts”**.



2 Touch the desired data or **“Select all”**, then touch **“OK”**.



- Multiple data can be selected and deleted at the same time.

3 Touch **“Yes”**.

ALTERNATIVE PHONEBOOK DATA DELETION METHOD

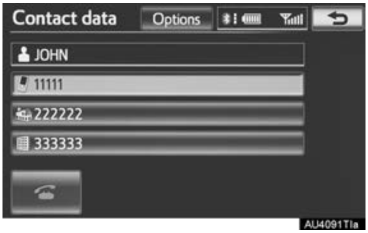
▶PBAP incompatible but OPP compatible models

1 Press the ☎ button or the ☎ switch on the steering wheel.

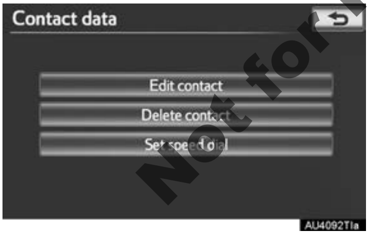
2 Touch **“Contacts”** on the “Telephone” screen.

3 Touch the desired data from the list on the “Contacts” screen.

4 Touch **“Options”**.



5 Touch **“Delete contact”**.



6 Touch **“Yes”**.

INFORMATION

● When a Bluetooth® phone is deleted, the phonebook data will be deleted at the same time.

SPEED DIALS SETTING

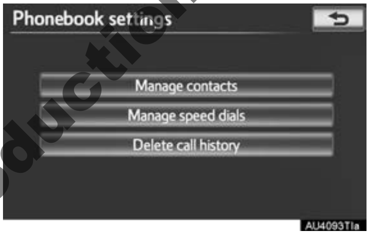
Speed dials can be registered and deleted.

1 Press the **“SETUP”** button.

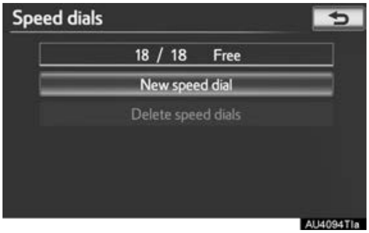
2 Touch **“Telephone”** on the “Setup” screen.

3 Touch **“Phonebook”** on the “Telephone settings” screen.

4 Touch **“Manage speed dials”**.



5 Perform each setting according to the procedures outlined on the following pages.



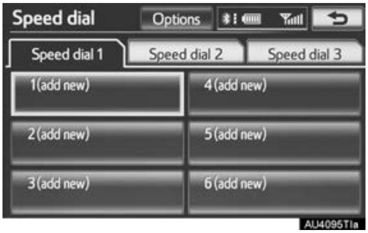
THE “Speed dial” SCREEN CAN ALSO BE DISPLAYED

▶From the “Speed dial” screen

1 Press the 📞 button or the ☎ switch on the steering wheel.

2 Touch **“Speed dials”** on the “Telephone” screen.

3 Touch **“Options”**.

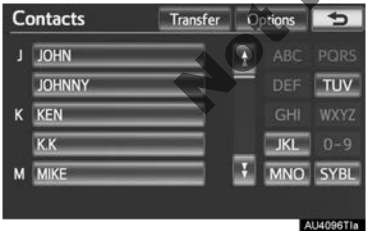


▶From the “Contacts” screen

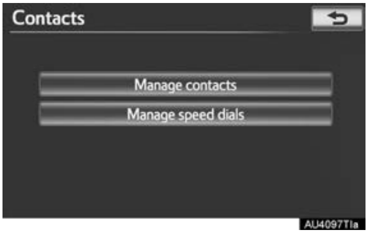
1 Press the 📞 button or the ☎ switch on the steering wheel.

2 Touch **“Contacts”** on the “Telephone” screen.

3 Touch **“Options”**.



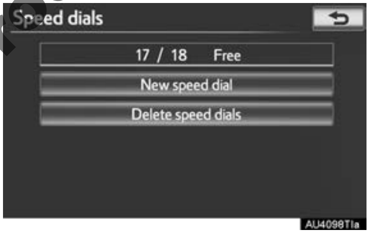
4 Touch **“Manage speed dials”**.



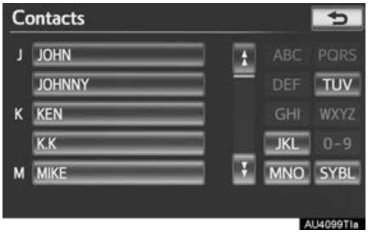
REGISTERING THE SPEED DIAL

Speed dial numbers can be registered by selecting the desired number from the phonebook. Up to 18 numbers per telephone can be registered as a speed dial.

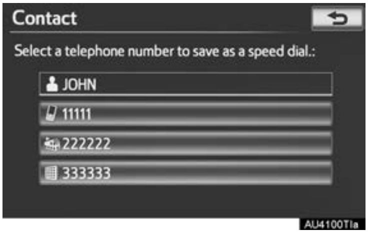
1 Touch **“New speed dial”**.



2 Touch the desired data to be registered.



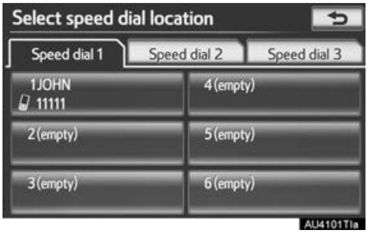
3 Touch the desired telephone number.



Contact

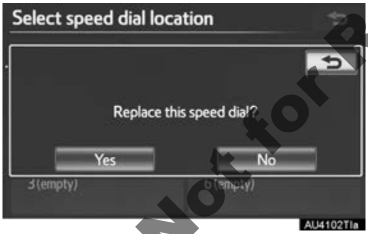
Select a telephone number to save as a speed dial.:

4 Touch the desired speed dial location.



Select speed dial location

5 If a location that is already in use is touched, this screen will be displayed.

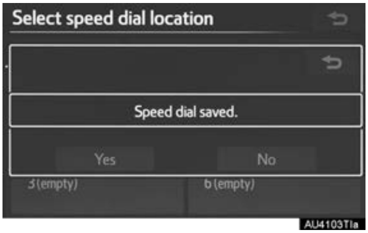


Select speed dial location

Replace this speed dial?

- Touch **"Yes"** to replace it.

6 When this screen is displayed, the operation is complete.



Select speed dial location

Speed dial saved.

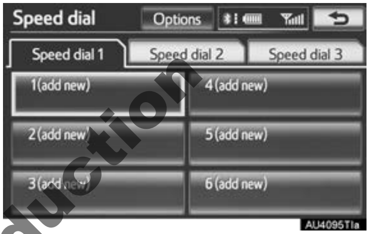
THE SPEED DIAL CAN ALSO BE REGISTERED

▶From the "Speed dial" screen

1 Press the ☎ button or the ☎ switch on the steering wheel.

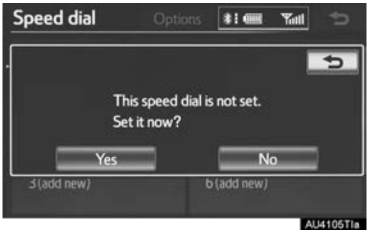
2 Touch **"Speed dials"** on the "Telephone" screen.

3 Touch **"(add new)"**.



Speed dial

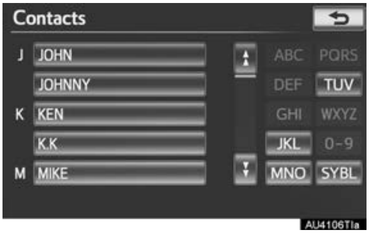
4 Touch **"Yes"** to set new speed dial.



Speed dial

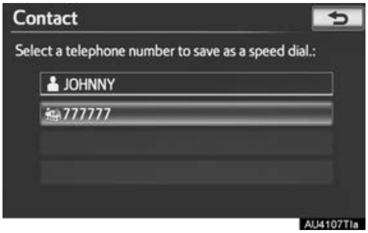
This speed dial is not set.
Set it now?

5 Touch the desired data to be registered.



Contacts

6 Touch the desired telephone number.



Select a telephone number to save as a speed dial.:

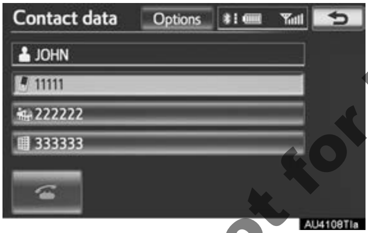
▶From the “Contact data” screen

1 Press the ☎ button or the ☎ switch on the steering wheel.

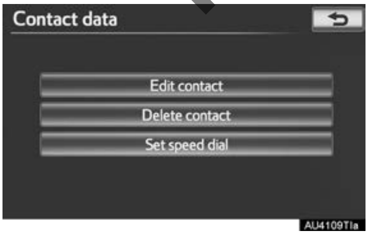
2 Touch **“Contacts”** on the “Telephone” screen.

3 Touch the desired data from the list on the “Contacts” screen.

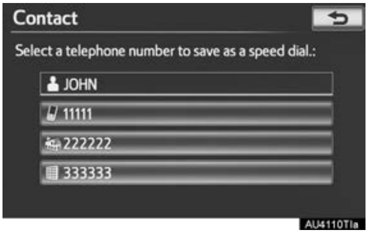
4 Touch **“Options”**.



5 Touch **“Set speed dial”**.



6 This screen is displayed.



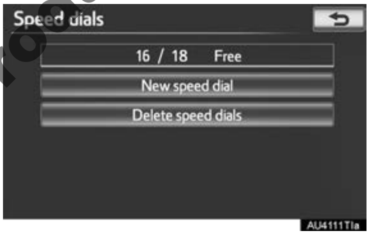
Select a telephone number to save as a speed dial.:

- The following operations are performed in the same manner as when they are performed from the “Setup” screen.

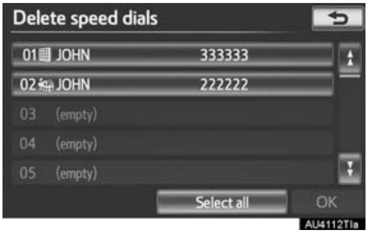
DELETING THE SPEED DIAL

The speed dial can be deleted.

1 Touch **“Delete speed dials”**.



2 Touch the desired data, or to delete all the data touch **“Select all”**, then touch **“OK”**.



- Multiple data can be selected and deleted at the same time.

3 Touch **“Yes”**.

DELETING CALL HISTORY

The call history can be deleted.

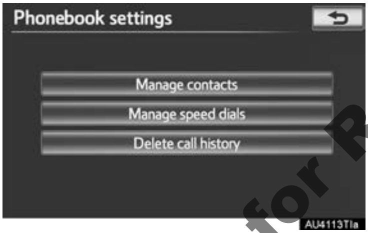
For PBAP compatible telephones, delete the call history after setting **"Automatically download call history"** to **"Off"**. (See "PBAP compatible models automatic data transfer setting" on page 162.)

1 Press the **"SETUP"** button.

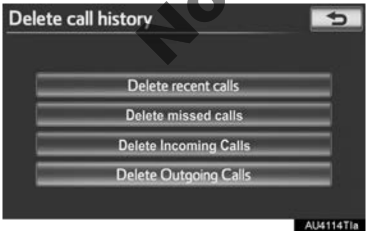
2 Touch **"Telephone"** on the "Setup" screen.

3 Touch **"Phonebook"** on the "Telephone settings" screen.

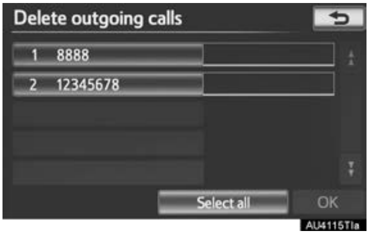
4 Touch **"Delete call history"**.



5 Touch the desired history be deleted.



6 Touch the desired data, or to delete all the data touch **"Select all"**, then touch **"OK"**.



- Multiple data can be selected and deleted at the same time.

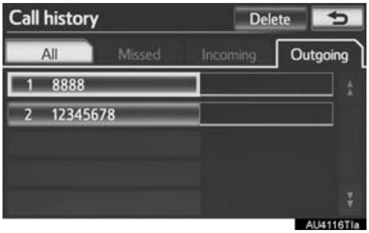
7 Touch **"Yes"**.

THE CALL HISTORY CAN ALSO BE DELETED

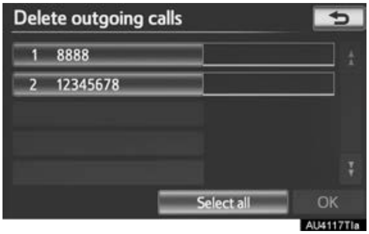
1 Press the ☎ button or the ☎ switch on the steering wheel.

2 Touch **"Call history"** on the "Telephone" screen.

3 Touch **"Delete"**.



4 This screen is displayed.



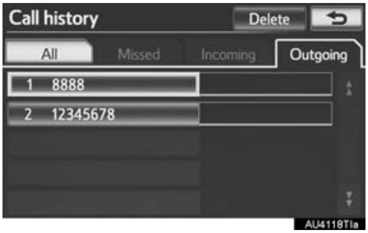
- The following operations are performed in the same manner as when they are performed from the "Setup" screen.
- Other call history can be operated similarly.

▶Deleting after call history has been displayed

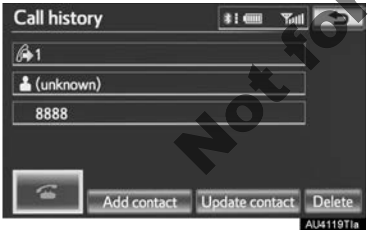
1 Press the 📞 button or the ☎ switch on the steering wheel.

2 Touch **"Call history"** on the "Telephone" screen.

3 Touch the desired history to be deleted.



4 Touch **"Delete"**.



5 Touch **"Yes"**.

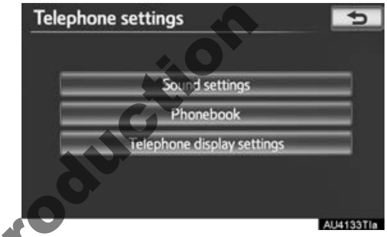
TELEPHONE DISPLAY SETTINGS

The telephone display settings can be changed.

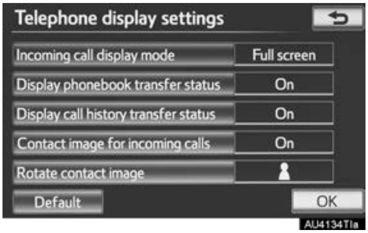
1 Press the **"SETUP"** button.

2 Touch **"Telephone"** on the "Setup" screen.

3 Touch **"Telephone display settings"**.



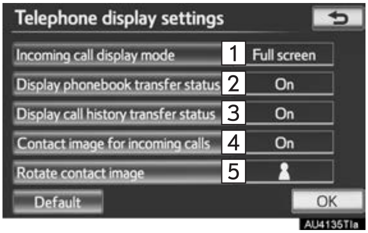
4 Perform each setting according to the procedures outlined on the following pages.



Incoming call display mode: Full screen
Display phonebook transfer status: On
Display call history transfer status: On
Contact image for incoming calls: On
Rotate contact image

5 When each setting is completed, touch **"OK"**.

SCREEN FOR “Telephone display settings”



Telephone display settings

Incoming call display mode 1 Full screen
Display phonebook transfer status 2 On
Display call history transfer status 3 On
Contact image for incoming calls 4 On
Rotate contact image 5

- On this screen, the following functions can be operated:

No.	Function
1	Touch to change the incoming call display. (See “INCOMING CALL DISPLAY” on page 173.)
2	For PBAP compatible models, touch to set the display of the automatic phonebook transfer completion message to **“On”** or **“Off”**.
3	For PBAP compatible models, touch to set the display of the automatic call history transfer completion message to **“On”** or **“Off”**.
4	For PBAP compatible models, touch to set the display of images during calls to **“On”** or **“Off”**.
5	For PBAP compatible models, touch to set the orientation of images displayed during calls. (See “ROTATING CONTACT IMAGES” on page 174.)

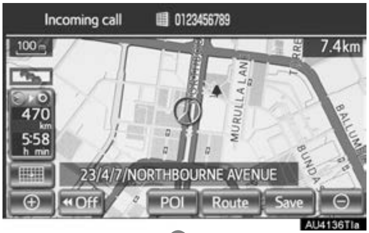
- To reset all setup items, touch **“Default”**.

INFORMATION

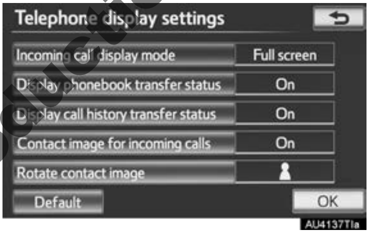
- Depending on the telephone, these functions may not be available even if the telephone is PBAP compatible.

INCOMING CALL DISPLAY

The type of incoming call display can be selected.



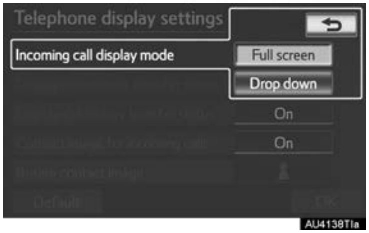
1 Touch **“Incoming call display mode”**.



Telephone display settings

Incoming call display mode Full screen
Display phonebook transfer status On
Display call history transfer status On
Contact image for incoming calls On
Rotate contact image

2 Touch **“Full screen”** or **“Drop down”**.



Telephone display settings

Incoming call display mode

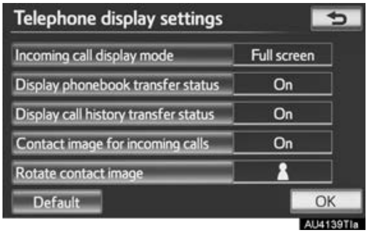
Screen button	Function
“Full screen”	When a call is received, the hands-free screen is displayed and it can be operated on the screen.
“Drop down”	The message is displayed on the upper side of the screen and it can only be operated via the steering wheel switches.

3 Touch **“OK”**.

ROTATING CONTACT IMAGES

For PBAP compatible models, when **“Contact image for incoming calls”** is set to **“On”**, images stored together with telephone numbers in the cellular phone’s phonebook will be transferred and displayed during the incoming call. The orientation of the image can be set.

1 Touch **“Rotate contact image”**.



Telephone display settings

Incoming call display mode — Full screen

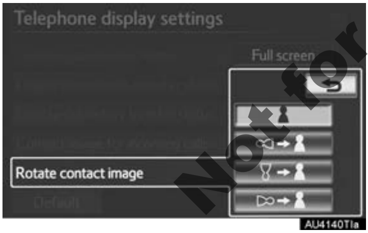
Display phonebook transfer status — On

Display call history transfer status — On

Contact image for incoming calls — On

Rotate contact image

2 Select the desired orientation of the image to be displayed.



Telephone display settings

Full screen

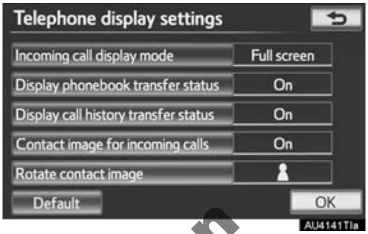
Rotate contact image

3 Touch **“OK”**.

INITIALIZING THE SETTINGS

The settings can be initialized.

1 Touch **“Default”**.



Telephone display settings

Incoming call display mode — Full screen

Display phonebook transfer status — On

Display call history transfer status — On

Contact image for incoming calls — On

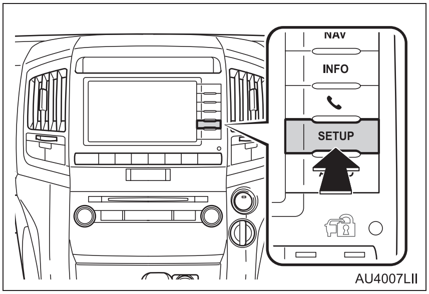
Rotate contact image

2 Touch **“Yes”**.

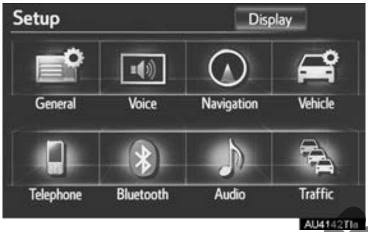
2. Bluetooth® SETTINGS

A Bluetooth® device can be set up.

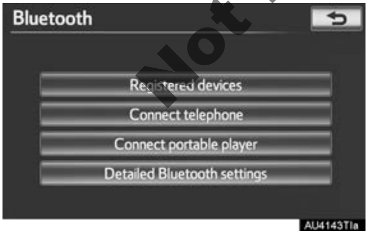
1 Press the **"SETUP"** button.



2 Touch **"Bluetooth*"**.



3 Perform each setting according to the procedures outlined on the following pages.



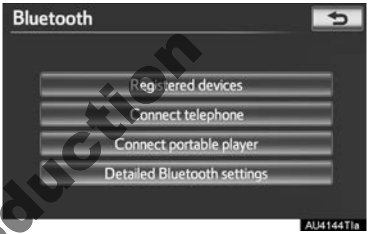
REGISTERED DEVICES

A Bluetooth® device can be registered, deleted or set up.

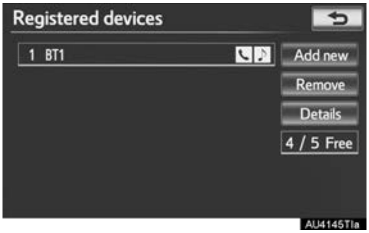
1 Press the **"SETUP"** button.

2 Touch **"Bluetooth*"** on the "Setup" screen.

3 Touch **"Registered devices"**.



4 Perform each setting according to the procedures outlined on the following pages.

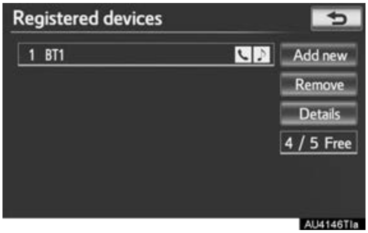


*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

REGISTERING A Bluetooth® DEVICE

Bluetooth® devices compatible with telephones (HFP) and portable players (AVP) can be registered simultaneously. Telephones (HFP) and portable players (AVP) (maximum of 5) can be registered.

1 Touch **"Add new"** to register a Bluetooth® device to the system.



Registered devices

1 BT1

Add new

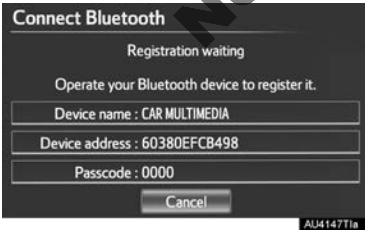
Remove

Details

4 / 5 Free

- If 5 Bluetooth® devices have already been registered, a registered device needs to be deleted. See "When 5 Bluetooth® devices have already been registered" on page 177.

2 When this screen is displayed, operate the Bluetooth® device.



Connect Bluetooth

Registration waiting

Operate your Bluetooth device to register it.

Device name : CAR MULTIMEDIA

Device address : 60380EFCB498

Passcode : 0000

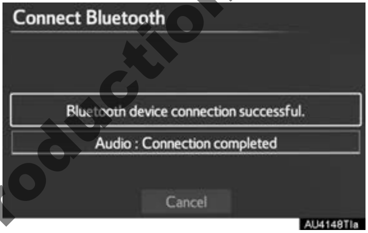
Cancel

- Search for the navigation system displayed on the system's screen using your Bluetooth® device, and register the Bluetooth® device.

  For details about operating the Bluetooth® device, see the manual that comes with it.

- A passcode is not required for SSP (Secure Simple Pairing) compatible Bluetooth® devices. Depending on the type of Bluetooth® phone being connected, a message confirming registration may be displayed on the Bluetooth® phone's screen. Respond and operate the Bluetooth® phone according to the confirmation message.
- To cancel the registration, touch **"Cancel"**.

3 When the connection is completed, this screen is displayed.



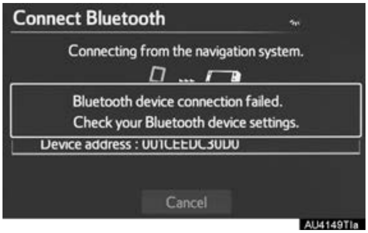
Connect Bluetooth

Bluetooth device connection successful.

Audio : Connection completed

Cancel

- When using the same device, it is not necessary to register it again.



Connect Bluetooth

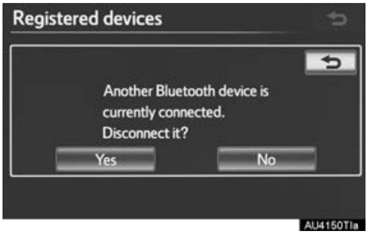
Connecting from the navigation system.

Bluetooth device connection failed.
Check your Bluetooth device settings.

Device address : 001CEEDC30D0

Cancel

- When this screen is displayed, follow the guidance on the screen to try again.



Another Bluetooth device is currently connected. Disconnect it?

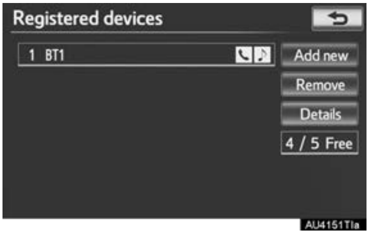
- When another Bluetooth® device is currently connected, this screen is displayed.
- To disconnect the Bluetooth® device, touch **“Yes”**.

▶When 5 Bluetooth® devices have already been registered

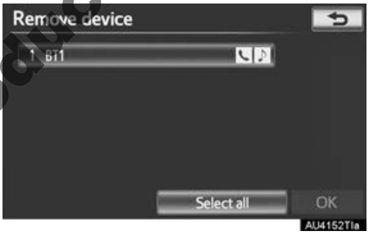
1. When 5 Bluetooth® devices have already been registered, a registered device needs to be deleted. Touch **“Yes”** to delete 1 or more.
2. Touch the device to be deleted, then touch **“Remove”**.
3. Touch **“Yes”**.

DELETING A Bluetooth® DEVICE

1. Touch **“Remove”**.



2. Touch the desired device, or to delete all the devices touch **“Select all”**, then touch **“OK”**.



- Multiple devices can be selected and deleted at the same time.

3. Touch **“Yes”**.

INFORMATION

- When deleting a Bluetooth® phone, the phonebook data will be deleted at the same time.

EDITING THE Bluetooth® DEVICE

The Bluetooth® device's information can be displayed on the screen. The displayed information can also be edited.

"Device name": The name of the Bluetooth® device which is displayed on the screen. It can be changed to a desired name.

- Even if the device name is changed, the name registered in your Bluetooth® device does not change.

"Device address": The device address is unique to each device. It cannot be changed.

- If 2 Bluetooth® devices have been registered with the same device name, the devices can be distinguished referring to the device's address.

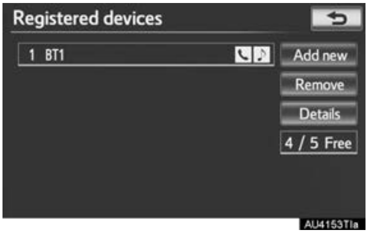
"My telephone no.": The telephone number of the Bluetooth® phone is displayed on the screen. Depending on the type of telephone, the telephone number may not be displayed.

"Profiles": The compatibility profile of the Bluetooth® device is displayed on the screen.

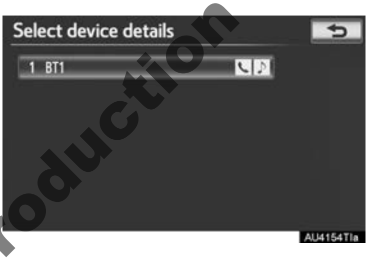
"Connect portable player from": There are 2 portable player connection settings available; **"Vehicle"** and **"Portable player"**.

CHANGING A DEVICE NAME

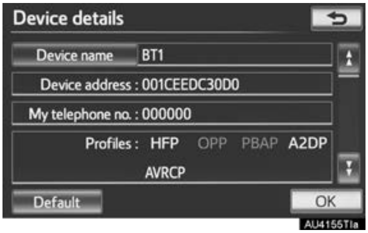
1 Touch **"Details"**.



2 Touch the device to be edited.



3 Touch **"Device name"**.

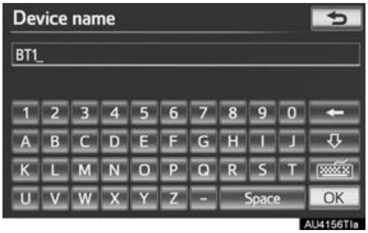

Device name BT1

Device address : 001CEEDC30D0

My telephone no. : 000000

Profiles : HFP OPP PBAP A2DP AVRCP

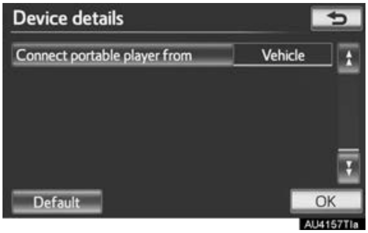
4 Use the software keyboard to input the device name and touch **"OK"**.


BT1_

5 Confirm the device name and touch **"OK"**.

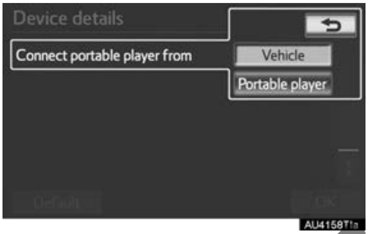
SETTING PORTABLE PLAYER CONNECTION METHOD

1 Touch **“Connect portable player from”**.



Connect portable player from: Vehicle

2 Touch the desired connection method.



“Vehicle”: Touch to connect the audio system to the portable player.

“Portable player”: Touch to connect the portable player to the audio system.

- Depending on the portable player, the **“Vehicle”** or **“Portable player”** connection method may be best. As such, refer to the manual that comes with the portable player.

3 Touch **“OK”**.

SELECTING A Bluetooth® PHONE

If more than 1 Bluetooth® phone has been registered, it is necessary to select which telephone to connect to.

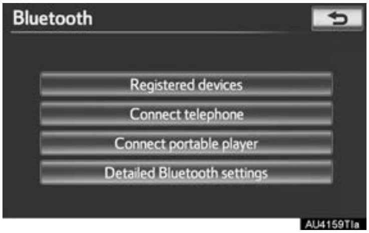
It is possible to select from up to 5 registered Bluetooth® devices (Telephones (HFP) and portable players (AVP) (maximum of 5) can be registered.)

Although up to 5 Bluetooth® phones can be registered in the system, only 1 Bluetooth® phone can function at a time.

1 Press the **“SETUP”** button.

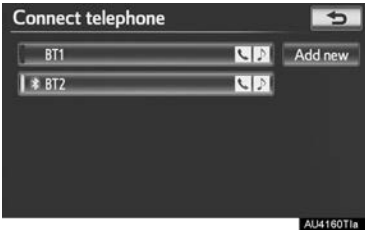
2 Touch **“Bluetooth*”** on the “Setup” screen.

3 Touch **“Connect telephone”**.



*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

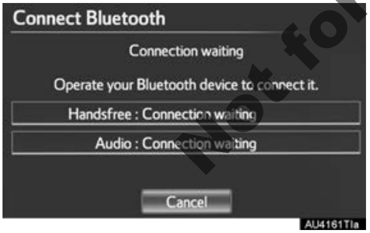
4 Touch the telephone to be connected.



- The indicator of the selected Bluetooth® phone will turn on.

- If the desired Bluetooth® phone is not on the list, touch **"Add new"** to register the telephone. (See page 176.)
- The currently connected Bluetooth® phone's screen button will have a Bluetooth® mark displayed on it. If the currently connected Bluetooth® phone's screen button is touched, the Bluetooth® phone can be disconnected. Touch **"Yes"** to disconnect.

5 This screen is displayed.



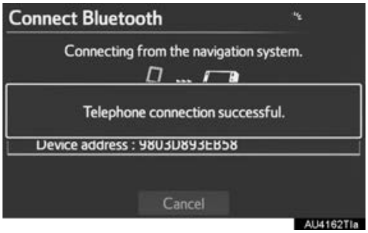
Connection waiting

Operate your Bluetooth device to connect it.

Handsfree : Connection waiting

Audio : Connection waiting

6 When the result message is displayed, the Bluetooth® phone can be used.



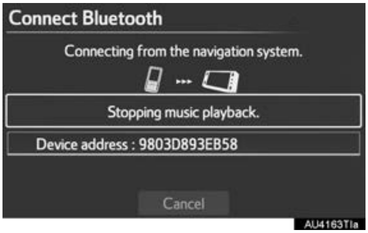
Connecting from the navigation system.

Telephone connection successful.

Device address : 9803D893EB58

▶When a telephone is connected while Bluetooth® audio is playing

- This screen is displayed, and the Bluetooth® audio will stop temporarily.



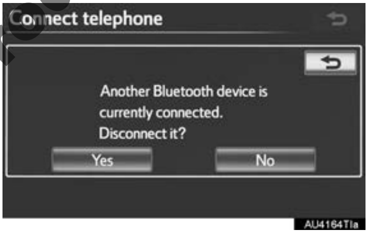
Connecting from the navigation system.

Stopping music playback.

Device address : 9803D893EB58

▶When another Bluetooth® device is connected

- When another Bluetooth® device is currently connected, this screen is displayed. To disconnect the Bluetooth® device, touch **"Yes"**.



Another Bluetooth device is currently connected. Disconnect it?

*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

SELECTING PORTABLE PLAYER

If more than 1 portable player has been registered, it is necessary to select which portable player to connect to.

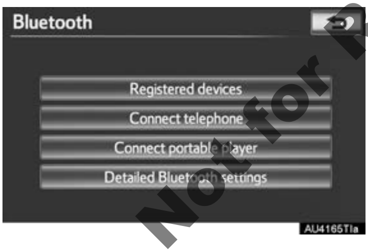
It is possible to select from up to 5 registered Bluetooth® devices (Telephones (HFP) and portable players (AVP) (maximum of 5) can be registered.)

Although up to 5 portable players can be registered in the system, only 1 portable player can function at a time.

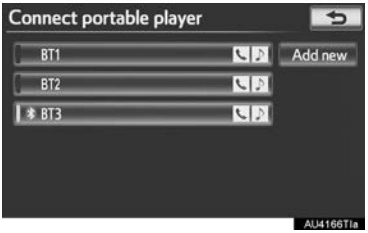
1 Press the **“SETUP”** button.

2 Touch **“Bluetooth*”** on the “Setup” screen.

3 Touch **“Connect portable player”**.



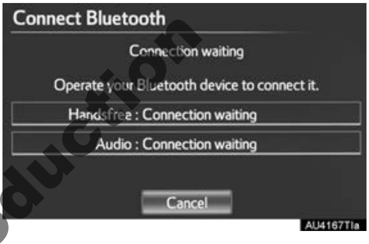
4 Touch the desired portable player to be connected.



- The indicator of the selected portable player will turn on.

- If the desired portable player is not on the list, touch **“Add new”** to register the portable player. (See page 176.)
- The currently connected portable player’s screen button will have a Bluetooth® mark displayed on it. If the currently connected portable player’s screen button is touched, the portable player can be disconnected. Touch **“Yes”** to disconnect.

5 This screen is displayed.


Connect Bluetooth

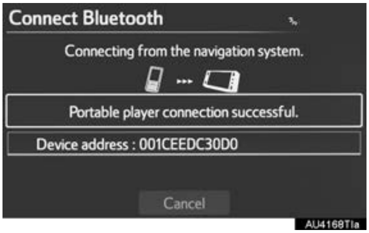
Connection waiting

Operate your Bluetooth device to connect it.

Handsfree : Connection waiting

Audio : Connection waiting

6 When the result message is displayed, the portable player can be used.


Connect Bluetooth

Connecting from the navigation system.

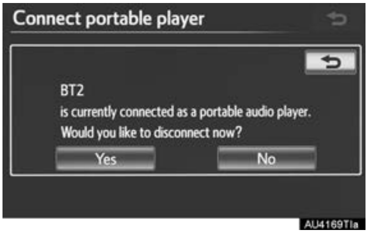
Portable player connection successful.

Device address : 001CEEDC30D0

*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

▶ When another Bluetooth® device is connected

- When another Bluetooth® device is currently connected, this screen is displayed. To disconnected it, touch **“Yes”**.



BT2
is currently connected as a portable audio player.
Would you like to disconnect now?

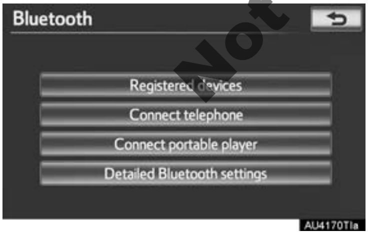
DETAILED Bluetooth® SETTINGS

The Bluetooth® settings can be confirmed and changed.

1 Press the **“SETUP”** button.

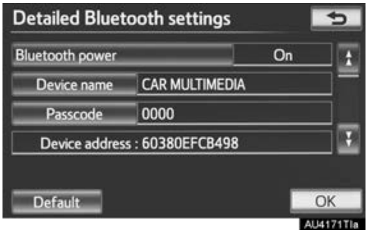
2 Touch **“Bluetooth*”** on the “Setup” screen.

3 Touch **“Detailed Bluetooth* settings”**.



*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

4 This screen is displayed.



Bluetooth power: On
Device name: CAR MULTIMEDIA
Passcode: 0000
Device address : 60380EFCB498

- The information displays the following items:

Screen button/ Screen item	Information
“Device name”	This name will be displayed on the device when it is connected. It can be changed to a desired name.
“Passcode”	The password that was set when the Bluetooth® device was registered can be changed.
Device address	The device address is unique to each device. It cannot be changed.
Profiles	The compatibility profile of the Bluetooth® device is displayed on the screen. (See pages 140 and 234.)

- If it is desirable to change the settings, refer to the following pages.
- When the settings have been changed, touch **“OK”** after changing them.

CHANGING THE Bluetooth® SETTINGS

The Bluetooth® settings can be changed according to the following procedures.

CHANGING “Bluetooth* power”

The “Bluetooth* power” display shows the following state.

When “Bluetooth* power” is “On”:

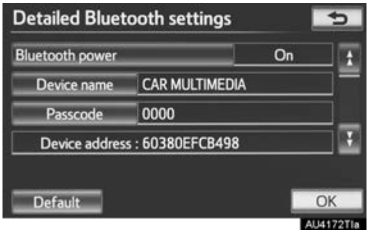
The Bluetooth® device is automatically connected when the “ENGINE START STOP” switch is in ACCESSORY or IGNITION ON mode.

When “Bluetooth* power” is “Off”:

The Bluetooth® device is disconnected, and the system will not connect to it next time.

- The **“Bluetooth* power”** auto connection state can be set on or off.
  - **“On”**: The auto connection is turned on.
  - **“Off”**: The auto connection is turned off.

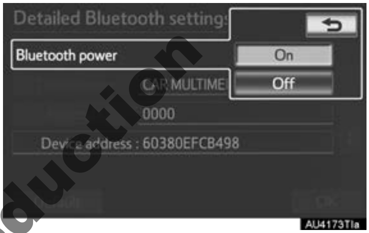
1 Touch **“Bluetooth* power”**.



Detailed Bluetooth settings

Bluetooth power: On
Device name: CAR MULTIMEDIA
Passcode: 0000
Device address : 60380EFCB498

2 Touch **“On”** or **“Off”**.



Detailed Bluetooth settings

Bluetooth power
CAR MULTIME
0000
Device address : 60380EFCB498

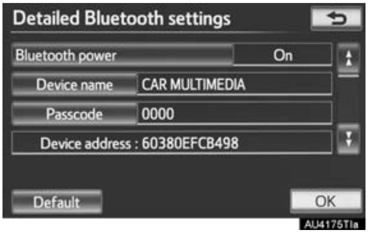
3 Touch **“OK”**.

- In the event the state of **“Bluetooth* power”** is changed from **“Off”** to **“On”**, Bluetooth® connection will begin.

*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

EDITING THE DEVICE NAME

1 Touch **"Device name"**.



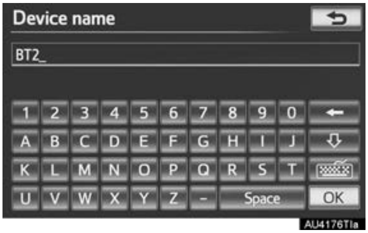
Bluetooth power On

Device name CAR MULTIMEDIA

Passcode 0000

Device address : 60380EFCB498

2 Use the software keyboard to input the device name and touch **"OK"**.

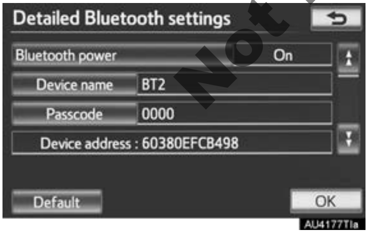


BT2_

3 Touch **"OK"**.

EDITING THE PASSCODE

1 Touch **"Passcode"**.



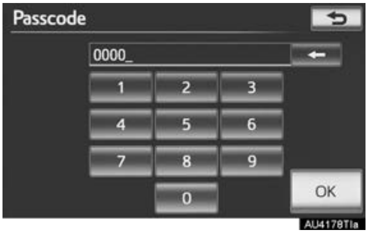
Bluetooth power On

Device name BT2

Passcode 0000

Device address : 60380EFCB498

2 Input a passcode and touch **"OK"**.



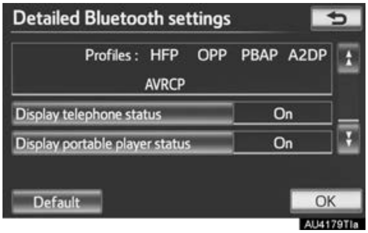
0000_

3 Touch **"OK"**.

Bluetooth® DEVICE CONNECTION STATUS DISPLAY SETTINGS

When **"Bluetooth* power"** is **"On"** and the "ENGINE START STOP" switch is in ACCESSORY or IGNITION ON mode, the Bluetooth® phone and portable player's connection status can be displayed. (See "CHANGING "Bluetooth* power"" on page 183.)

1 Touch **"Display telephone status"** or **"Display portable player status"**.



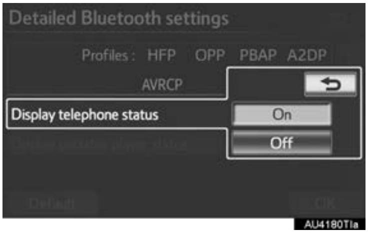
Profiles : HFP OPP PBAP A2DP AVRCP

Display telephone status On

Display portable player status On

*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

2 Touch **“On”**.



Detailed Bluetooth settings

Profiles : HFP OPP PBAP A2DP AVRCP

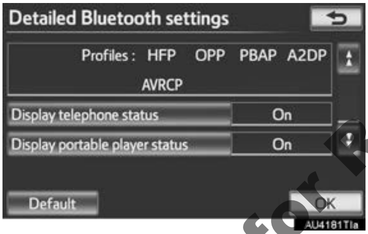
Display telephone status

3 Touch **“OK”**.

INITIALIZING THE Bluetooth® SETTINGS

The settings can be initialized.

1 Touch **“Default”**.



Detailed Bluetooth settings

Profiles : HFP OPP PBAP A2DP AVRCP

Display telephone status On

Display portable player status On

2 Touch **“Yes”**.

- If the state of **“Bluetooth* power”** is changed from **“Off”** into **“On”**, Bluetooth® connection will begin.

*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

1 AUDIO/VIDEO SYSTEM OPERATION

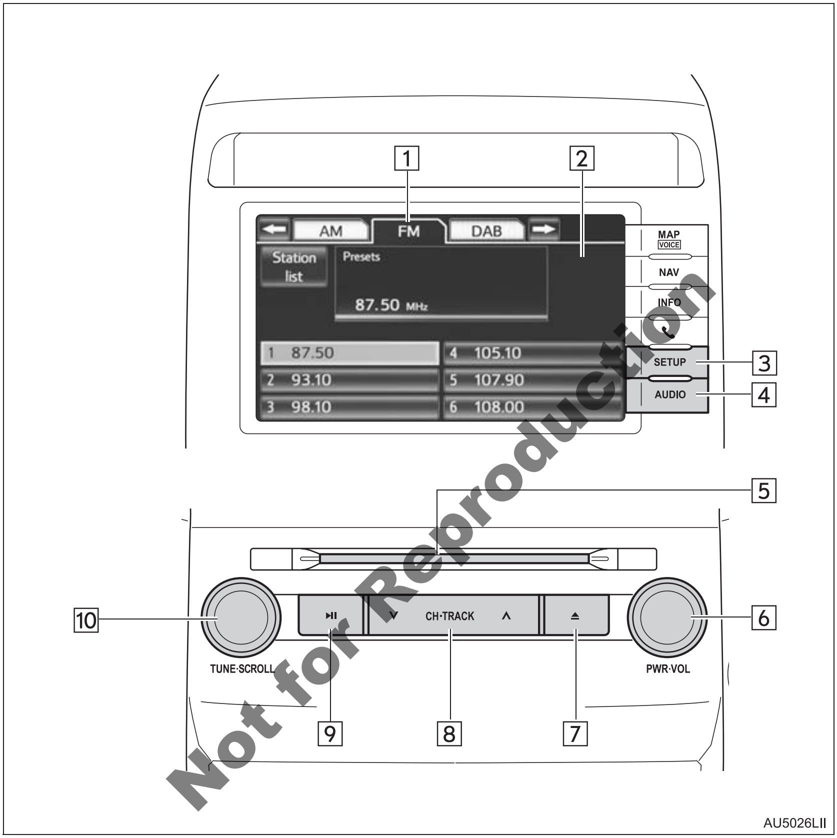
5

AUDIO/VIDEO SYSTEM

2. SETUP

1. QUICK REFERENCE

Operations such as selecting a preset station are carried out on the screen. Press the **“AUDIO”** button to display the audio/video screen.



No.	Name	Function	Page
1	Function menu tab	Touch the desired audio mode screen tab.	191
2	Function menu display screen	Touch to control the selected audio mode.	191
3	“SETUP” button	Press to display the “Setup” screen.	276
4	“AUDIO” button	Press to display the audio control screen.	191
5	Disc slot	Insert discs into the slot.	200
6	“PWR·VOL” knob	Press to turn the audio/video system on and off, and turn to adjust the volume.	191
7	“⏏” button	Press to eject a disc.	200
8	“CH·TRACK” button	Press the “∧” or “∨” button to preset up or down for a station or channel, or to change a desired track, file or chapter. Press and hold the “∧” or “∨” button to seek up or down for a station or channel, or to fast forwarding/rewinding for a track, file or chapter.	196, 197, 201, 203, 207, 222, 227, 230, 237
9	“▶‖” button	Press to mute/unmute or pause/resume the current operation.	—
10	“TUNE·SCROLL” knob	Turn to step up and step down the station band, or skip to the next or previous track, DVD chapter etc.	195, 197 201, 203, 207, 222, 227, 230, 237

2. SOME BASICS

This section describes some of the basic features of the audio/video system. Some information may not pertain to your system.

Your audio/video system works when the “ENGINE START STOP” switch is turned to ACCESSORY or IGNITION ON mode.

CAUTION

- This product is a Class 1 laser product classified under the Safety of laser products, IEC 60825-1:2007, and contains a class 1M laser module. To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product. Refer all servicing to qualified personnel.

CLASS 1 LASER PRODUCT

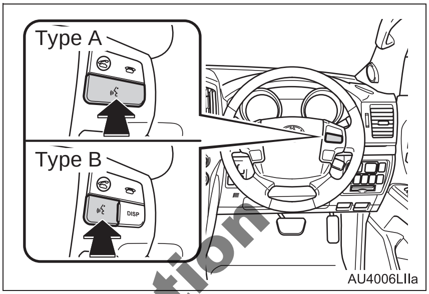
CAUTION - CLASS 1M VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN, DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.

NOTICE

- To prevent the battery from being discharged, do not leave the audio/video system on longer than necessary when the engine is not running.

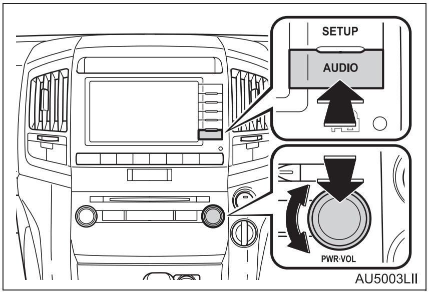
SPEECH COMMAND SYSTEM

Press this switch to operate the speech command system.



- For the operation of the speech command system and the list of commands, see pages 296 and 301.

TURNING THE SYSTEM ON AND OFF



“AUDIO” button: Press to display screen buttons for the audio/video system (audio control mode).

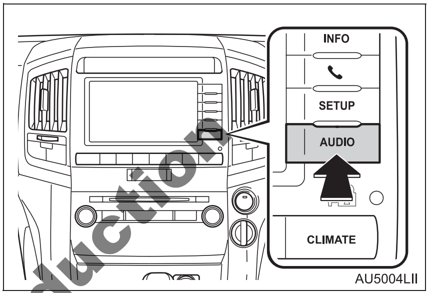
“PWR·VOL” knob: Press to turn the audio/video system on and off. Turn this knob to adjust the volume. The system turns on in the last mode used.

- A function that enables automatic return to the previous screen from the audio/video screen can be selected. See page 43 for details.

SWITCHING BETWEEN FUNCTIONS

▶Using the “AUDIO” button

1 Each time the **“AUDIO”** button is pressed, the audio control mode changes.



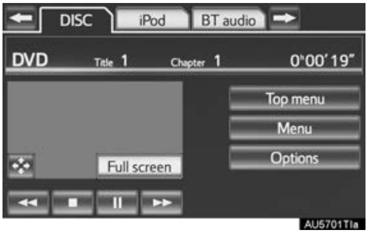
- The audio control mode changes in the following order: **“AM”**, **“FM”**, **“DAB”**, **“DISC”**, **“USB”**, **“iPod”**, **“BT audio”**, **“A/V”*** and **“Rear”***

*: If equipped

▶Using the audio function menu tabs

1 Press the **“AUDIO”** button.

2 Touch the desired tab.



- Up to 3 tabs can be displayed on the screen. Touch ← or →, located either side of the screen tabs, to display tabs from the previous or next page.
- The desired audio mode can be selected by touching ← or → and then selecting that audio mode tab.

INFORMATION

- If a disc is not inserted, the DVD player cannot be turned on.
- The DVD player can be turned off by ejecting a disc.
- When the audio control mode is selected, the respective screen buttons are displayed on the screen.
- Dimmed screen buttons cannot be operated.
- If the system does not respond to a touch of a screen button, move your finger away from the screen and then touch it again.
- Wipe off fingerprints using a glass cleaning cloth. Do not use chemical cleaners to clean the screen.

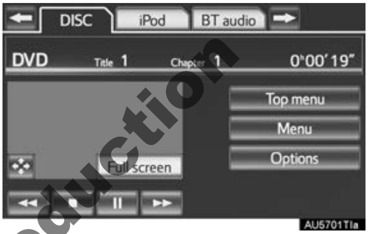
SELECTING SCREEN SIZE

Before selecting screen size, it is necessary to insert a DVD disc and select DISC mode.

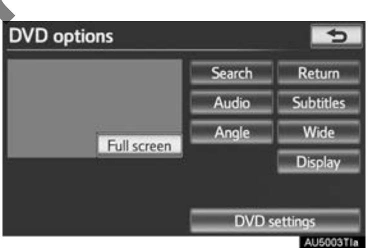
1 Press the **“AUDIO”** button.

2 Touch the **“DISC”** tab.

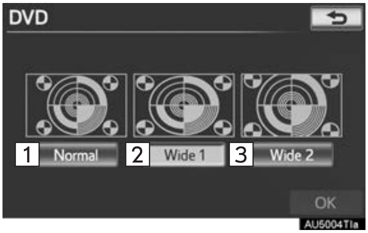
3 Touch **“Options”**.



4 Touch **“Wide”**.



5 Touch the desired screen button.



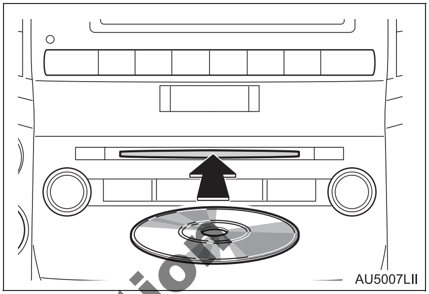
No.	Function
1	To display a 3 : 4 screen, with either side in black.
2	To widen the 3 : 4 screen horizontally to fill the screen.
3	To widen the 3 : 4 screen vertically and horizontally, in the same ratio, to fill the screen.

- When ↩ is touched, the previous screen is displayed.

6 Touch **"OK"**.

DVD PLAYER

1 When inserting a disc, gently insert the disc with the label facing up.



⚠ NOTICE

- Never try to disassemble or oil any part of the DVD player. Do not insert anything other than a disc into the slot.

INFORMATION

- The player is intended for use with 12 cm discs only.

USB PORT

A USB memory/iPod can be connected to the USB port. For details, see “CONNECTING A USB MEMORY” on page 221 and “CONNECTING iPod” on page 226.

1. Press the **“AUDIO”** button.
2. Touch the **“USB”** or **“iPod”** tab or press the **“AUDIO”** button repeatedly to change to USB memory/iPod mode.

INFORMATION

- When a USB memory/iPod is not connected with the USB port, the tab will be dimmed.
- When using the USB port, you maybe unable to use the instrument panel power outlet if a device is connected to the USB port at the same time.

A/V INPUT PORT (if equipped)

Audio/video devices can be connected to the navigation system via the A/V input port. See “CONNECTING iPod” on page 226 and “CONNECTING AUDIO/ VIDEO DEVICE” on page 242.

1. Press the **“AUDIO”** button.
2. Touch the **“iPod”** or **“A/V”** tab or press the **“AUDIO”** button repeatedly to change to A/V or iPod mode.

INFORMATION

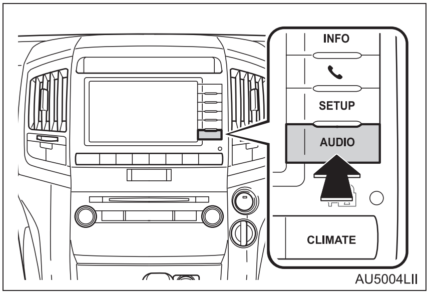
- When audio/video equipment is not connected to the A/V input port, the tab will be dimmed.

3. RADIO OPERATION

LISTENING TO THE RADIO

SELECTING A RADIO STATION

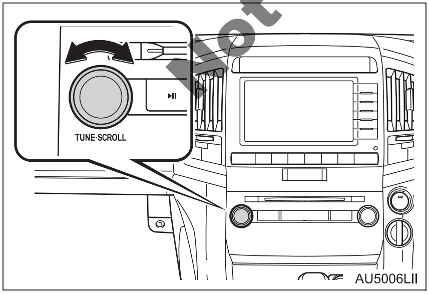
1 Press the **“AUDIO”** button.



2 Touch the **“AM”**, **“FM”** or **“DAB”** tab or press the **“AUDIO”** button repeatedly to select the desired tab.

STEP UP AND DOWN THE STATION BAND

1 Turn the knob clockwise to step up the station band or counterclockwise to step down.



INFORMATION

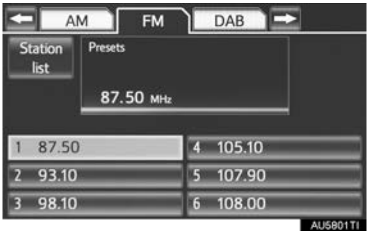
- The radio automatically changes to stereo reception when a stereo broadcast is received.
- If the signal becomes weak, the radio reduces the amount of channel separation to prevent the weak signal from creating noise. If the signal becomes extremely weak, the radio switches from stereo to mono reception.

PRESETTING A STATION

Up to 6 preset stations can be registered in each radio mode.

1 Tune in the desired station.

2 Touch one of the screen buttons (**1**-**6**) and hold it until a beep is heard. This sets the frequency to the screen button. The station’s frequency will be displayed in the screen button.



- To change the preset station to a different one, follow the same procedure.

SELECTING A STATION

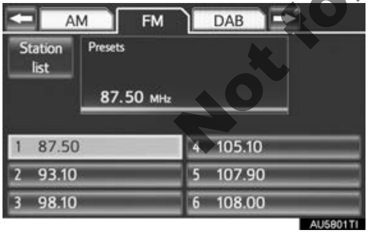
Tune in the desired station using one of the following methods.

Preset tuning: Touch one of the preset channels on the screen or press the **“∧”** or **“∨”** button of **“CH·TRACK”** to select the desired station. The screen button is highlighted and the station frequency appears on the screen.

Seek tuning: Press and hold the **“∧”** or **“∨”** button of **“CH·TRACK”**. The radio will begin seeking up or down for a station of the nearest frequency and will stop when a station is found. Each time the button is pressed, the stations will be searched automatically one after another.

DISPLAYING THE STATION LIST

1 Touch **“Station list”** to display the list of FM stations available.



- If there are no FM stations in the list, the station cannot be changed. The frequency before you operate “Station list” will be kept.

RDS (RADIO DATA SYSTEM)

AF (ALTERNATIVE FREQUENCY) FUNCTION

A station providing good reception is automatically selected if current reception worsens.

TA (TRAFFIC ANNOUNCEMENT) FUNCTION

The tuner will automatically seek a station that regularly broadcasts traffic information and the station broadcasts when the traffic information program starts.

WHEN RECEIVING FM

“TP” will appear on the screen.

INFORMATION

- When TA is set to **“On”**, the radio will begin seeking a TP station. If the radio seeks out a TP station, the program name will appear on the screen. If a TA (Traffic Announcement) station is received, the radio will be switched to the traffic information program automatically. When the program ends, the initial operation resumes. Also, when in AF mode, the radio will seek a TP station by using the AF list.
- EON (Enhanced Other Network) system: If the RDS station (with EON data) currently being listening to is not broadcasting a traffic information program in TA (Traffic Announcement) mode, the radio will be switched to the traffic information program automatically by using the EON AF list. After the traffic information ends, the radio will return to the initial program automatically.

WHEN LISTENING TO OR WATCHING A DISC

A station broadcasting traffic information is sought and “TP” appears on the screen.

INFORMATION

- When the traffic information program starts, the disc playback mode is interrupted and the traffic information is automatically broadcasted. When the program ends, the initial operation resumes.

“TA VOL” (TRAFFIC ANNOUNCEMENT VOLUME) FUNCTION

The volume level when receiving the traffic announcement is memorized.

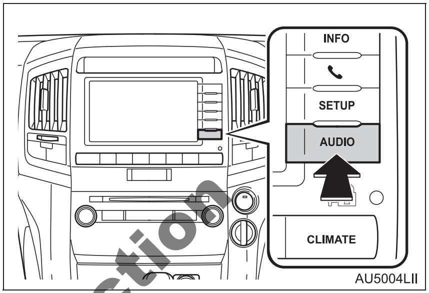
INFORMATION

- When TA (Traffic Announcement) is received next time, the system compares the volume before TA (Traffic Announcement) is received and the memorized TA (Traffic Announcement) volume and automatically selects the louder volume. However, the range of volume memory is limited: if the volume received previously is less than the minimum, this volume will be used.

LISTENING TO THE DAB

SELECTING A DAB

1 Press the **“AUDIO”** button.



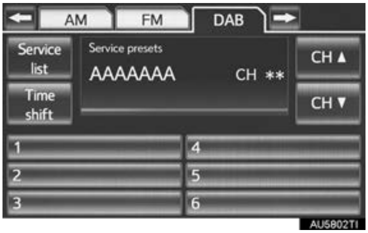
2 Touch the **“DAB”** tab or press the **“AUDIO”** button repeatedly to select DAB mode.

PRESETTING A SERVICE

Up to 6 preset services can be registered.

1 Select the desired service.

2 Touch one of the screen buttons (**1-6**) and hold it until a beep is heard.



- If the “Service presets” screen does not appear, touch **“Service presets”** on the “Service list” screen.
- This sets the service to the screen button. The service name will be displayed in the screen button.
- To change the preset service to a different one, follow the same procedure.

SELECTING A CHANNEL

Select the desired channel using one of the following methods:

- Press the “∧” or “∨” button of **“CH·TRACK”**.
- Touch CH ▲ or CH ▼ on the screen.

SELECTING A SERVICE

Select the desired service using one of the following methods:

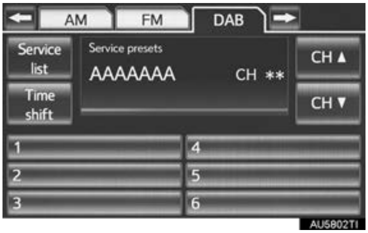
- Turn the **“TUNE·SCROLL”** knob.
- Touch one of the displayed services on the service list screen.
- Touch one of the preset services on the service presets screen.

INFORMATION

- The screen button is high-lighted and the service name appears on the screen.

DISPLAYING THE SERVICE LIST

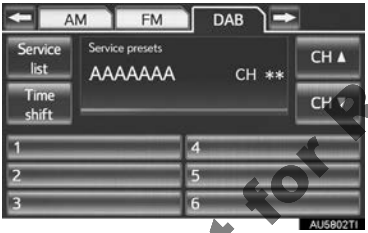
1 Touch **“Service list”** to display the list of DAB service available.



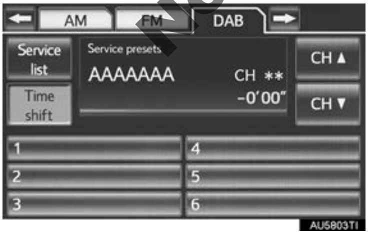
TIME SHIFT OPERATION

The service currently being listened to can be rewound and listened to again.

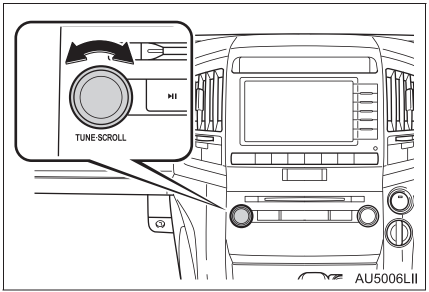
1 Touch **“Time shift”**.



- “-0’ 00”” is displayed on the screen.



2 Turn the **“TUNE·SCROLL”** knob to set the desired time.



- The time can be set in intervals of 10 seconds.
- Time shift mode will be canceled if **“Time shift”** is pressed once again while in time shift mode, or if the time shift display is left showing “-0’ 00”” for 6 seconds without any operation.

INFORMATION

- The times at which playback is possible depend on the bit rate of the DAB channel to be recorded, the amount of DAB unit memory and the time at which reception of the broadcast began.

4. DVD PLAYER OPERATION

For safety reasons, the DVD video discs can only be viewed when the following conditions are met:

(a) The vehicle is completely stopped.

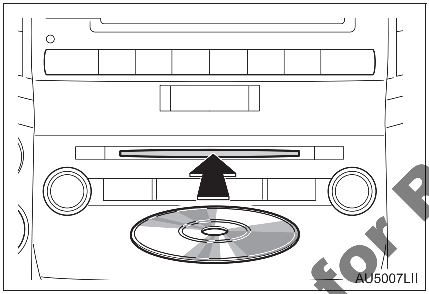
(b) The “ENGINE START STOP” switch is in ACCESSORY or IGNITION ON mode.

(c) The parking brake is applied.

While driving in DVD video mode, only the DVD’s audio can be heard.

INSERTING A DISC

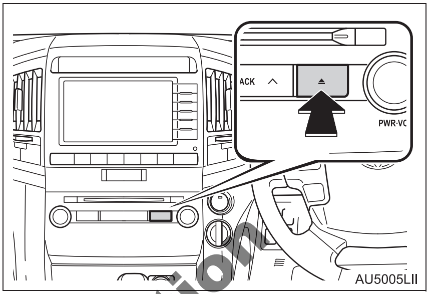
1 Insert a disc into the disc slot.



- After insertion, the disc is automatically loaded.

EJECTING A DISC

1 Press the “⏏” button and remove the disc.

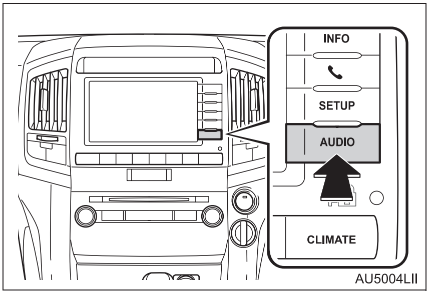


INFORMATION

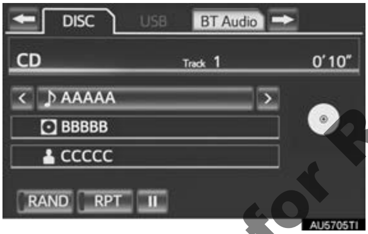
- If a disc is inserted with the label facing down, it cannot be played.

PLAYING A DISC

1 Press the **“AUDIO”** button if a disc has already been loaded in the disc slot.

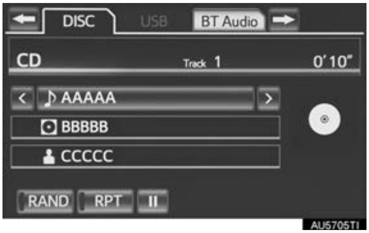


2 Touch the **“DISC”** tab or press the **“AUDIO”** button repeatedly until the **“DISC”** tab is selected.



PLAYING AN AUDIO DISC

1 Touch the **“DISC”** tab.



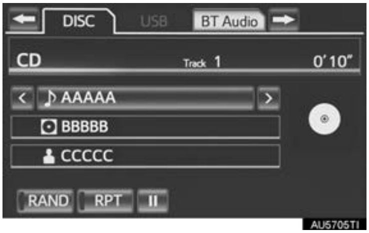
- When CD-TEXT information exists, the name and artist of the CD currently being listened to will be displayed.

II: Touch to pause the track.

▶: Touch to resume playing the track.

SELECTING A DESIRED TRACK

■ON THE AUDIO TOP SCREEN



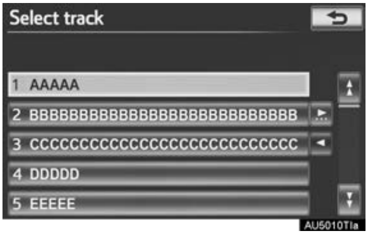
›, ‹: Touch to skip to the next or previous track.

“CH·TRACK” button: Press the **“∧”** or **“∨”** button of **“CH·TRACK”** repeatedly until the desired track number appears on the screen. The player will start playing the selected track from the beginning.

“TUNE·SCROLL” knob: Turn the knob clockwise or counterclockwise to skip to the desired track.

ON THE TRACK LIST SCREEN

1 Touch the track name screen button to display the CD’s track list.



2 Touch the desired track number. The player will start playing the selected track from the beginning.

▲, ▼: Touch to move the list up or down by 5 track groups. If either of these screen buttons is touched when the top/bottom page of the list is displayed, the last/first page is displayed.

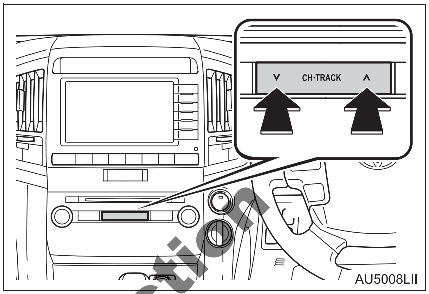
“CH·TRACK” button: Press the **“∧”** or **“∨”** button of **“CH·TRACK”** to scroll through the track list one by one.

“TUNE·SCROLL” knob: Turn the knob clockwise or counterclockwise to quickly scroll up or down the track list.

◄, ►: If ► appears to the right of an item name, the complete name is too long for the screen. Touch ► to scroll to the end of the name. Touch ◄ to move to the beginning of the name.

FAST FORWARDING OR REWINDING

1 Press and hold the **“∧”** or **“∨”** button of **“CH·TRACK”** to fast forward or rewind the disc.



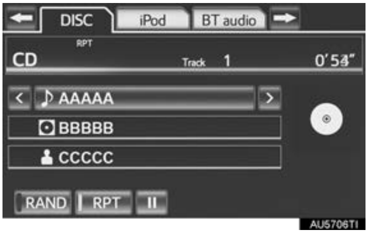
- When the button is released, the player resumes playing from that position.

REPEATING

The track currently being listened to can be repeated.

REPEATING A TRACK

1 Touch **“RPT”** while the track is playing.



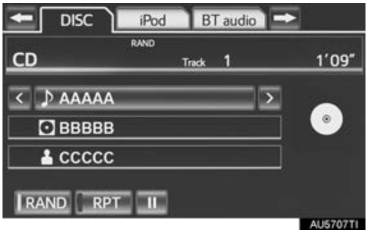
- “RPT” appears on the screen. When the track is finished, the player will automatically play it again. To cancel this function, touch **“RPT”** again.

RANDOM ORDER

Tracks or albums can be automatically and randomly selected.

PLAYING THE TRACKS ON THE DISC IN RANDOM ORDER

1 Touch **“RAND”** while the disc is playing.



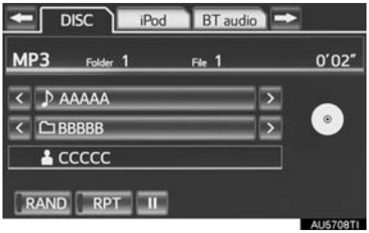
- Once “RAND” appears on the screen, the system selects a track randomly from the disc currently being listened to. To cancel this function, touch **“RAND”** again.

INFORMATION

- If a CD-TEXT disc is inserted, the title of the disc and track will be displayed. Up to 32 characters can be displayed.

PLAYING AN MP3/WMA DISC

1 Touch the **“DISC”** tab.



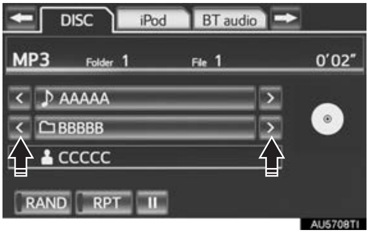
- The file name, folder name and artist name currently being listened to and the disc icon are displayed on the screen.

II: Touch to pause the file.

►: Touch to resume playing the file.

SELECTING A DESIRED FOLDER

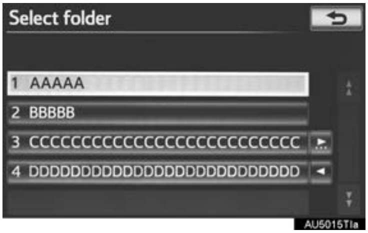
ON THE AUDIO TOP SCREEN



>, <: Touch to skip to the next or previous folder.

ON THE FOLDER LIST SCREEN

1 Touch the folder name screen button to display the following folder list screen.



2 Touch the desired folder number to display the folder's file list. From the file list, select the desired file number.

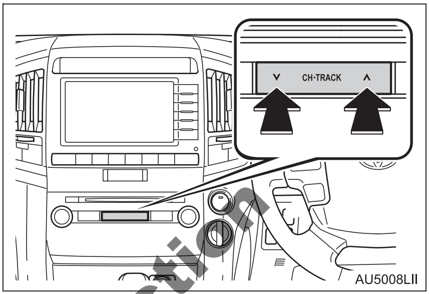
▲, ▼: Touch to move the list up or down by 5 folder groups. If either of these screen buttons is touched when the top/bottom page of the list is displayed, the last/first page is displayed.

"TUNE·SCROLL" knob: Turn the knob clockwise or counterclockwise to quickly scroll up or down the folder list.

◄, ►: If ► appears to the right of an item name, the complete name is too long for the screen. Touch ► to scroll to the end of the name. Touch ◄ to move to the beginning of the name.

FAST FORWARDING OR REWINDING THE FILE

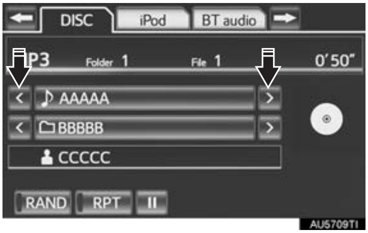
1 Press and hold the **"∧"** or **"∨"** button of **"CH·TRACK"** to fast forward or rewind the file.



- When the button is released, the player resumes playing from that position.

SELECTING A DESIRED FILE

ON THE AUDIO TOP SCREEN



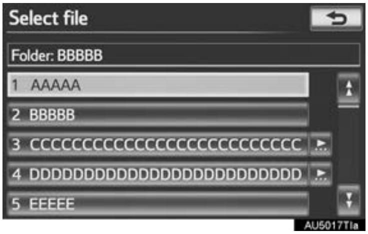
>, <: Touch to skip to the next or previous file.

"CH·TRACK" button: Press the **"∧"** or **"∨"** button of **"CH·TRACK"** repeatedly until the desired file number appears on the screen. The player will start playing the selected file from the beginning.

"TUNE·SCROLL" knob: Turn the knob clockwise or counterclockwise to skip to the desired file.

ON THE FILE LIST SCREEN

1 Touch the file name screen button to display the following file list screen.



2 Touch the desired file number. The player will start playing the selected file from the beginning.

▲, ▼: Touch to move the list up or down by 5 file groups. If either of these screen buttons is touched when the top/bottom page of the list is displayed, the last/first page is displayed.

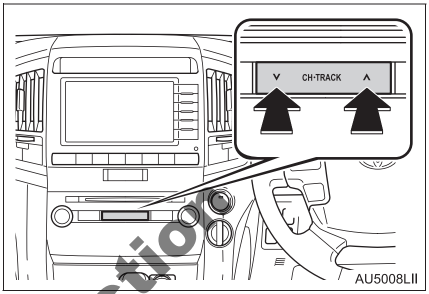
“CH·TRACK” button: Press the **“∧”** or **“∨”** button of **“CH·TRACK”** to scroll through the file list one by one.

“TUNE·SCROLL” knob: Turn the knob clockwise or counterclockwise to quickly scroll up or down the file list.

◀, ▶: If ▶ appears to the right of an item name, the complete name is too long for the screen. Touch ▶ to scroll to the end of the name. Touch ◀ to move to the beginning of the name.

FAST FORWARDING OR REWINDING THE FILE

1 Press and hold the **“∧”** or **“∨”** button of **“CH·TRACK”** to fast forward or rewind the file.



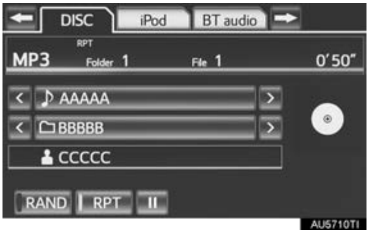
- When the button is released, the player resumes playing from that position.

REPEATING

The file or folder currently being listened to can be repeated.

REPEATING A FILE

1 Touch **“RPT”** while the file is playing.



- Each time **“RPT”** is touched, the mode changes as follows:

▶When “RAND” is off

- file repeat → folder repeat → off

▶ When “RAND” is on

- file repeat → off

- “RPT” appears on the screen. When the file is finished, the player will automatically play it again. To cancel this function, touch **“RPT”** repeatedly until the repeat mode turns off.

REPEATING A FOLDER

1 Touch **“RPT”** repeatedly until “FLD.RPT” appears on the screen.

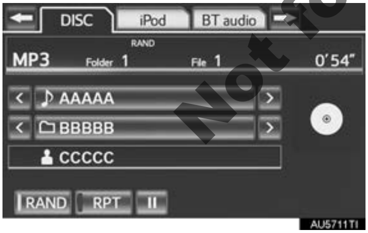
- When the folder is finished, the player will automatically go back to the beginning of the folder and play it again. To cancel this function, touch **“RPT”** again.

RANDOM ORDER

Files or folders can be automatically and randomly selected.

PLAYING FILES FROM ONE FOLDER IN RANDOM ORDER

1 Touch **“RAND”** while the disc is playing.



- Each time **“RAND”** is touched, the mode changes as follows:
  - random (1 folder random) → folder random (1 disc random) →off
- Once “RAND” appears on the screen, the system selects a file randomly from the folder currently being listened to. To cancel this function, touch **“RAND”** repeatedly until the random mode turns off.

PLAYING THE FILES IN ALL THE FOLDERS ON THE DISC IN RANDOM ORDER

1 Touch **“RAND”** repeatedly until “FLD.RAND” appears on the screen.

- Once “FLD.RAND” appears on the screen, the system selects a file randomly from all of the existing folders. To cancel this function, touch **“RAND”** again.

INFORMATION

- When a file is skipped or the system is inoperative, touch **“RAND”** to reset.

OPERATING A DVD DISC

The playback condition of some DVD discs may be determined by the DVD software producer. This DVD player plays a disc as the software producer intended. As such some functions may not work properly. Be sure to read the instruction manual that comes with the individual DVD disc. For detailed information about DVD video discs, see “DVD PLAYER AND DVD VIDEO DISC INFORMATION” on page 218.

PRECAUTIONS ON DVD VIDEO DISC

When recording with a DVD video, audio tracks may not record in some cases while the menu is displayed. As audio will not play in this case, verify that the video tracks are playing and then activate playback.

When playback of a disc is completed:

If an audio CD or MP3/WMA disc is playing, the first track or file starts.

If a DVD video is playing, playback will stop or the menu screen will be displayed.

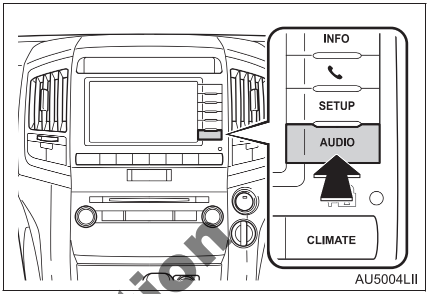
The title/chapter number and playback time display may not appear while playing back certain DVD video discs.

CAUTION

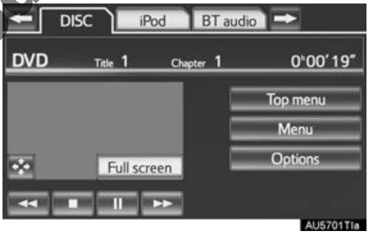
- Conversational speech on some DVDs is recorded at a low volume to emphasize the impact of sound effects. If you adjust the volume assuming that the conversations represent the maximum volume level that the DVD will play, you may be startled by louder sound effects or when you change to a different audio source. The louder sounds may have a significant impact on the human body or pose a driving hazard. Keep this in mind when you adjust the volume.

PLAYING A DVD DISC

1 Press the **“AUDIO”** button if a disc has already been loaded in the disc slot.

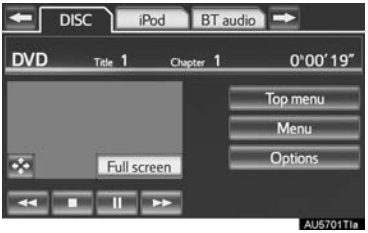


2 Touch the **“DISC”** tab or press the **“AUDIO”** button repeatedly until the **“DISC”** tab is selected.



- Touch **“Options”** on the “DVD” screen, then touch **“Wide”** on the “DVD options” screen. The screen mode can be changed.
- If **“Full screen”** is touched when the vehicle is completely stopped and the parking brake is applied, the video screen returns.

DISPLAYING DVD CONTROLS



- If ✥ is touched, while watching a DVD, the DVD controls will appear.

INFORMATION

- If 🛇 appears on the screen when a control is touched, the operation relevant to the control is not permitted.

DESCRIPTION OF DVD VIDEO CONTROLS

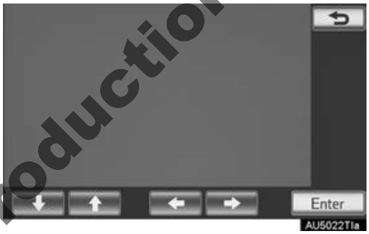
Screen button	Function
“Top menu”, “Menu”	Touch to display the menu screen for DVD video.
✥	The menu control key appears on the screen. (See page 208.)
⏸	Touch to pause the video screen.
⏪	Touch to rewind during playback.
■	Touch to stop the video screen.
▶	Touch to resume normal play during pause.
⏩	Touch to fast forward during playback and forward frame by frame during pause.

CHANGING A CHAPTER

1 Press the “∧” or “∨” button of **“CH·TRACK”** or turn the **“TUNE·SCROLL”** knob to change the chapter.

SELECTING A MENU ITEM

1 Select the menu item using ↓, ↑, ← or → and touch **“Enter”**. The player starts playing the disc from the start of the selected item.



- When ↩ is touched, the previous screen is displayed.

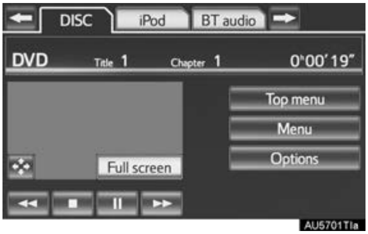
INFORMATION

- According to the DVD disc, some menu items can be selected directly. (For details, see the manual that comes with the DVD disc provided separately.)

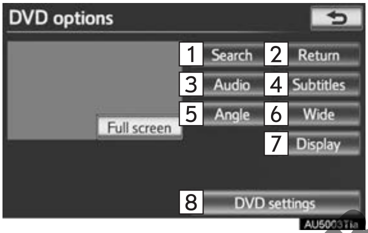
DVD OPTIONS

1 Touch the **“DISC”** tab.

2 Touch **“Options”**.



3 This screen is displayed.

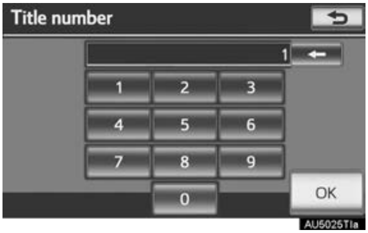


No.	Function
1	Touch to display the title search screen. (See page 210.)
2	Touch to display the predetermined scene on the screen and start playing.
3	Touch to display the audio selection screen. (See page 210.)
4	Touch to display the subtitle selection screen. (See page 210.)
5	Touch to display the angle selection screen. (See page 211.)
6	Touch to display the screen mode screen. (See page 192.)
7	Touch to display the image quality adjustment screen. (See page 211.)
8	Touch to display the initial setup screen. (See page 212.)

SEARCHING BY TITLE

1 Touch **“Search”** on the “DVD options” screen.

2 Enter the title number and touch **“OK”**.

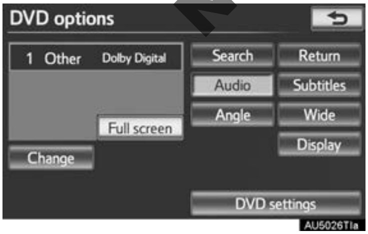


- The player starts playing video for that title number.
- If the wrong numbers are entered, touch ← to delete the numbers.
- When ↩ is touched, the previous screen is displayed.

CHANGING THE AUDIO LANGUAGE

1 Touch **“Audio”** on the “DVD options” screen.

2 Each time **“Change”** is touched, the audio language is changed.

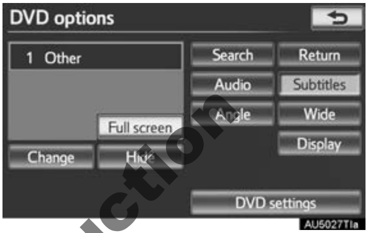


- The languages available are restricted to those available on the DVD disc.
- When ↩ is touched, the previous screen is displayed.

CHANGING THE SUBTITLE LANGUAGE

1 Touch **“Subtitles”** on the “DVD options” screen.

2 Each time **“Change”** is touched, the language the subtitles are displayed in is changed.



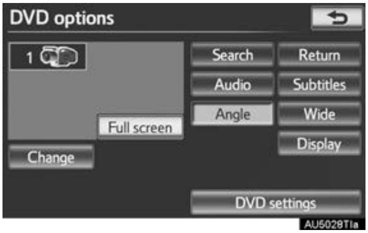
- The languages available are restricted to those available on the DVD disc.
- When **“Hide”** is touched, the subtitles can be hidden.
- When ↩ is touched, the previous screen is displayed.

CHANGING THE ANGLE

The angle can be selected for discs that are multi-angle compatible when the angle mark appears on the screen.

1 Touch **“Angle”** on the “DVD options” screen.

2 Each time **“Change”** is touched, the angle is changed.



- The angles available are restricted to those available on the DVD disc.
- When ↩ is touched, the previous screen is displayed.

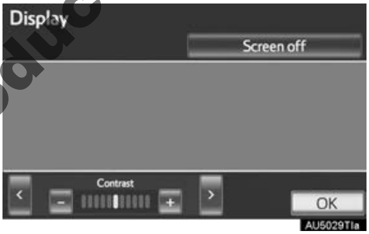
AUDIO SCREEN ADJUSTMENT

The brightness, contrast, colour and tone of the screen can be adjusted. In addition, the display can be turned off and the screen can be changed to either day or night mode.

CONTRAST, BRIGHTNESS, COLOUR AND TONE ADJUSTMENT

1 Touch **“Display”** on the “DVD options” screen.

2 Touch **“<”** or **“>”** to display the desired item to be adjusted.



Screen button	Function
“Contrast” “+”	Touch to strengthen the contrast of the screen.
“Contrast” “-”	Touch to weaken the contrast of the screen.
“Brightness” “+”	Touch to brighten the screen.
“Brightness” “-”	Touch to darken the screen.
“Colour” “R”	Touch to strengthen the red colour of the screen.
“Colour” “G”	Touch to strengthen the green colour of the screen.
“Tone” “+”	Touch to strengthen the tone of the screen.
“Tone” “-”	Touch to weaken the tone of the screen.

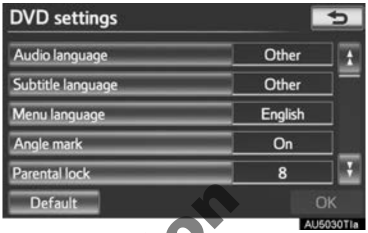
3 After adjusting the screen, touch **“OK”**.

- The screen goes off when **“Screen off”** is touched. To turn the screen back on, press any button. The selected screen appears.

DVD SETTINGS

1 Touch **“DVD settings”** on the “DVD options” screen.

2 Touch the items to be set.



DVD settings

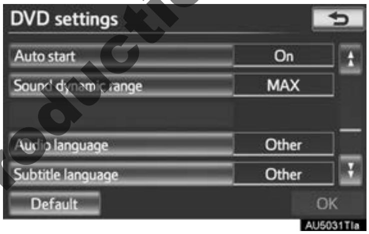
Audio language: Other

Subtitle language: Other

Menu language: English

Angle mark: On

Parental lock: 8



DVD settings

Auto start: On

Sound dynamic range: MAX

Audio language: Other

Subtitle language: Other

3 After the initial setting has been changed, touch **“OK”**.

- This screen will close, and the system will return to the previous screen.
- When **“Default”** is touched, all menus are initialized.

AUDIO LANGUAGE

The audio language can be changed.

1 Touch **“Audio language”** on the “DVD settings” screen.

2 Touch the desired language to be heard on the “Audio language” screen.

- If the desired language to be heard cannot be found on this screen, touch **“Other”** and enter a language code. For entry of a language code, see “ENTER AUDIO/SUBTITLE/MENU LANGUAGE CODE” on page 214.
- To return to the “DVD settings” screen, touch ↩.

3 Touch **“OK”** on the “DVD settings” screen.

SUBTITLE LANGUAGE

The subtitle language can be changed.

1 Touch **“Subtitle language”** on the “DVD settings” screen.

2 Touch the desired language to be read on the “Subtitle language” screen.

- If the desired language to be read cannot be found on this screen, touch **“Other”** and enter a language code. For entry of a language code, see “ENTER AUDIO/SUBTITLE/MENU LANGUAGE CODE” on page 214.
- To return to the “DVD settings” screen, touch ↩.

3 Touch **“OK”** on the “DVD settings” screen.

MENU LANGUAGE

The language on the DVD video menu can be changed.

1 Touch **“Menu language”** on the “DVD settings” screen.

2 Touch the desired language to be read on the “Menu language” screen.

- If the desired language to be read cannot be found on this screen, touch **“Other”** and enter a language code. For entry of a language code, see “ENTER AUDIO/SUBTITLE/MENU LANGUAGE CODE” on page 214.
- To return to the “DVD settings” screen, touch ↩.

3 Touch **“OK”** on the “DVD settings” screen.

ANGLE MARK

The multi-angle mark can be turned on or off on the screen while discs that are multi-angle compatible are being played.

1 Touch **“Angle mark”** on the “DVD settings” screen.

2 Touch **“On”** or **“Off”**.

3 Touch **“OK”** on the “DVD settings” screen.

PARENTAL LOCK

The level of viewer restrictions can be changed.

1. Touch **“Parental lock”** on the “DVD Settings” screen.
2. Enter the 4-digit personal code on the “Key code” screen.

- If the wrong numbers are entered, touch ← to delete the numbers.
- To return to the “DVD settings” screen, touch ↩.

3. Touch a parental level (**1**-**8**) on the “Select restriction level” screen.

- To return to the “DVD settings” screen, touch ↩.

4. Touch **“OK”** on the “DVD settings” screen.

AUTO START PLAYBACK

Discs that are inserted while the vehicle is in motion will automatically start playing. Certain discs may not play.

1. Touch **“Auto start”** on the “DVD settings” screen.
2. Touch **“On”** or **“Off”**.
3. Touch **“OK”** on the “DVD settings” screen.

SOUND DYNAMIC RANGE

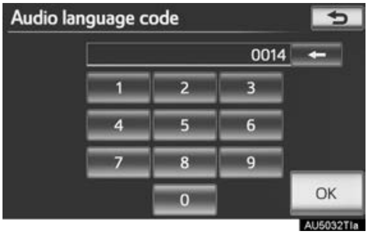
The difference between the lowest volume and the highest volume can be adjusted.

1. Touch **“Sound dynamic range”** on the “DVD settings” screen.
2. Touch **“MAX”**, **“STD”** or **“MIN”**.
3. Touch **“OK”** on the “DVD settings” screen.

ENTER AUDIO/SUBTITLE/ MENU LANGUAGE CODE

If **“Other”** on the “Audio language” screen, “Subtitle language” screen or “Menu language” screen is touched, the desired language to be heard or read can be selected by entering a language code.

1. Enter the 4-digit language code.



- If the wrong numbers are entered, touch ← to delete the numbers.
- To return to the “DVD settings” screen, touch ↩.

2. Touch **“OK”**.
3. Touch **“OK”** on the “DVD settings” screen.

Code	Language
0514	English
1001	Japanese
0618	French
0405	German
0920	Italian
0519	Spanish
2608	Chinese
1412	Dutch
1620	Portuguese
1922	Swedish
1821	Russian
1115	Korean
0512	Greek
0101	Afar
0102	Abkhazian
0106	Afrikaans
0113	Amharic
0118	Arabic
0119	Assamese
0125	Aymara
0126	Azerbaijani
0201	Bashkir
0205	Byelorussian
0207	Bulgarian
0208	Bihari
0209	Bislama
0214	Bengali, Bangla
0215	Tibetan

Code	Language
0218	Breton
0301	Catalan
0315	Corsican
0319	Czech
0325	Welsh
0401	Danish
0426	Bhutani
0515	Esperanto
0520	Estonian
0521	Basque
0601	Persian
0609	Finnish
0610	Fiji
0615	Faroese
0625	Frisian
0701	Irish
0704	Scottish-Gaelic
0712	Galician
0714	Guarani
0721	Gujarati
0801	Hausa
0809	Hindi
0818	Croatian
0821	Hungarian
0825	Armenian
0901	Interlingua
0905	Interlingue
0911	Inupiak

Code	Language
0914	Indonesian
0919	Icelandic
0923	Hebrew
1009	Yiddish
1023	Javanese
1101	Georgian
1111	Kazakh
1112	Greenlandic
1113	Cambodian
1114	Kannada
1119	Kashmiri
1121	Kurdish
1125	Kirghiz
1201	Latin
1214	Lingala
1215	Laotian
1220	Lithuanian
1222	Latvian, Lettish
1307	Malagasy
1309	Maori
1311	Macedonian
1312	Malayalam
1314	Mongolian
1315	Moldavian
1318	Marathi
1319	Malay
1320	Maltese
1325	Burmese

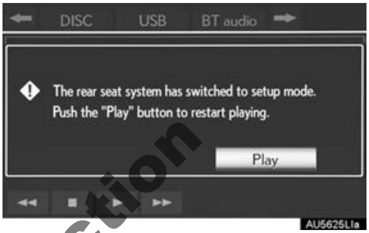
Code	Language
1401	Nauru
1405	Nepali
1415	Norwegian
1503	Occitan
1513	(Afan) Oromo
1518	Oriya
1601	Panjabi
1612	Polish
1619	Pashto, Pushto
1721	Quechua
1813	Rhaeto-Romance
1814	Kirundi
1815	Romanian
1823	Kinyarwanda
1901	Sanskrit
1904	Sindhi
1907	Sango
1908	Serbo-Croatian
1909	Sinhalese
1911	Slovak
1912	Slovenian
1913	Samoan
1914	Shona
1915	Somali
1917	Albanian
1918	Serbian
1919	Siswati
1920	Sesotho

Code	Language
1921	Sundanese
1923	Swahili
2001	Tamil
2005	Telugu
2007	Tajik
2008	Thai
2009	Tigrinya
2011	Turkmen
2012	Tagalog
2014	Setswana
2015	Tongan
2018	Turkish
2019	Tsonga
2020	Tatar
2023	Twi
2111	Ukrainian
2118	Urdu
2126	Uzbek
2209	Vietnamese
2215	Volapük
2315	Wolof
2408	Xhosa
2515	Yoruba
2621	Zulu

SETUP OPERATION FROM THE REAR SEAT

▶Vehicles with rear seat entertainment system

This screen appears when a rear passenger selects the setup menu.



The rear seat system has switched to setup mode. Push the "Play" button to restart playing.

- Front passengers can cancel this setup operation by touching **“Play”**. The player will resume normal play.
- Likewise, a rear passenger can cancel a front passenger’s selection of the setup menu.
- To lock the rear seat entertainment system, see “OPERATION FROM THE FRONT SEATS” on page 250.

IF THE PLAYER MALFUNCTIONS

If the player or another unit equipped with the player malfunctions, the audio/video system will display a message. These are described below.

If “No disc found.” appears on the display: It indicates that there is no disc in the DVD player.

If “Check DISC” appears on the screen: It indicates that the disc is dirty, damaged, or it was inserted upside down. Clean the disc or insert it correctly. If a disc which is not playable is inserted, “Check DISC” will also appear on the screen. For appropriate discs for the player, see “AUDIO/VIDEO SYSTEM OPERATING HINTS” on page 268.

If “DISC error” appears on the display: The following causes are possible.

- There is a trouble inside the system.
  Eject the disc.
- The inside of the player unit may be too hot due to the very high ambient temperature.
  Eject the disc and allow the player to cool down.

If “Region code error” appears on the screen: It indicates that the DVD region code is not set properly.

If the malfunction is not rectified: Contact your Toyota dealer.

INFORMATION

- If an MP3/WMA disc contains CD-DA files only, the CD-DA files can be played. If an MP3/WMA disc contains CD-DA files and files other than CD-DA files, only MP3/WMA files can be played.

DVD PLAYER AND DVD VIDEO DISC INFORMATION

DVD VIDEO DISCS

This DVD player conforms to PAL/NTSC colour TV formats. DVD video discs conforming to another formats such as SECAM cannot be used.

Region codes: Some DVD video discs have a region code indicating which countries the DVD video disc can be played in on this DVD player. If the DVD video disc is not labeled as “ALL” or “4”, you cannot use it on this DVD player. If you attempt to play an inappropriate DVD video disc on this player, “Region code error” appears on the screen. Even if the DVD video disc does not have a region code, there are cases when it cannot be used.

MARKS SHOWN ON DVD VIDEO DISCS

PAL/NTSC	Indicates PAL/NTSC format of colour TV.
2	Indicates the number of audio tracks.
2	Indicates the number of language subtitles.
3	Indicates the number of angles.
16:9 LB 4:3	Indicates the screen to be selected. Wide screen: 16:9 Standard: 4:3
ALL 4	Indicates a region code by which this video disc can be played. ALL: in all countries Number: region code

DVD VIDEO DISC GLOSSARY

DVD video discs: Digital Versatile Disc that holds video. DVD video discs have adopted “MPEG2”, one of the world standards of digital compression technologies. The picture data is compressed by 1/40 on average and stored. Variable rate encoded technology in which the volume of data assigned to the picture is changed depending on the picture format has also been adopted. Audio data is stored using PCM and Dolby Digital, which enables higher quality of sound. Furthermore, multi-angle and multi-language features will also help users enjoy the more advanced technology of DVD video.

Viewer restrictions: This feature limits what can be viewed in conformity with a level of restrictions of the country. The level of restrictions varies depending on the DVD video disc. Some DVD video discs cannot be played at all, or violent scenes are skipped or replaced with other scenes.

- Level 1: DVD video discs for children can be played.
- Level 2 - 7: DVD video discs for children and G-rated movie can be played.
- Level 8: All types of the DVD video discs can be played.

Multi-angle feature: The same scene can be enjoyed from different angles.

Multi-language feature: The subtitle and audio language can be selected.

Region codes: The region codes are provided on DVD players and DVD discs. If the DVD video disc does not have the same region code as the DVD player, you cannot play the disc on the DVD player. For region codes, see page 219.

Audio: This DVD player can play liner PCM, Dolby Digital and MPEG audio format DVDs. Other decoded types cannot be played.

Title and chapter: Video and audio programs stored in DVD video discs are divided into parts by title and chapter.

Title: The largest unit of the video and audio programs stored on DVD video discs. Usually, one movie, one album, or one audio program is assigned as a title.

Chapter: A unit smaller than that of title. A title comprises of several chapters.

- Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

5. USB MEMORY OPERATION

Connecting a USB memory enables users to enjoy music from the vehicle speakers.

CAUTION

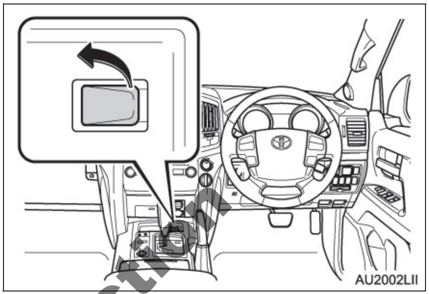
- Do not operate the player’s controls or connect the USB memory while driving.

NOTICE

- Do not leave your portable player in the car. In particular, high temperatures inside the vehicle may damage the portable player.
- Do not push down on or apply unnecessary pressure to the portable player while it is connected as this may damage the portable player or its terminal.
- Do not insert foreign objects into the port as this may damage the portable player or its terminal.

CONNECTING A USB MEMORY

1 Open the cover and connect a USB memory.



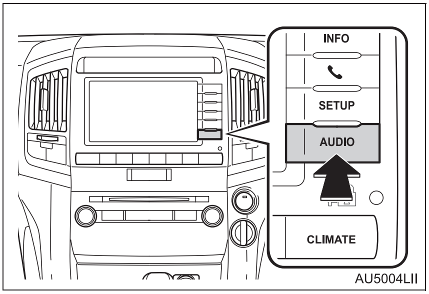
- Turn on the power of the USB memory if it is not turned on.

2 Press the **“AUDIO”** button.

PLAYING A USB MEMORY

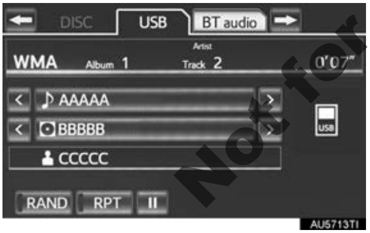
PLAYING AND PAUSING A USB MEMORY

1 Press the **“AUDIO”** button if a USB memory has already been connected.

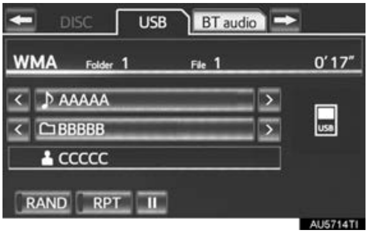


2 Touch the **“USB”** tab or press the **“AUDIO”** button repeatedly until the **“USB”** tab is selected.

▶Tag mode



▶Folder mode



INFORMATION

- If tag information exists, the file/folder names will be changed to track/album names.

►: Touch to start playing the music.

II: Touch to pause the music.

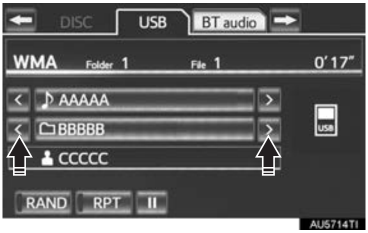
- To start playing the music again, touch ►.

INFORMATION

- When the USB memory is connected and the audio source is changed to USB memory mode, the USB memory will start playing the first file in the first folder. If the same device is removed and reinserted (and the contents have not been changed), the USB memory will resume playing from the same point it was last used.
- Depending on the USB memory that is connected to the system, certain functions may not be available.

SELECTING A DESIRED FOLDER/ALBUM

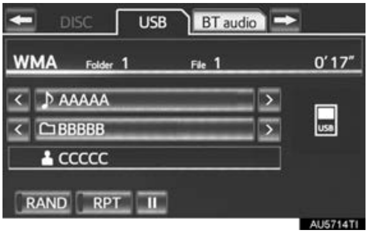
ON THE USB TOP SCREEN



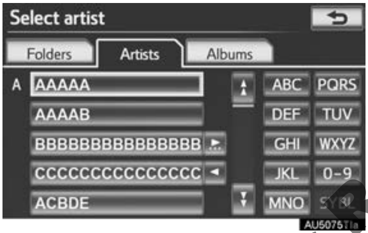
>, <: Touch to skip to the next or previous folder/album.

SELECTING A DESIRED FOLDER, ARTIST OR ALBUM

1 Touch the folder/album name screen button.



2 Touch the desired tab and select the desired folder, artist or album.



- Character screen buttons, **“ABC”**, **“DEF”** etc., allow a direct jump to list entries that begin with the same letter as the character screen button.
  Each time the same character screen button is touched, the list starting with the subsequent character is displayed.

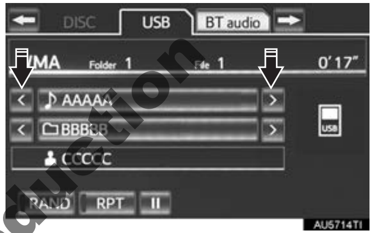
▲, ▼: Touch to move the list up or down by 5 folder/artist/album groups. If either of these screen buttons is touched when the top/bottom page of the list is displayed, the last/first page is displayed.

“TUNE·SCROLL” knob: Turn the knob clockwise or counterclockwise to quickly scroll up or down the folder/artist/album list.

◄, ►: If ► appears to the right of an item name, the complete name is too long for the screen. Touch ► to scroll to the end of the name. Touch ◄ to move to the beginning of the name.

SELECTING A DESIRED FILE/ TRACK

ON THE USB TOP SCREEN



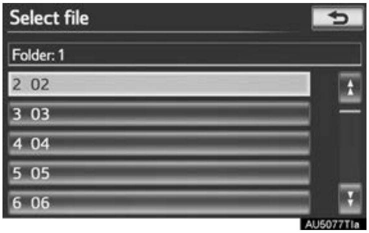
>, <: Touch to skip to the next or previous file/track.

“CH·TRACK” button: Press the **“∧”** or **“∨”** button of **“CH·TRACK”** repeatedly until the desired file/track number appears on the screen. The player will start playing the selected file/track from the beginning.

“TUNE·SCROLL” knob: Turn the knob clockwise or counterclockwise to skip to the desired file/track.

ON THE FILE/TRACK LIST SCREEN

1 Touch the file/track name screen button to display the following file/track list screen.



2 Touch the desired file/track number. The player will start playing the selected file/track from the beginning.

↑, ↓: Touch to move the list up or down by 5 file/track groups. If either of these screen buttons is touched when the top/bottom page of the list is displayed, the last/first page is displayed.

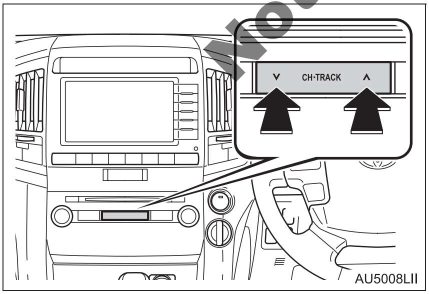
“CH·TRACK” button: Press the **“∧”** or **“∨”** button of **“CH·TRACK”** to scroll through the file/track list one by one.

“TUNE·SCROLL” knob: Turn the knob clockwise or counterclockwise to quickly scroll up or down the file/track list.

◀, ▶: If ▶ appears to the right of an item name, the complete name is too long for the screen. Touch ▶ to scroll to the end of the name. Touch ◀ to move to the beginning of the name.

FAST FORWARDING OR REWINDING THE FILE/TRACK

1 Press and hold the **“∧”** or **“∨”** button of **“CH·TRACK”** to fast forward or rewind the file/track.



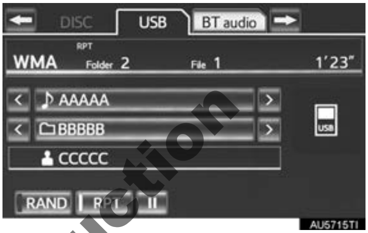
- When the button is released, the player resumes playing from that position.

REPEATING

The file or folder currently being listened to can be repeated.

REPEATING A FILE/TRACK

1 Touch **“RPT”** while the file or track is playing.



- Each time **“RPT”** is touched, the mode changes as follows:

▶When “RAND” is off

- file/track repeat → folder/album repeat → off

▶When “RAND” is on

- file/track repeat → off
- “RPT” appears on the screen. When the file/track is finished, the player will automatically play it again. To cancel this function, touch **“RPT”** repeatedly until the repeat mode turns off.

REPEATING A FOLDER/ALBUM

1 Touch **“RPT”** repeatedly until “FLD.RPT” appears on the screen.

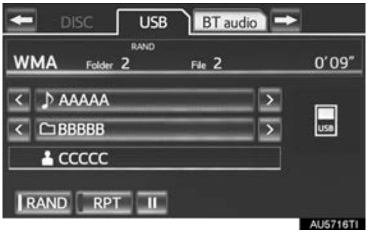
- When the folder/album is finished, the player will automatically go back to the beginning of the folder/album and play it again. To cancel this function, touch **“RPT”** again.

RANDOM ORDER

Files or folders can be automatically and randomly selected.

PLAYING FILES/TRACKS IN RANDOM ORDER

1 Touch **“RAND”** while the file or track is playing.



- Each time **“RAND”** is touched, the mode changes as follows:
  - random (1 folder/album random) → folder/album random (all folder/album random) → off
- Once “RAND” appears on the screen, the system selects a file/track randomly from the folder/album currently being listened to. To cancel this function, touch **“RAND”** repeatedly until the random mode turns off.

ALL FOLDER/ALBUM RANDOM PLAY

1 Touch **“RAND”** repeatedly until “FLD.RAND” appears on the screen

- Once “FLD.RAND”/“ALB.RAND” appears on the screen, the system selects a file randomly from all of the existing folders or albums. To cancel this function, touch **“RAND”** again.

6. iPod OPERATION

Connecting an iPod enables users to enjoy music from the vehicle speakers.

Also, for iPod video compatible models, iPod video can be viewed when the vehicle is parked. (Vehicles with A/V input port)

CAUTION

- Do not operate the player’s controls or connect the iPod while driving.

NOTICE

- Do not leave your portable player in the car. In particular, high temperatures inside the vehicle may damage the portable player.
- Do not push down on or apply unnecessary pressure to the portable player while it is connected as this may damage the portable player or its terminal.
- Do not insert foreign objects into the port as this may damage the portable player or its terminal.
- When the A/V input port is not in use, keep the A/V input port cover closed. Inserting anything other than an appropriate plug may cause electrical failure or a short circuit. (Vehicles with A/V input port)

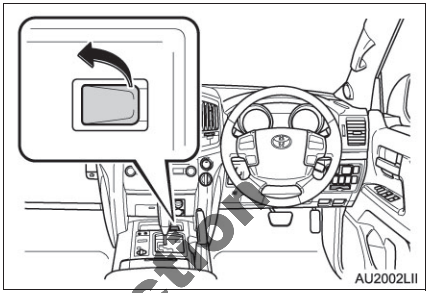
INFORMATION

- When an iPod is connected using a genuine iPod cable, the iPod starts charging its battery.

CONNECTING iPod

▶Playing iPod music

1 Open the cover and connect iPod using an iPod cable.

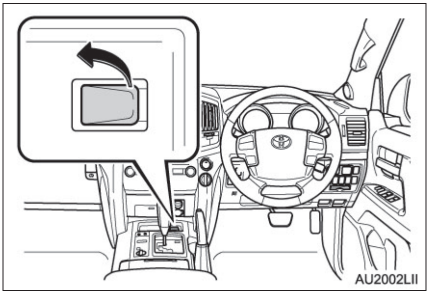


- Turn on the power of the iPod if it is not turned on.

2 Press the **“AUDIO”** button.

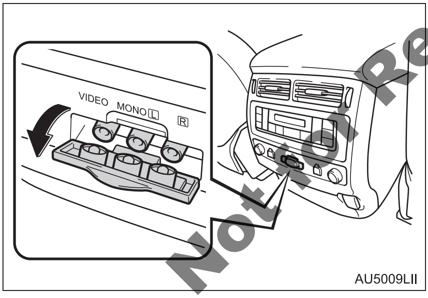
▶ Playing iPod music and video (Vehicles with A/V input port)

1 Open the cover and connect iPod using an iPod cable or an iPod A/V cable.



- Turn on the power of the iPod if it is not turned on.

2 Open the cover of the A/V input port and connect an iPod using an iPod A/V cable.



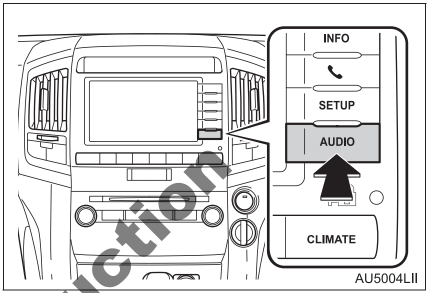
3 Press the **"AUDIO"** button.

- When the vehicle is completely stopped and the parking brake is applied, iPod video can be displayed on models that are iPod video compatible.

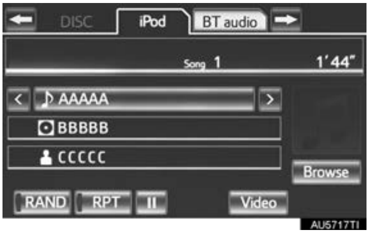
PLAYING iPod MUSIC

PLAYING AND PAUSING iPod

1 Press the **"AUDIO"** button if an iPod has already been connected.



2 Touch the **"iPod"** tab or press the **"AUDIO"** button repeatedly until the **"iPod"** tab is selected.



►: Touch to start playing the music.

II: Touch to pause the music.

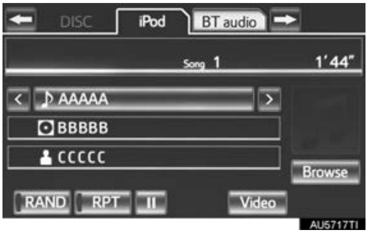
- To start playing the music again, touch ►.
- Touch **"Video"** to display the iPod video control screen. (Vehicles with A/V input port)

INFORMATION

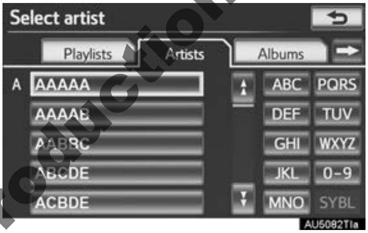
- When the iPod connected to the system includes iPod video, the system can only output the sound by touching **“Video”** on the “iPod” screen.
- Depending on the iPod, the video sound may not be able to be heard.
- Depending on the iPod and the songs in the iPod, iPod cover art may be displayed. This function can be changed to **“On”** or **“Off”**. See “iPod AND EXTERNAL VIDEO SETTINGS” on page 279. It may take time to display iPod cover art, and the iPod may not be operated while the cover art display is in process. Only the iPod cover art that is saved in JPEG format can be displayed.
- When an iPod is connected and the audio source is changed to iPod mode, the iPod will resume playing from the same point it was last used.
- Depending on the iPod that is connected to the system, certain functions may not be available.

SELECTING A PLAY MODE

1 Touch **“Browse”**.

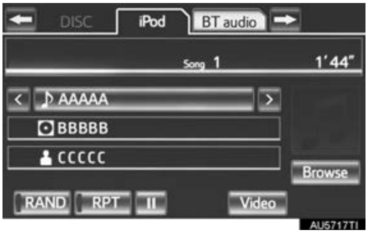


2 Select the desired play mode.



SELECTING A DESIRED TRACK

ON THE iPod TOP SCREEN

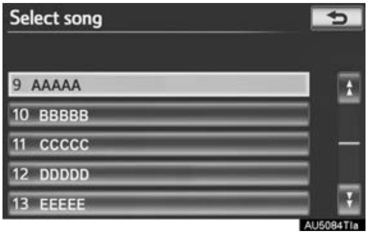


“CH·TRACK” button: Press the **“∧”** or **“∨”** button of **“CH·TRACK”** repeatedly until the desired track number appears on the screen. The player will start playing the selected track from the beginning.

“TUNE·SCROLL” knob: Turn the knob clockwise or counterclockwise to skip to the desired track.

ON THE TRACK LIST SCREEN

1 Touch the track name screen button to display the following track list screen.



2 Touch the desired track number. The player will start playing the selected track from the beginning.

▲, ▼: Touch to move the list up or down by 5 track groups. If either of these screen buttons is touched when the top/bottom page of the list is displayed, the last/first page is displayed.

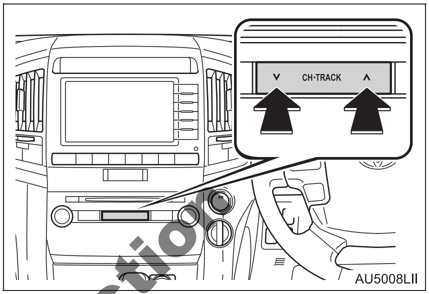
“CH·TRACK” button: Press the **“∧”** or **“∨”** button of **“CH·TRACK”** to scroll through the track list one by one.

“TUNE·SCROLL” knob: Turn the knob clockwise or counterclockwise to quickly scroll up or down the track list.

◀, ▶: If ▶ appears to the right of an item name, the complete name is too long for the screen. Touch ▶ to scroll to the end of the name. Touch ◀ to move to the beginning of the name.

FAST FORWARDING OR REWINDING

1 Press and hold the **“∧”** or **“∨”** button of **“CH·TRACK”** to fast forward or rewind the player.

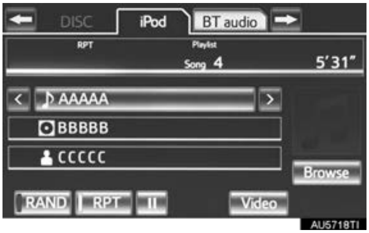


- When the button is released, the player resumes playing from that position.

REPEATING

The track currently being listened to can be repeated.

1 Touch **“RPT”** while the track is playing.



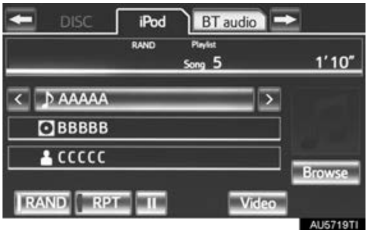
- “RPT” appears on the screen. When the track is finished, the player will automatically play it again. To cancel this function, touch **“RPT”** again.

RANDOM ORDER

Tracks or albums can be automatically and randomly selected.

PLAYING TRACKS IN RANDOM ORDER

1 Touch **"RAND"** while the track is playing.



- Each time **"RAND"** is touched, the mode changes as follows:
  - • Track Shuffle → Album Shuffle → Off
- Once "RAND" appears on the screen, the system selects a track randomly from all of the existing albums on the iPod. To cancel this function, touch **"RAND"** twice.

PLAYING ALBUMS IN RANDOM ORDER

1 Touch **"RAND"** repeatedly until "ALB.RAND" appears on the screen.

- Once "ALB.RAND" appears on the screen, the system selects an album randomly from all of the existing albums on the iPod. To cancel this function, touch **"RAND"** again.

PLAYING iPod VIDEO

▶Vehicles with A/V input port

In order for iPod video to be played, the following conditions need to be met:

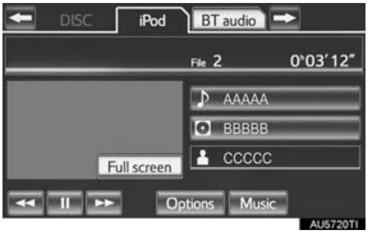
- The iPod must be connected to the A/V input port using an iPod A/V cable. (See page 226.)
- **"Video sound input"** on the "iPod settings" screen must be set to **"A/V"**. (See page 280.)
- The vehicle must be completely stopped and the parking brake applied.

1 Press the **"AUDIO"** button.

2 Touch the **"iPod"** tab or press the **"AUDIO"** button repeatedly until the **"iPod"** tab is selected.

3 Touch **"Video"** on the iPod top screen.

4 This screen is displayed.



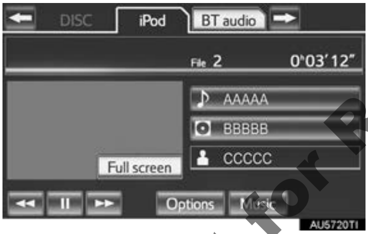
- Touch **"Options"**, then touch **"Wide"** on the "iPod video options" screen. The screen mode can be changed.
- Touch **"Music"** to display the iPod top screen.
- If **"Full screen"** is touched when the vehicle is completely stopped and the parking brake is applied, the iPod video screen will be displayed.
- If any part of the iPod video screen is touched, the system will return to the iPod video control screen.

DESCRIPTION OF iPod VIDEO CONTROLS

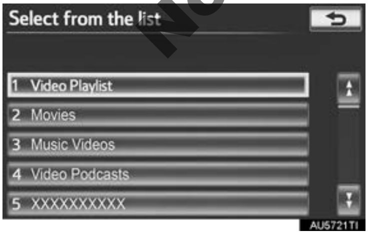
Screen button	Function
⏸	Touch to pause the video screen.
◀◀	Touch to rewind during playback.
▶	Touch to resume normal play during pause.
▶▶	Touch to fast forward during playback.

SELECTING A VIDEO GROUP

1 Touch the album name screen button.

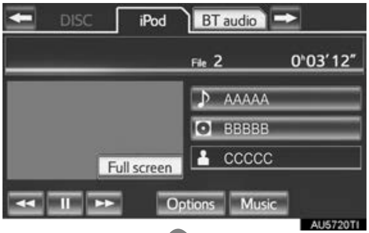


2 Select the desired video group.



SELECTING A DESIRED VIDEO

ON THE iPod VIDEO CONTROLS SCREEN

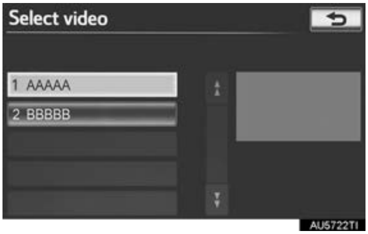


"CH·TRACK" button: Press the **"∧"** or **"∨"** button of **"CH·TRACK"** repeatedly until the desired file number appears on the screen. The player will start playing the selected file from the beginning.

"TUNE·SCROLL" knob: Turn the knob clockwise or counterclockwise to skip to the desired file.

ON THE FILE LIST SCREEN

1 Touch the file name screen button to display the following file list screen.



2 Touch the desired file number. The player will start playing the selected file from the beginning.

▲, ▼: Touch to move the list up or down by 5 file groups. If either of these screen buttons is touched when the top/bottom page of the list is displayed, the last/first page is displayed.

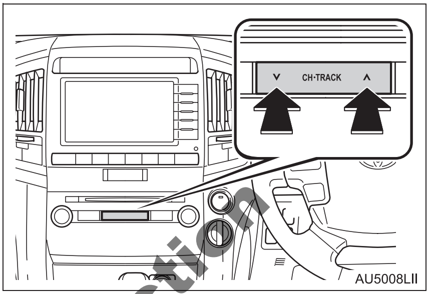
“CH·TRACK” button: Press the **“∧”** or **“∨”** button of **“CH·TRACK”** to scroll through the file list one by one.

“TUNE·SCROLL” knob: Turn the knob clockwise or counterclockwise to quickly scroll up or down the file list.

◀, ▶: If ▶ appears to the right of an item name, the complete name is too long for the screen. Touch ▶ to scroll to the end of the name. Touch ◀ to move to the beginning of the name.

FAST FORWARDING OR REWINDING

1 Press and hold the **“∧”** or **“∨”** button of **“CH·TRACK”** to fast forward or rewind the player.



- When the button is released, the player resumes playing from that position.

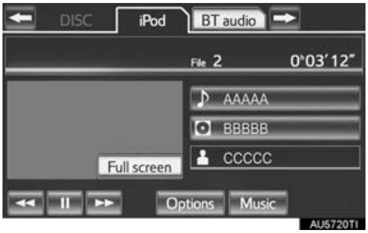
iPod VIDEO OPTIONS

1 Press the **“AUDIO”** button.

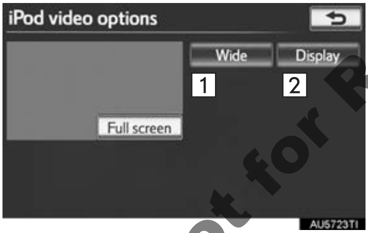
2 Touch the **“iPod”** tab or press the **“AUDIO”** button repeatedly until the **“iPod”** tab is selected.

3 Touch **“Video”** on the iPod top screen.

4 Touch **“Options”**.



5 This screen is displayed.

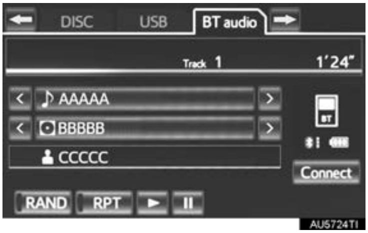


No.	Function	Page
1	Touch to display the screen mode screen.	192
2	Touch to display the image quality adjustment screen.	211

7. Bluetooth® AUDIO OPERATION

The Bluetooth® audio system enables users to enjoy listening to music that is played on a portable player on the vehicle speakers via wireless communication.

This audio system supports Bluetooth®, a wireless data system capable of playing portable audio music without cables. If your portable player does not support Bluetooth®, the Bluetooth® audio system will not function.



Bluetooth®

Bluetooth is a trademark owned by Bluetooth SIG, Inc.

CAUTION

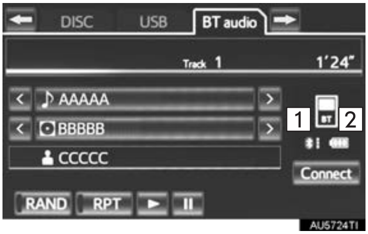
- Do not operate the player's controls or connect to the Bluetooth® audio system while driving.
- Your audio unit is fitted with Bluetooth® antennas. People with implanted pacemakers or cardiac defibrillators should maintain a reasonable distance between themselves and the Bluetooth® antennas. The radio waves may affect the operation of such devices.
- Before using Bluetooth® devices, users of any electrical medical device other than implanted pacemakers and implanted cardiac defibrillators should consult the manufacturer of the device for information about its operation under the influence of radio waves. Radio waves could have unexpected effects on the operation of such medical devices.

NOTICE

- Do not leave your portable player in the vehicle. In particular, high temperatures inside the vehicle may damage the portable player.

INFORMATION

- In the following conditions, the system may not function:
  - The portable player is turned off.
  - The portable player is not connected.
  - The portable player has a low battery.
- It may take time to connect the telephone when Bluetooth® audio is being played.
- Portable players must correspond to the following specifications in order to be connected to the Bluetooth® audio system. However, some functions may be limited depending on the type of portable player. Also, the different screen is displayed depending on which portable player is connecting.
  - Bluetooth® Specification
    Ver.1.1 or higher
    (Recommended: Ver.2.1 + EDR or higher)
  - Profile
    A2DP (Advanced Audio Distribution Profile) Ver.1.0 or higher
    (Recommended: Ver.1.2 or higher)
    AVRCP (Audio/Video Remote Control Profile) Ver.1.0 or higher
    (Recommended: Ver.1.4 or higher)



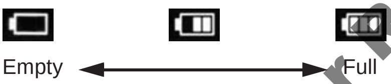
1 The quality of the Bluetooth® connection is indicated as follows:

: An excellent connection to Bluetooth®.

: Indicates a bad connection to Bluetooth®, resulting in possible deterioration of audio quality.

: No connection to Bluetooth®.

2 Indicates the amount of battery charge left.



INFORMATION

- Remaining charge is not displayed while the Bluetooth® device is connecting.
- The amount left does not always correspond with the one of your portable player.
- This system does not have a charging function.
- An antenna for Bluetooth® connection is built into the instrument panel. The condition of the Bluetooth® connection may not be good and the system may not function when using a Bluetooth® portable player in the following conditions:
  - The portable player is hiding from the display (behind a seat or in the glove box or console box).
  - The portable player touches or is covered with metal materials.
- Leave the Bluetooth® portable player in a place where the condition of Bluetooth® connection is good.

- Portable player information is registered when the portable player is connected to the Bluetooth® audio system. When selling or disposing of the vehicle, remove the Bluetooth® audio information from the system. (See “DELETING A Bluetooth® DEVICE” on page 177.)

CONNECTING A Bluetooth® AUDIO PLAYER

To use the Bluetooth® audio system, it is necessary to register a portable player with the system. Once the portable player has been registered, it is possible to listen to the music.
Once the portable player has been registered, it is possible to listen to music through the navigation system. (See “REGISTERING A Bluetooth® DEVICE” on page 176.)

INFORMATION

- For operating the portable player, see the instruction manual that comes with it.

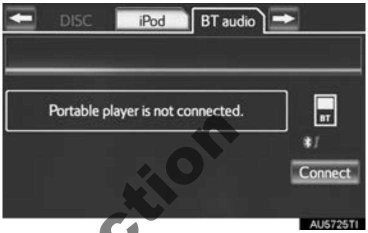
WHEN “Bluetooth* power” IS ON

- The portable player will be automatically connected under the following conditions:
  - The “ENGINE START STOP” switch is in either ACCESSORY or IGNITION ON mode.
  - When **“Bluetooth* power”** is switched from off to on.
  - When the portable player is disconnected for some reason.

WHEN “Bluetooth* power” IS OFF

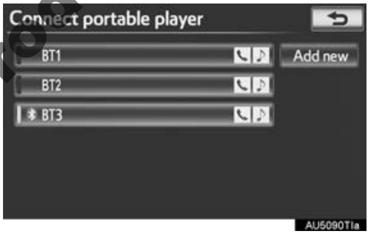
Manually connect the portable player in accordance with the following procedure.

1 Touch **“Connect”**.

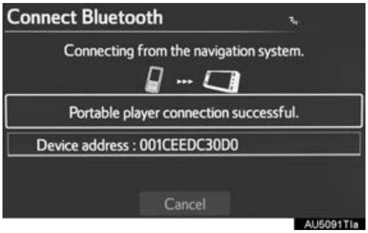


Portable player is not connected.

2 Touch the desired portable player.



3 When the connection is completed, this screen is displayed. It is now possible to use the portable player.



Connecting from the navigation system.

Portable player connection successful.

Device address : 001CEEDC30D0

*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

INFORMATION

- Touching **"Connect portable player"** on the "Bluetooth*" screen also connects a Bluetooth® audio player. (See page 181.)
- When none of the selectable portable players have been registered, a screen confirming registration is displayed. Registration method is the same as telephone registration. (See page 144.)
- When the currently connected portable player is selected, a screen confirming the selected player's disconnection is displayed. (See page 182.)
- If connection fails once, a changing connection method confirmation screen is displayed. If connection fails 2 or more times, a message will be displayed. When this message is displayed, try again.

RECONNECTING THE PORTABLE PLAYER

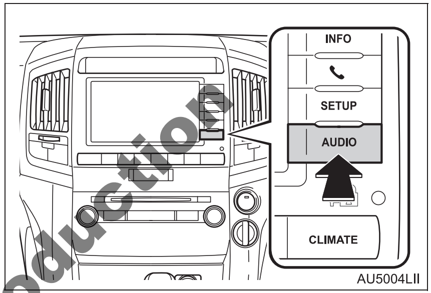
> If the portable player is disconnected due to poor reception from the Bluetooth® network when the "ENGINE START STOP" switch is in ACCESSORY or IGNITION ON mode, the system automatically reconnects the portable player.

- If the Bluetooth® device is disconnected on purpose, such as it was turned off, this does not happen. Reconnect the portable player by manually.

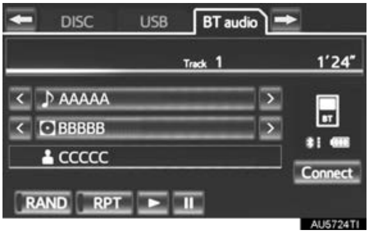
PLAYING Bluetooth® AUDIO

PLAYING AND PAUSING Bluetooth® AUDIO

1 Press the **"AUDIO"** button if a Bluetooth® audio player has already been connected.



2 Touch the **"BT audio"** tab or press the **"AUDIO"** button repeatedly until the **"BT audio"** tab is selected.



▶: Touch to start playing the music.

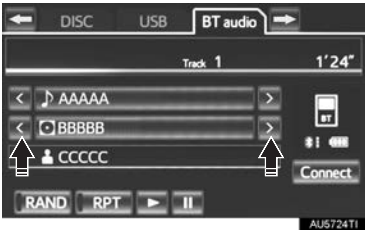
⏸: Touch to pause the music.

- To start playing the music again, touch ▶.
- Depending on the portable player that is connected to the system, the music may start playing when touching ⏸ while it is paused. Conversely, the music may pause when touching ▶ while it is playing.

*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

SELECTING A DESIRED TRACK/FOLDER/ALBUM

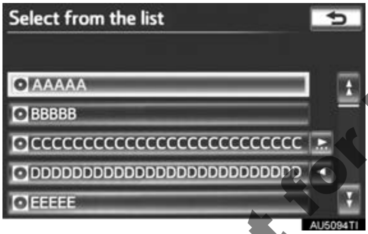
ON THE AUDIO TOP SCREEN



▶, ◀: Touch to skip to the next or previous folder/album.

ON THE PLAYLIST SCREEN

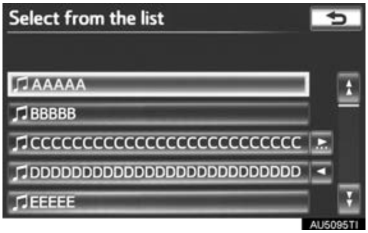
1. Touch the album name screen button to display the following playlist screen.



2. Touch the desired screen button.

- If the folder name screen button is touched, the track list screen is displayed.

3. Touch the desired track name screen button.



▲, ▼: Touch to move the list up or down by 5 track/folder groups. If either of these screen buttons is touched when the top/bottom page of the list is displayed, the last/first page is displayed.

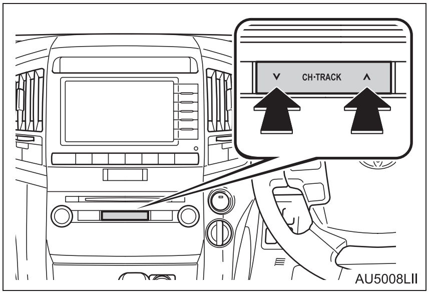
"CH·TRACK" button: Press the **"∧"** or **"∨"** button of **"CH·TRACK"** to scroll through the track list one by one.

"TUNE·SCROLL" knob: Turn the knob clockwise or counterclockwise to quickly scroll up or down the track/folder list.

◀, ▶: If ▶ appears to the right of an item name, the complete name is too long for the screen. Touch ▶ to scroll to the end of the name. Touch ◀ to move to the beginning of the name.

FAST FORWARDING OR REWINDING THE TRACK

1. Press and hold the **"∧"** or **"∨"** button of **"CH·TRACK"** to fast forward or rewind the song.



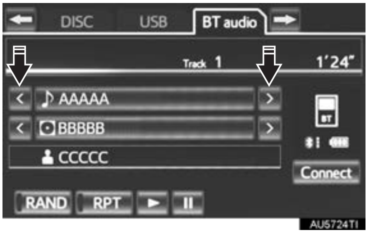
- When the button is released, the player resumes playing from that position.

INFORMATION

- Depending on the portable player that is connected to the system, certain functions may not be available.
- Some titles may not be displayed depending on the type of portable player.

SELECTING A DESIRED TRACK

ON THE AUDIO TOP SCREEN



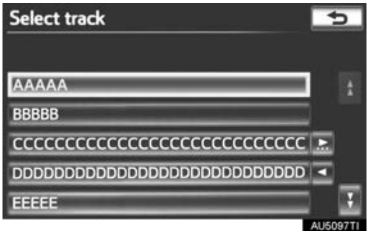
>, <: Touch to skip to the next or previous track.

"CH·TRACK" button: Press the **"∧"** or **"∨"** button of **"CH·TRACK"** repeatedly until the desired track number appears on the screen. The player will start playing the selected track from the beginning.

"TUNE·SCROLL" knob: Turn the knob clockwise or counterclockwise to skip to the desired track.

ON THE TRACK LIST SCREEN

1 Touch the track name screen button to display the following track list screen.



2 Touch the desired track number. The player will start playing the selected track from the beginning.

▲, ▼: Touch to move the list up or down by 5 track groups. If either of these screen buttons is touched when the top/bottom page of the list is displayed, the last/first page is displayed.

"CH·TRACK" button: Press the **"∧"** or **"∨"** button of **"CH·TRACK"** to scroll through the track list one by one.

"TUNE·SCROLL" knob: Turn the knob clockwise or counterclockwise to quickly scroll up or down the track list.

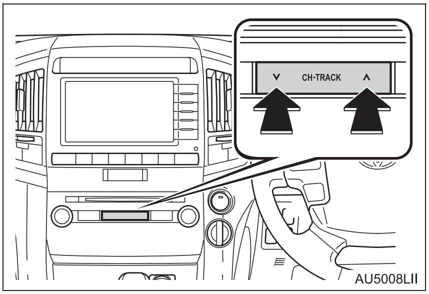
◄, ►: If ► appears to the right of an item name, the complete name is too long for the screen. Touch ► to scroll to the end of the name. Touch ◄ to move to the beginning of the name.

INFORMATION

- Depending on the portable player that is connected to the system, certain functions may not be available.

FAST FORWARDING OR REWINDING THE TRACK

1 Press and hold the **“∧”** or **“∨”** button of **“CH·TRACK”** to fast forward or rewind the track.



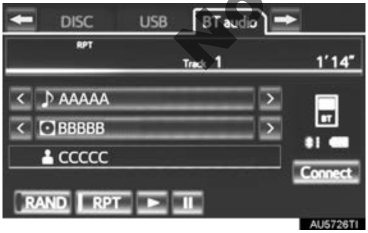
- When the button is released, the player resumes playing from that position.

REPEATING

The track or album currently being listened to can be repeated.

REPEATING A TRACK

1 Touch **“RPT”** while the track is playing.



- Each time **“RPT”** is touched, the mode changes as follows:
  - track repeat → album repeat → off
- “RPT” appears on the screen. When the track is finished, the player will automatically play it again. To cancel this function, touch **“RPT”** repeatedly until the repeat mode turns off.

REPEATING AN ALBUM

1 Touch **“RPT”** repeatedly until “ALB.RPT” appears on the screen.

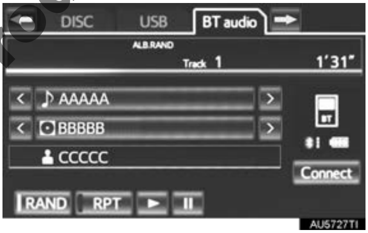
- When the album is finished, the player will automatically go back to the beginning of the album and play the album again. To cancel this function, touch **“RPT”** again.

RANDOM ORDER

Tracks or albums can be automatically and randomly selected.

PLAYING THE TRACKS ON THE ALBUM IN RANDOM ORDER

1 Touch **“RAND”** while the track is playing.



- Each time **“RAND”** is touched, the mode changes as follows:
  - album random → all track random → off
- Once “RAND” appears on the screen, the system selects a track randomly from the album currently being listened to. To cancel this function, touch **“RAND”** repeatedly until the random mode turns off.

PLAYING TRACKS FROM ALL THE ALBUMS IN RANDOM ORDER

1 Touch **"RAND"** repeatedly until "ALB.RAND" appears on the screen.

- Once "ALB.RAND" appears on the screen, the systems selects a track randomly from all of the existing albums on the Bluetooth® device. To cancel this function, touch **"RAND"** again.

INFORMATION

- Depending on the portable player that is connected to the system, certain functions may not be available.

8. VTR OPERATION*

Users can enjoy watching videos by connecting an audio/video device to the A/V input port.

For safety reasons, the videos can only be viewed when the following conditions are met:

(a)The vehicle is completely stopped.

(b)The "ENGINE START STOP" switch is in ACCESSORY or IGNITION ON mode.

(c)The parking brake is applied.

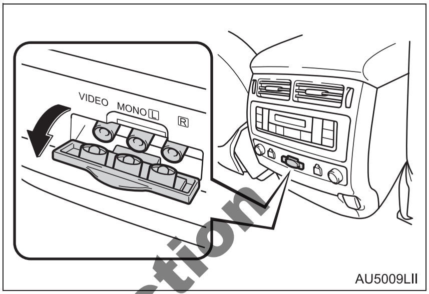
While driving in VTR mode, only the VTR's audio can be heard.

NOTICE

- When the A/V input port is not in use, keep the A/V input port cover closed. Inserting anything other than an appropriate plug may cause electrical failure or a short circuit.

CONNECTING AUDIO/VIDEO DEVICE

1 Open the cover and connect audio/video device.



- The A/V input port is composed of 3 input ports.

Color	Function
Yellow	Video input port
White	Left channel audio input port
Red	Right channel audio input port

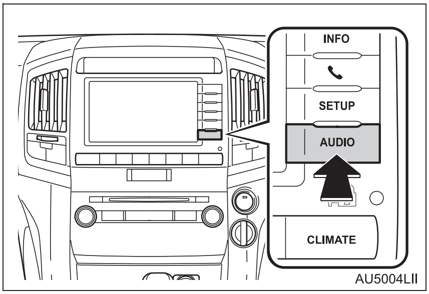
- Turn on the power of the audio/video device if it is not turned on.

---

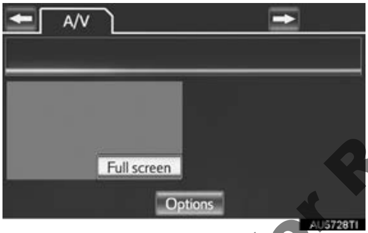
*: Vehicles with A/V input port

PLAYING VTR

1 Press the **“AUDIO”** button.



2 Touch the **“A/V”** tab or press the **“AUDIO”** button repeatedly until the **“A/V”** tab is selected.



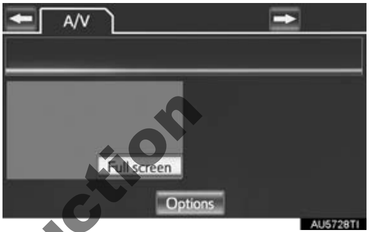
- Touch **“Options”** on the screen, then touch **“Wide”** on the “A/V options” screen. The screen mode can be changed.
- If **“Full screen”** is touched when the vehicle is completely stopped and the parking brake is applied, the VTR video screen will be displayed.
- If any part of the VTR screen is touched, the system will return to the VTR top screen.

VTR OPTIONS

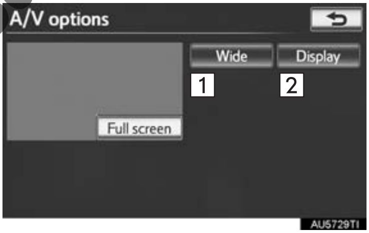
1 Press the **“AUDIO”** button.

2 Touch the **“A/V”** tab or press the **“AUDIO”** button repeatedly until the **“A/V”** tab is selected.

3 Touch **“Options”**.



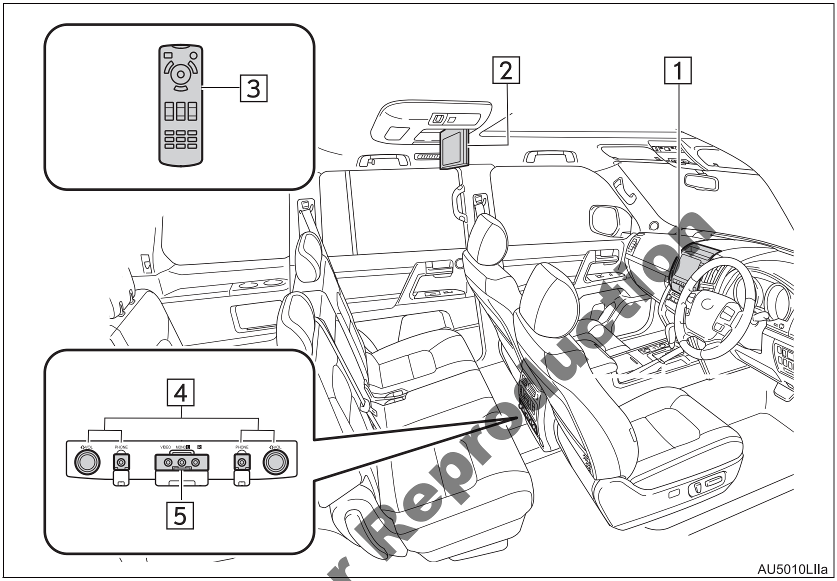
4 This screen is displayed.



No.	Function	Page
1	Touch to display the screen mode screen.	192
2	Touch to display the image quality adjustment screen.	211

9. REAR SEAT ENTERTAINMENT SYSTEM FEATURES*

The rear seat entertainment system is designed for the rear passengers to enjoy audio and DVD video separately from the front audio/video system. The rear seat entertainment system can be used when the “ENGINE START STOP” switch is in ACCESSORY or IGNITION ON mode.

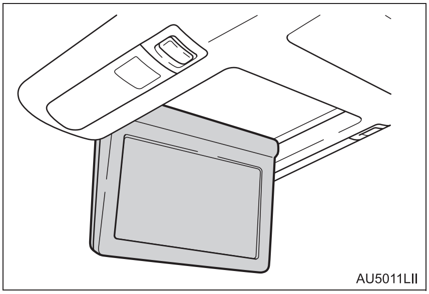


No.	Name	No.	Name
1	Front audio/video system	4	Headphone volume control dials and headphone jacks
2	Display	5	A/V input port
3	Rear seat entertainment system controller		

*: If equipped

DISPLAY

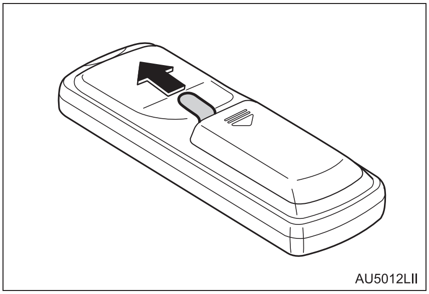
The display is installed in the ceiling. When audio-video equipment is connected to the A/V input port, rear passengers can enjoy different audio sources on each display. See “USING THE VIDEO MODE” on page 262.



REAR SEAT ENTERTAINMENT SYSTEM CONTROLLER

BEFORE USING THE CONTROLLER (FOR NEW VEHICLE OWNERS)

1 Remove the insulating sheet before using the remote control.



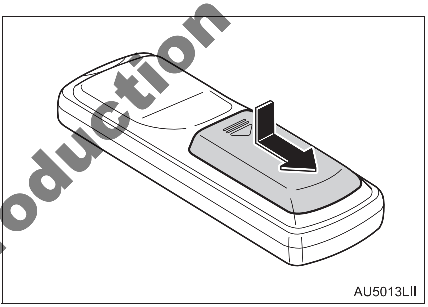
INFORMATION

- An insulating sheet is set to prevent the batteries from being discharged.

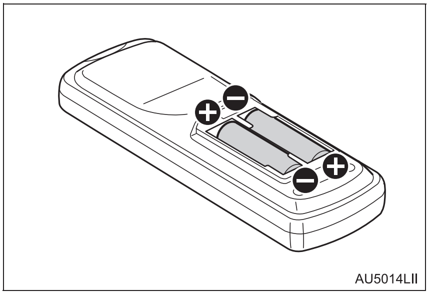
REPLACING THE CONTROLLER BATTERIES

Necessary item for replacing two AA batteries.

1 Remove the cover.



2 Remove the depleted batteries and install the new ones.



INFORMATION

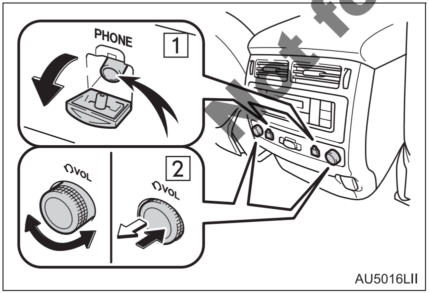
- If the batteries are discharged, the following symptoms may occur.
  - The rear seat entertainment system controller will not function properly.
  - The operational range is reduced.
- When using AA batteries
  - Batteries can be purchased at your Toyota dealer, electric appliance shop, or camera stores.
  - Replace only with the same or equivalent type recommended by your Toyota dealer.
  - Dispose of used batteries according to the local laws.

HEADPHONE JACKS

1 Press the knob.

2 Turn the knob clockwise to increase the volume. Turn the knob counterclockwise to decrease the volume.

3 Press the knob again.



No.	Function
1	To use the headphones, connect them to the jack.
2	To adjust the volume

HEADPHONES

To listen to the rear audio, use headphones.

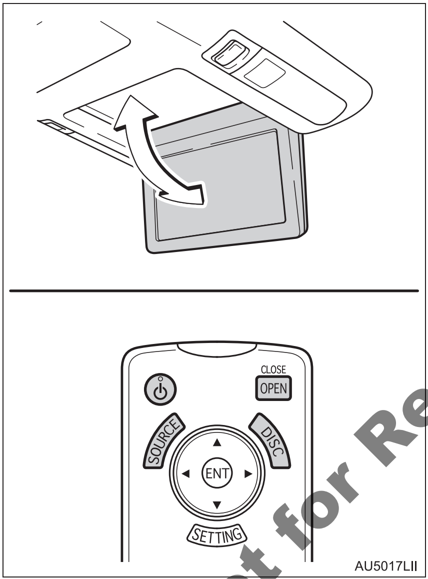
- With some headphones generally available in the market, it may be difficult to catch signals properly. Toyota recommends the use of Toyota genuine wireless headphones.
- Please contact your Toyota dealer for further details.

VOLUME

Adjust the volume when you connect the headphones to the jack. Loud sounds may have a significant impact on the human body.

OPENING AND CLOSING THE DISPLAY

1 To open the display, press the **“OPEN”**, **“SOURCE”** or **“DISC”** button. To close the display, press the **“OPEN”** or ⏻ button.



- If the display is closed with an image shown, the image will automatically turn off. (When you press the **“OPEN”** button, the sound will not be turned off.)

- Opening and closing operations can be performed from the front audio system. (See page 250.)

JAM PROTECTION

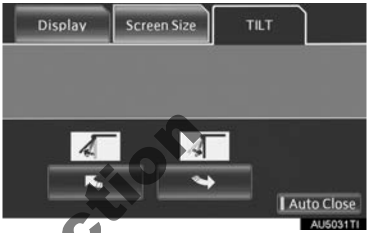
The display will stop closing and return to its previous position if something gets in the way of it closing.

TILTING THE DISPLAY

1 Press the **“SETTING”** button on the controller.

2 Select **“TILT”** tab.

3 Select ↖ or ↪.

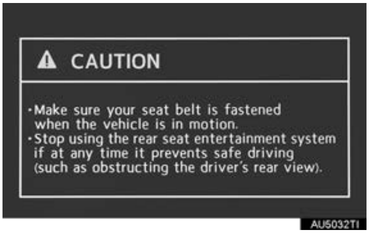


INFORMATION

- The display angle is memorized and will be recalled when the “ENGINE START STOP” switch is turned to ACCESSORY or IGNITION ON mode again.

CAUTION SCREEN

- This screen appears for a few seconds when the rear display is opened. During this time, only “OPEN/CLOSE” can be operated.

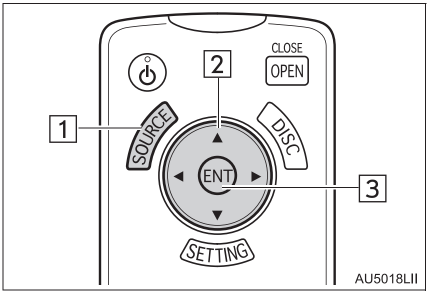


⚠ CAUTION

・Make sure your seat belt is fastened when the vehicle is in motion.
・Stop using the rear seat entertainment system if at any time it prevents safe driving (such as obstructing the driver’s rear view).

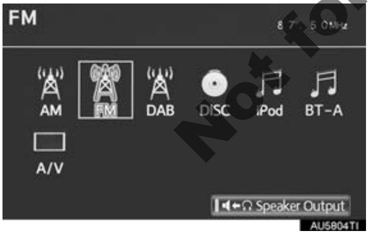
CHANGING THE SOURCE

1 Press the **“SOURCE”** button to display the audio source selection screen.



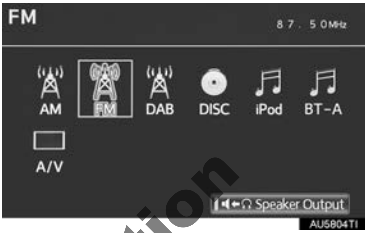
No.	Function
1	Turning on the audio source selection screen
2	Selecting an icon
3	Inputting the selected icon

2 Select an audio source.



CHANGING THE SPEAKER OUTPUT

1 To play the rear audio over the speakers in the vehicle, turn **“Speaker Output”** on.



⚠ CAUTION

- When the rear seat entertainment system is not used
  - Keep the display closed. In the event of an accident, sudden braking or sudden swerving, the opened display may hit an occupant's body, resulting in injury.
- While driving
  - Do not use headphones. Doing so may cause an accident, resulting in death or serious injury.
- To prevent accidents and electric shock
  - Do not disassemble or modify the remote control.
- When the remote control is not used
  - Stow the remote control. Injuries may result in the event of an accident, sudden braking or sudden swerving.
- When you close the display
  - Never use any part of your body to intentionally activate the jam protection function.
- Conversational speech on some DVDs is recorded at a low volume to emphasize the impact of sound effects. If you adjust the volume assuming that the conversations represent the maximum volume level that the DVD will play, you may be startled by louder sound effects or startled when you change to a different audio source. The louder sounds may have a significant impact on the human body or pose a driving hazard. Keep this in mind when you adjust the volume.
- Removed battery and other parts:
  - Keep away from children. These parts are small and if swallowed by a child they can cause choking. Failure to be so could result in death or serious injury.

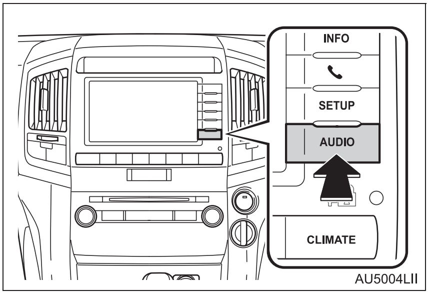
⚠ NOTICE

- Cleaning the display
  - Wipe the display with a dry soft cloth.
  - If the screen is wiped with a rough cloth, the surface of the screen may be scratched.
- To prevent damage to the remote control
  - Keep the remote control away from direct sunlight, temperature heat and high humidity.
  - Do not drop or knock the remote control against hard objects.
  - Do not sit on or place heavy objects on the remote control.
- Closing the display
  - Do not close the display using your hand. Doing so may result in a malfunction.
- For normal operation after replacing the battery, observe the following precautions to prevent accidents:
  - Always work with dry hands. Moisture may cause the battery to rust.
  - Do not touch or move any other components inside the remote control.
  - Do not bend either of the battery terminals.

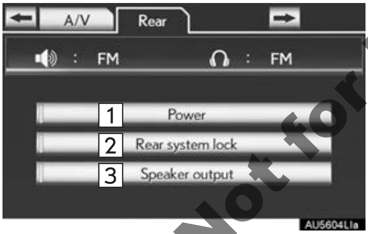
OPERATION FROM THE FRONT SEATS

The rear seat display can be operated from the front seats.

1 Press the **“AUDIO”** button.



2 Touch the **“Rear”** tab or press the **“AUDIO”** button repeatedly until the **“Rear”** tab is selected.



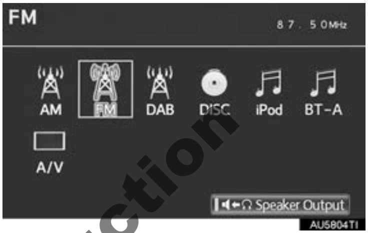
No.	Function
1	Turns the rear screen open (on) or close (off).
2	Locks the system so passengers in the rear seats cannot operate the rear entertainment system.
3	Enables the front speakers to output the front audio system’s audio source.

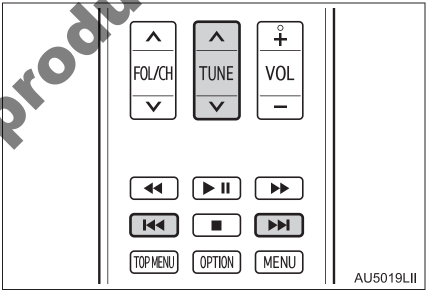
3 Touch the desired button. The selected button indicator is highlighted.

USING THE RADIO

When a different audio source is selected at the front seats, radio mode cannot be selected at the rear seats.

1 Select radio mode on the source screen to display the control screen.





SELECTING A PRESET STATION/CHANNEL

1 Press the “∧” or “∨” button of **“FOL/CH”** until the desired station/channel band appears on the screen.

TUNING THE STATION/CHANNEL

▶Using the “TUNE” button

1 Press the “∧” or “∨” button of **“TUNE”** until the desired station/channel appears on the screen.

- Press and hold the “∧” or “∨” button of **“TUNE”** and the stations/channels will be searched automatically one after another.

▶Using the ⏮ / ⏭ button

1 Press the ⏮ or ⏭ button until the desired station/channel appears on the screen.

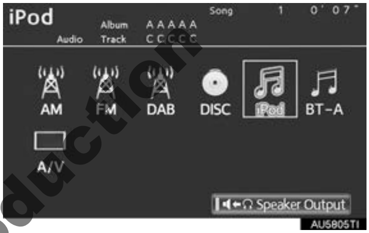
- Press and hold the ⏮ or ⏭ button until a beep is heard. The radio will begin seeking up or down for a station/channel of the nearest frequency.
- Continue to press and hold the ⏮ or ⏭ button after a beep is heard and stations/channels will be sought for automatically. When the ⏮ or ⏭ button is released the radio will seek up or down for a station/channel of the nearest frequency.

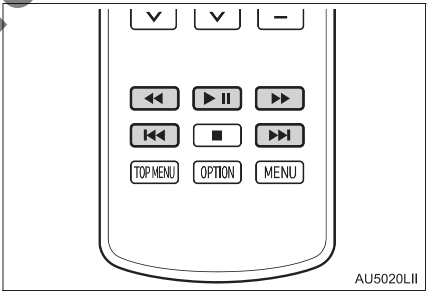
PLAYING iPod

When a different audio source is selected at the front seats, iPod mode cannot be selected at the rear seats.

1 Connect iPod. (See “CONNECTING iPod” on page 226.)

2 Select iPod mode on the source screen to display the control screen.





PLAYING AND PAUSING iPod

1 Press the ▶II button.

SELECTING A DESIRED TRACK

1 Press the ⏮ or ⏭ button repeatedly until the desired track number appears on the screen.

FAST FORWARDING OR REWINDING

1 Press the ◀◀ or ▶▶ button, or press and hold the ⏮ or ⏭ button.

DISPLAYING iPod VIDEO

If iPod mode is selected again at the rear seats when iPod video is being displayed in the front monitor, iPod video can be displayed.

- Press the **“SOURCE”** button and the system will return to the iPod control screen.

INFORMATION

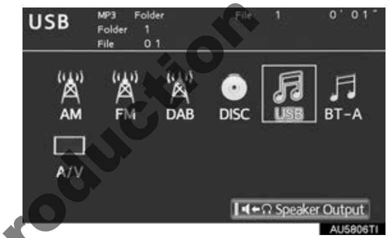
- Depending on the iPod that is connected to the system, certain functions may not be available.

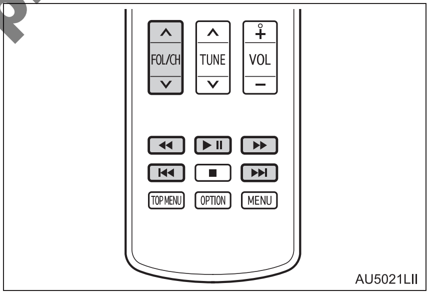
PLAYING A USB MEMORY

When a different audio source is selected at the front seats, USB mode cannot be selected at the rear seats.

1 Connect a USB memory. (See “CONNECTING A USB MEMORY” on page 221.)

2 Select USB mode on the source screen to display the control screen.





PLAYING AND PAUSING A USB MEMORY

1 Press the ▶II button.

SELECTING A DESIRED FOLDER OR ALBUM

1 Press the **“∨”** or **“∧”** button of **“FOL/CH”** until the desired folder/album number appears on the screen.

SELECTING A DESIRED FILE OR TRACK

1 Press the ⏮ or ⏭ button repeatedly until the desired file/track number appears on the screen.

FAST FORWARDING OR REWINDING

1 Press the ⏪ or ⏩ button, or press and hold the ⏮ or ⏭ button.

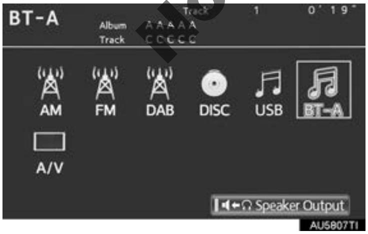
INFORMATION

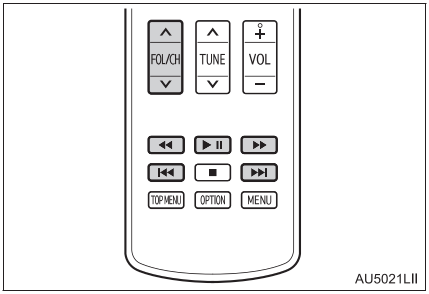
- Depending on the USB memory that is connected to the system, certain functions may not be available.

PLAYING Bluetooth® AUDIO

When a different audio source is selected at the front seats, BT-A mode cannot be selected at the rear seats.

1 Select BT-A mode on the source screen to display the control screen.





PLAYING AND PAUSING Bluetooth® AUDIO

1 Press the ▶II button.

SELECTING A DESIRED ALBUM

1 Press the **“∨”** or **“∧”** button of **“FOL/CH”** until the desired album number appears on the screen.

SELECTING A DESIRED TRACK

1 Press the ⏮ or ⏭ button repeatedly until the desired track number appears on the screen.

FAST FORWARDING OR REWINDING

1 Press the ⏪ or ⏩ button, or press and hold the ⏮ or ⏭ button.

INFORMATION

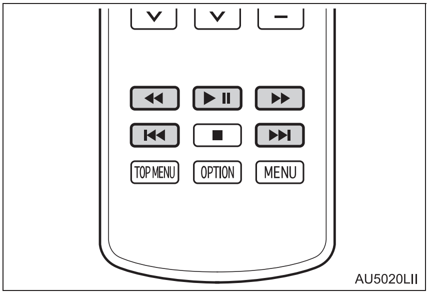
- Depending on the portable player that is connected to the system, certain functions may not be available.

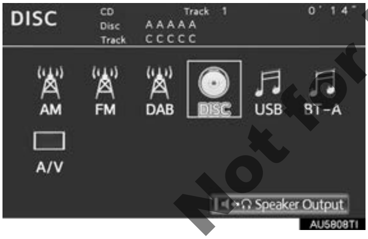
PLAYING AN AUDIO CD/CD TEXT

SELECTING A TRACK

1 Select disc mode on the source screen to display the control screen.

2 Press the ⏮ or ⏭ button until the desired track number appears on the screen.





FAST FORWARDING OR REWINDING A TRACK

1 Press the ◀◀ or ▶▶ button, or press and hold the ⏮ or ⏭ button.

PLAYING OR PAUSING A TRACK

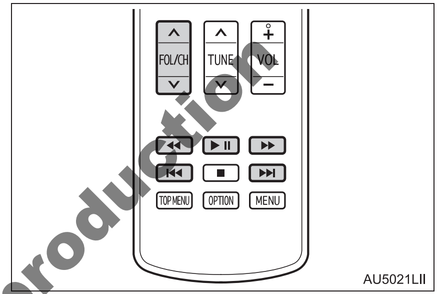
1 Press the ▶II button.

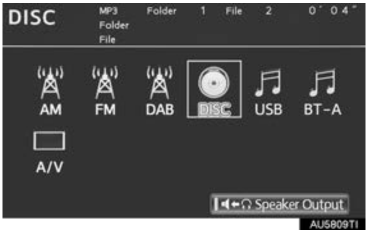
PLAYING MP3/WMA DISCS

SELECTING A FILE

1 Select disc mode on the source screen to display the control screen.

2 Press the ⏮ or ⏭ button until the desired file number appears on the screen.





SELECTING A FOLDER

1 Press the **"∧"** or **"∨"** button of **"FOL/CH"** until the desired folder number appears on the screen.

FAST FORWARDING OR REWINDING A FILE

1 Press the ◀◀ or ▶▶ button, or press and hold the ⏮ or ⏭ button.

PLAYING OR PAUSING A FILE

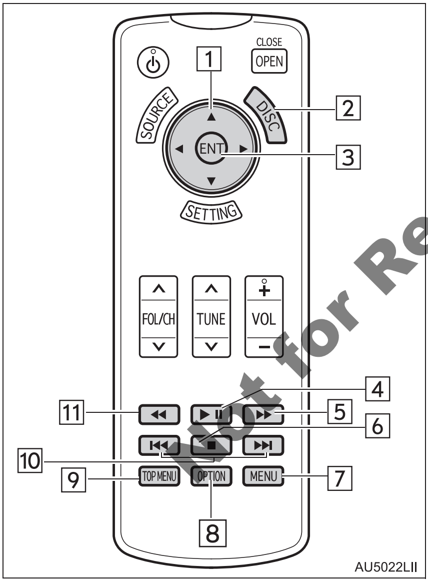
1 Press the ▶II button.

PLAYING DVD VIDEO

SELECTING DVD VIDEO MODE

Press the **“DISC”** button, or select disc mode, to display DVD video.

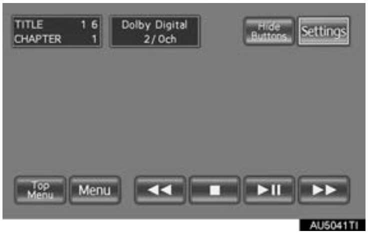
CONTROLLER



No.	Function
1	Selecting an icon
2	Turning on the DVD mode
3	Inputting the selected icon
4	Playing/pausing a disc
5	Fast forwarding a disc during playback and forward slowly during pause.
6	Stopping a screen
7	Turning on the menu
8	Turning on the control icon screen
9	Turning on the title selection screen
10	Press to select a chapter. Press and hold to fast forward or rewind a chapter.
11	Rewinding a disc during playback

DVD VIDEO

1 Press the **“OPTION”** button if no icons are shown while watching a DVD video and following screen appears.



“Settings”: Selecting to display setting screen.

“Hide Buttons”: Selecting to turn off the icons from the screen.

INFORMATION

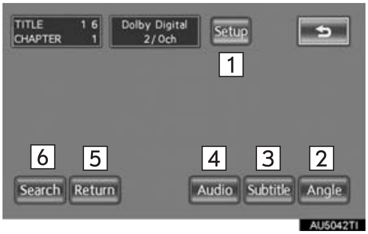
- If ⊘ appears on the screen when a control is selected, the operation relevant to the control is not permitted.

DESCRIPTION OF DVD VIDEO CONTROLS

Screen button	Function
“Top Menu”/ “Menu”	Select to display the menu screen for DVD video. (For the operation, see the manual that comes with the DVD video disc provided separately.)
◀◀	Select to rewind during playback.
■	Select to stop the video screen.
▶II	Select to pause/resume the video screen.
▶▶	Select to fast forward during playback and play in slow motion when the player is paused.

DVD SETTINGS

1 Select **“Settings”** on the control icon screen and this screen appears.



DESCRIPTION OF DVD VIDEO SETTINGS

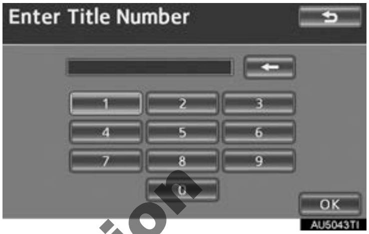
No.	Function	Page
1	Select to display the initial setup screen.	258
2	Select to display the angle selection screen.	258
3	Select to display the subtitle selection screen.	257
4	Select to display the audio selection screen.	258
5	Select to display the predetermined scene on the screen and start playing.	—
6	Select to display the title search screen.	257

- When ↩ is selected, the previous screen is displayed.

SEARCHING BY TITLE

1 Select **“Search”** on the settings screen.

2 Enter the title number and select **“OK”**.

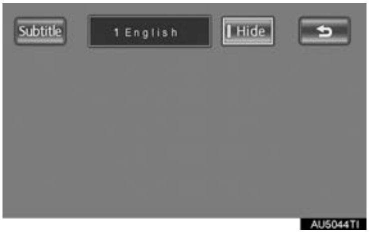

Enter Title Number

- The player starts playing video for that title number.
- When the ⏮ or ⏭ button is pressed, a chapter can be selected.
- If the wrong numbers are entered, select ← to delete the numbers.
- When ↩ is selected, the previous screen is displayed.

CHANGING THE SUBTITLE LANGUAGE

1 Select **“Subtitle”** on the settings screen.

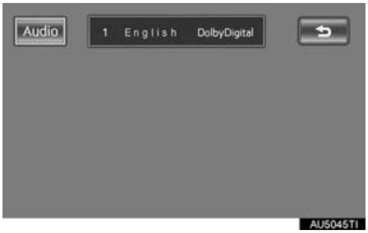
2 Each time **“Subtitle”** is selected, the language the subtitles are displayed in is changed.



- When **“Hide”** is selected, the subtitles can be hidden.
- When ↩ is selected, the previous screen is displayed.

CHANGING THE AUDIO LANGUAGE

1. Select **“Audio”** on the settings screen.
2. Each time **“Audio”** is selected, the audio language is changed.

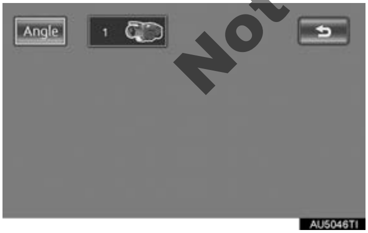


- When ↩ is selected, the previous screen is displayed.

CHANGING THE ANGLE

The angle can be selected for discs that are multi-angle compatible when the angle mark appears on the screen.

1. Select **“Angle”** on the settings screen.
2. Each time **“Angle”** is selected, the angle is changed.

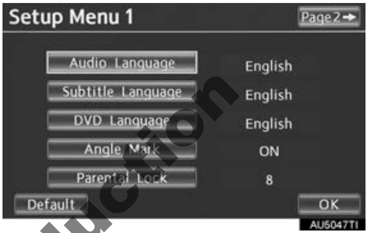


- When ↩ is selected, the previous screen is displayed.

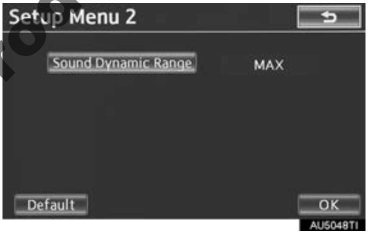
SETUP MENU

The initial setting can be changed. There are initial setting buttons on the “Setup Menu 1” and “Setup Menu 2” screens.

1. Select **“Setup”** on the settings screen.
2. Select the items to be set.



Audio Language English
Subtitle Language English
DVD Language English
Angle Mark ON
Parental Lock 8



Sound Dynamic Range MAX

3. After the initial setting has been changed, select **“OK”**.

- This screen will close, and the system will return to the previous screen.
- When **“Default”** is selected, all menus are initialized.

AUDIO LANGUAGE

The audio language can be changed.

1 Select **“Audio Language”** on the “Setup Menu 1” screen.

2 Select the desired language to be heard on the “Audio Language” screen.

- If the desired language to be heard cannot be found on this screen, select “Other” and enter a language code. For entry of a language code, see “ENTER AUDIO/ SUBTITLE/MENU LANGUAGE CODE” on page 214.
- To return to the “Setup Menu 1” screen, select ↩.

3 Select **“OK”** on the “Setup Menu 1” screen.

SUBTITLE LANGUAGE

The subtitle language can be changed.

1 Select **“Subtitle Language”** on the “Setup Menu 1” screen.

2 Select the desired language to be read on the “Subtitle Language” screen.

- If the desired language to be heard cannot be found on this screen, select “Other” and enter a language code. For entry of a language code, see “ENTER AUDIO/ SUBTITLE/MENU LANGUAGE CODE” on page 214.
- To return to the “Setup Menu 1” screen, select ↩.

3 Select **“OK”** on the “Setup Menu 1” screen.

DVD LANGUAGE

The language on the DVD video menu can be changed.

1 Select **“DVD Language”** on the “Setup Menu 1” screen.

2 Select the desired language to be read on the “DVD Language” screen.

- If the desired language to be heard cannot be found on this screen, select “Other” and enter a language code. For entry of a language code, see “ENTER AUDIO/ SUBTITLE/MENU LANGUAGE CODE” on page 214.
- To return to the “Setup Menu 1” screen, select ↩.

3 Select **“OK”** on the “Setup Menu 1” screen.

ANGLE MARK

The multi-angle mark can be turned on or off on the screen while discs that are multi-angle compatible are being played.

1 Select **“Angle Mark”** on the “Setup Menu 1” screen.

2 Select **“ON”** or **“OFF”**.

3 Select **“OK”** on the “Setup Menu 1” screen.

PARENTAL LOCK

The level of viewer restrictions can be changed.

1 Select **“Parental Lock”** on the “Setup Menu 1” screen.

2 Enter the 4-digit personal code on the “Enter Key Code” screen.

- If the wrong numbers are entered, select ← to delete the numbers.
- To return to the “Setup Menu 1” screen, select ↩.

3 Select a parental level (**1-8**) on the “Select Restriction Level” screen.

- To return to the “Setup Menu 1” screen, select ↩.

4 Select **“OK”** on the “Setup Menu 1” screen.

SOUND DYNAMIC RANGE

The difference between the lowest volume and the highest volume can be adjusted.

1 Select **“Sound Dynamic Range”** on the “Setup Menu 2” screen.

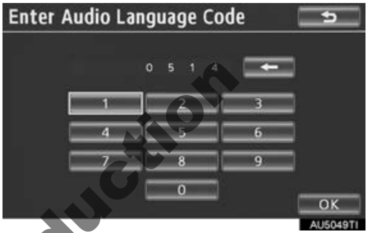
2 Select **“MAX”**, **“STD”** or **“MIN”**.

3 Select **“OK”** on the “Setup Menu 2” screen.

ENTER AUDIO LANGUAGE CODE

If **“Other”** on the “Audio Language” screen, “Subtitle Language” screen or “DVD Language” screen is selected, the desired language to be heard or read can be selected by entering a language code. (See page 214.)

1 Enter the 4-digit language code.



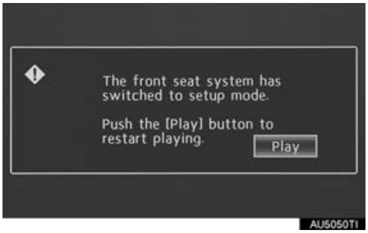
- If the wrong numbers are entered, select ← to delete the numbers.
- To return to the “Setup Menu 1” screen, select ↩.

2 Select **“OK”**.

3 Select **“OK”** on the “Setup Menu 1” screen.

SETUP OPERATION FROM THE FRONT SEAT

This screen appears when a front passenger selects the setup menu.



The front seat system has switched to setup mode.

Push the [Play] button to restart playing.

- Rear passengers can cancel this setup operation by selecting **"Play"**. The player will resume normal play.
- Likewise, a front passenger can cancel a rear passenger's selection of the setup menu.

IF THE REAR SEAT ENTERTAINMENT SYSTEM MALFUNCTIONS

If the rear seat entertainment system malfunctions, the system will display a message.
These are described below.

If "Check DISC" appears on the display: It indicates that the disc is dirty, damaged, or it was inserted upside down. Clean the disc or insert it correctly. If a disc which is not playable is inserted, "Check DISC" will also appear on the screen. For appropriate discs for the player, see "AUDIO/VIDEO SYSTEM OPERATING HINTS" on page 268.

If "Region code error" appears on the display: It indicates that the DVD region code is not set properly. Insert a disc with a region code of "ALL" or "4".

If "DISC error" appears on the display: The following causes are possible.

- There is a problem inside the system. Eject the disc.
- The inside of the changer unit may be too hot due to a very high ambient temperature. Eject the disc and allow the player to cool down.

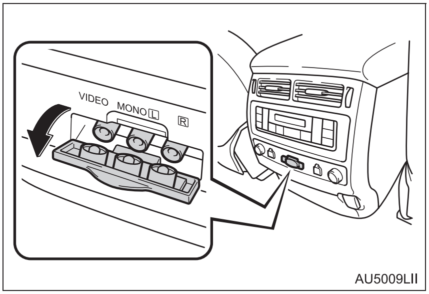
If "No music files found." appears on the display: It indicates that the iPod or USB has no playable data.

If the malfunction is not rectified: Take your vehicle to your Toyota dealer.

USING THE VIDEO MODE

USING THE PORT

1 Open the cover and connect audio/video device.



- The A/V input port is composed of 3 input ports.

Color	Function
Yellow	Video input port
White	Left channel audio input port
Red	Right channel audio input port

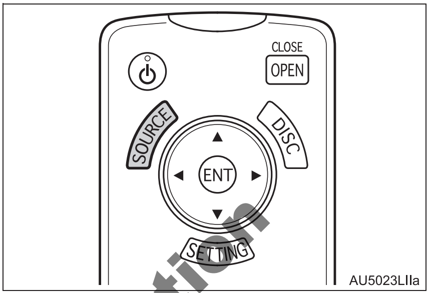
- The rear seat entertainment system plays videos and sound when audio-video equipment is connected to the A/V input port. For details, refer to the manufacturer's instructions.

NOTICE

- When the A/V input port is not in use, keep the A/V input port cover closed. Inserting anything other than an appropriate plug may cause electrical failure or a short circuit.

SELECTING THE VIDEO MODE

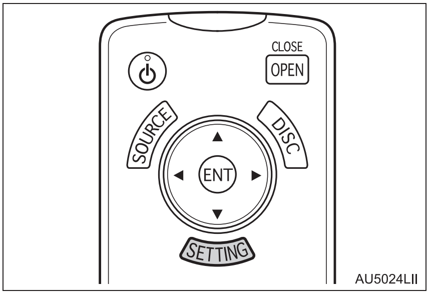
1 Press the **"SOURCE"** button, or select **"A/V"** on the source screen to change to video mode.



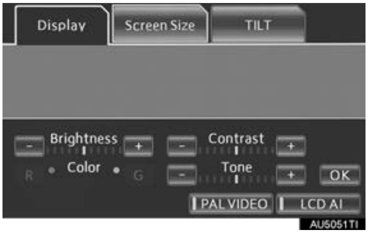
CHANGING SETTINGS

CHANGING TO PAL FORMAT

1 Press the **"SETTING"** button.



2 Turn **"PAL VIDEO"** on when PAL format equipment is connected to the A/V input port.

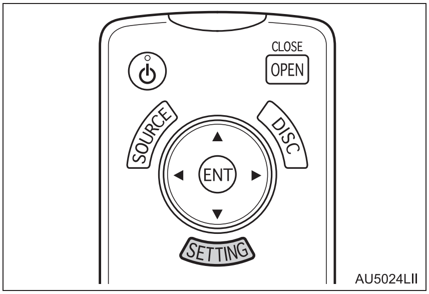


- The **"PAL VIDEO"** indicator is highlighted.

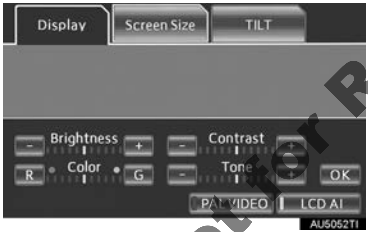
SETTING LCD AI

Automatically determines the tone of the video image and sets the contrast to an optimum level, displaying a sharp image.

1 Press the **“SETTING”** button.



2 Select **“LCD AI”**.



- The **“LCD AI”** indicator is highlighted.

INFORMATION

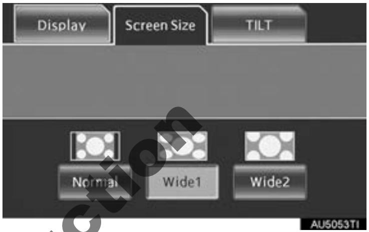
- Because the image quality is automatically adjusted when the **“LCD AI”** indicator is on, brightness and contrast adjustment becomes less effective.

SETTING THE DISPLAY MODE

1 Press the **“SETTING”** button on the controller.

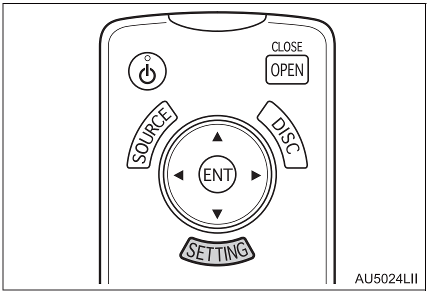
2 Select **“Screen Size”** tab.

3 Select **“Normal”**, **“Wide 1”** or **“Wide 2”**.

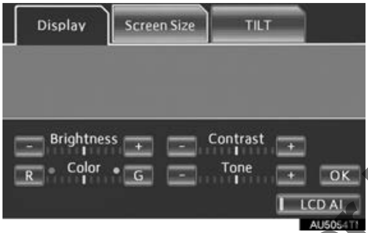


ADJUSTING THE SCREEN

1 Press the **"SETTING"** button.



2 Select the desired button to adjust color, tone, contrast and brightness. After adjusting the screen, select **"OK"**.



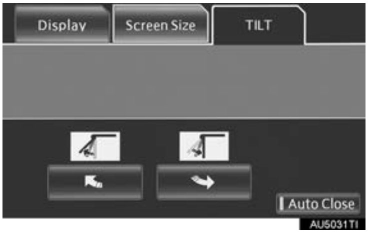
Screen button	Function
"Contrast" "+"	Select to strengthen the contrast of the screen.
"Contrast" "-"	Select to weaken the contrast of the screen.
"Brightness" "+"	Select to brighten the screen.
"Brightness" "-"	Select to darken the screen.
"Color" "R"	Select to strengthen the red color of the screen.
"Color" "G"	Select to strengthen the green color of the screen.
"Tone" "+"	Select to strengthen the tone of the screen.
"Tone" "-"	Select to weaken the tone of the screen.

AUTOMATIC CLOSING OF THE REAR DISPLAY

1 Press the **“SETTING”** button on the controller.

2 Select **“TILT”** tab.

3 Select **“Auto Close”**.



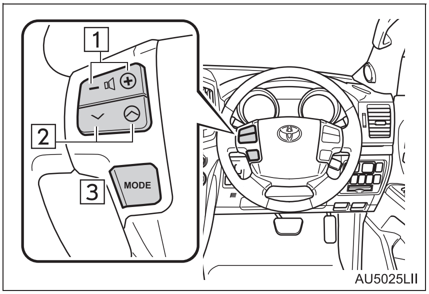
- If **“Auto Close”** is on, the display will automatically close when the “ENGINE START STOP” switch is turned OFF.

INFORMATION

- The display will automatically open when the “ENGINE START STOP” switch is turned to ACCESSORY or IGNITION ON mode.

10. AUDIO/VIDEO REMOTE CONTROLS (STEERING SWITCHES)

Some parts of the audio/video system can be adjusted using the switches on the steering wheel.



No.	Switch
1	Volume control switch
2	“∧ ∨” switch
3	**“MODE”** switch

1 Volume control switch

- Press the **“+”** side to increase the volume. The volume continues to increase while the switch is being pressed.
- Press the **“-”** side to decrease the volume. The volume continues to decrease while the switch is being pressed.

2 **“∧ ∨”** switch

▶Radio

To select a preset station: Quickly press and release the **“∧”** or **“∨”** switch. Repeat this to select the next preset station.

To seek a station: Press and hold the **“∧”** or **“∨”** switch until a beep is heard. Repeat this to find the next station. If either switch is pressed during seek mode, seeking will be canceled.

- To seek up or down the frequency, press and hold the switch until a beep is heard. When you release the switch, the radio will begin seeking up or down for a station. Repeat to find the next station.

▶DAB

To select a service: Quickly press and release the **“∧”** or **“∨”** switch. Repeat this to select the next service.

To select a channel: Press and hold the **“∧”** or **“∨”** switch until a beep is heard. Repeat this to find the next channel. If either switch is pressed during seek mode, seeking will be canceled.

▶DVD player

- Use the **“∧”** or **“∨”** switch to skip up or down to a different track, file or chapter in either direction.

To select a desired track, file or chapter: Quickly press and release the **“∧”** or **“∨”** switch until the desired track, file or chapter to play is selected. To return to the beginning of the current track, file or chapter, press the “∨” switch once quickly.

To select a desired folder: Press and hold the **“∧”** or **“∨”** switch until a beep is heard to change to the next or the previous folder. Repeat it until the desired folder is selected.

▶Bluetooth® audio player

- ● Use the **“∧”** or **“∨”** switch to skip up or down to a different track or album in either direction.

To select a desired track: Quickly press and release the **“∧”** or **“∨”** switch until the desired track is selected. To return to the beginning of the current track, press the **“∨”** switch once quickly.

To select a desired album: Press and hold the **“∧”** or **“∨”** switch until a beep is heard to change to the next or the previous album. Repeat until the desired album is selected.

▶USB memory/iPod

- ● Use the **“∧”** or **“∨”** switch to skip up or down to a different file, track, folder or album in either direction.

To select a desired file or track: Press the **“∧”** or **“∨”** switch until the desired file or track is selected. To return to the beginning of the current file or track, press the **“∨”** switch once quickly.

To select a desired folder or album (USB memory only): Press and hold the **“∧”** or **“∨”** switch until a beep is heard to change to the next or the previous folder or album. Repeat it until the desired folder or album is selected.

3 **“MODE”** switch

- ● Press the **“MODE”** switch to select an audio mode. Each press changes the mode sequentially if the desired mode is ready to use.
- ● To turn the audio/video system on, press the **“MODE”** switch.
- ● Press and hold the **“MODE”** switch to mute/unmute or pause/resume the current operation.

11. AUDIO/VIDEO SYSTEM OPERATING HINTS

⚠ NOTICE

- To ensure correct audio/video system operations:
  - Be careful not to spill beverages over the audio/video system.
  - Do not put anything other than an appropriate disc into the disc slot.
  - The use of a cellular phone inside or near the vehicle may cause a noise from the speakers of the audio/video system which you are listening to. However, this does not indicate a malfunction.

RADIO RECEPTION

Usually, a problem with radio reception does not mean there is a problem with the radio — it is just the normal result of conditions outside the vehicle.

For example, nearby buildings and terrain can interfere with FM reception. Power lines or telephone wires can interfere with AM signals. And of course, radio signals have a limited range. The farther the vehicle is from a station, the weaker its signal will be. In addition, reception conditions change constantly as the vehicle moves.

Here, some common reception problems that probably do not indicate a problem with the radio are described.

FM

Fading and drifting stations: Generally, the effective range of FM is about 40 km. Once outside this range, you may notice fading and drifting, which increase with the distance from the radio transmitter. They are often accompanied by distortion.

Multi-path: FM signals are reflective, making it possible for 2 signals to reach the vehicle’s antenna at the same time. If this happens, the signals will cancel each other out, causing a momentary flutter or loss of reception.

Static and fluttering: These occur when signals are blocked by buildings, trees or other large objects. Increasing the bass level may reduce static and fluttering.

Station swapping: If the FM signal being listened to is interrupted or weakened, and there is another strong station nearby on the FM band, the radio may tune in the second station until the original signal can be picked up again.

AM

Fading: AM broadcasts are reflected by the upper atmosphere — especially at night. These reflected signals can interfere with those received directly from the radio station, causing the radio station to sound alternately strong and weak.

Station interference: When a reflected signal and a signal received directly from a radio station are very nearly the same frequency, they can interfere with each other, making it difficult to hear the broadcast.

Static: AM is easily affected by external sources of electrical noise, such as high tension power lines, lightening or electrical motors. This results in static.

iPod

Made for
iPod iPhone

- “Made for iPod” and “Made for iPhone” mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards.
- Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.
- iPhone, iPod, iPod classic, iPod nano and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

COMPATIBLE MODELS

The following iPod®, iPod nano®, iPod classic®, iPod touch® and iPhone® devices can be used with this system.

Made for

- iPod touch (4th generation)
- iPod touch (3rd generation)
- iPod touch (2nd generation)
- iPod touch (1st generation)
- iPod classic
- iPod with video
- iPod nano (6th generation)
- iPod nano (5th generation)
- iPod nano (4th generation)
- iPod nano (3rd generation)
- iPod nano (2nd generation)
- iPod nano (1st generation)
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPhone

Depending on differences between models or software versions etc., some models might be incompatible with this system.

USB MEMORY

- USB memory that can be used for MP3 and WMA playback:
  - USB communication formats: USB 2.0 HS (480 Mbps) and FS (12 Mbps)
  - File formats: FAT 16/32
  - Correspondence class: Mass storage class

CARING FOR YOUR DVD PLAYER AND DISC

- This DVD player is intended for use with 12 cm discs only.
- Extremely high temperatures can keep the DVD player from working. On hot days, use the air conditioning system to cool the inside of the vehicle before using the player.
- Bumpy roads or other vibrations may make the DVD player skip.
- If moisture gets into the DVD player, the discs may not be able to be played. Remove the discs from the player and wait until it dries.

CAUTION

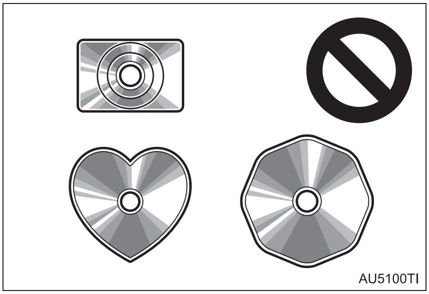
- DVD players use an invisible laser beam which could cause hazardous radiation exposure if directed outside the unit. Be sure to operate the player correctly.

DVD PLAYER

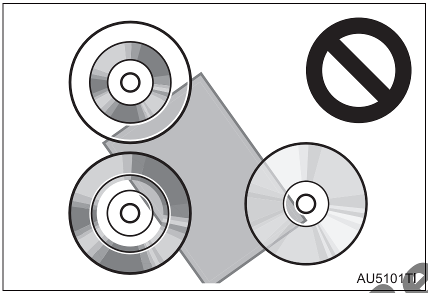
Audio CDs	COMPACT disc DIGITAL AUDIO COMPACT disc DIGITAL AUDIO Recordable	COMPACT disc DIGITAL AUDIO TEXT COMPACT disc DIGITAL AUDIO ReWritable
DVD video discs	DVD VIDEO	DVD VIDEO

- Use only discs marked as shown above. The following products may not be playable on your player:
  - SACD
  - dts CD
  - Copy-protected CD
  - DVD audio
  - Video CD
  - DVD+R
  - DVD+RW
  - DVD-RAM

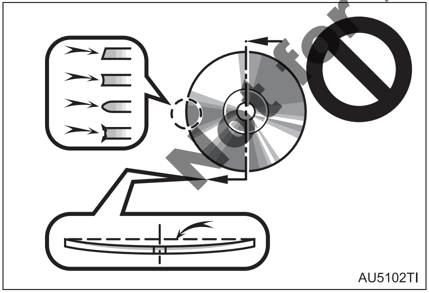
▶Special shaped discs



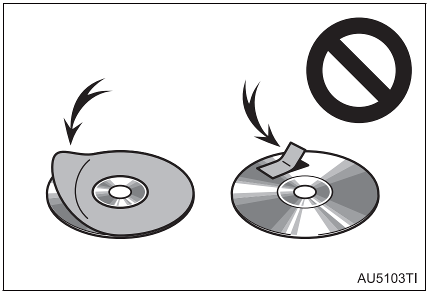
▶Transparent/translucent discs



▶Low quality discs

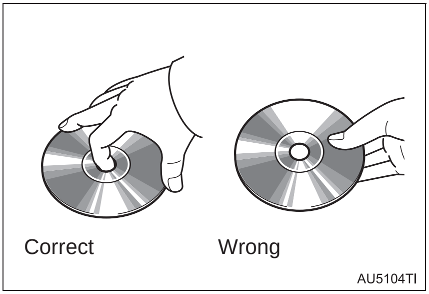


▶Labeled discs

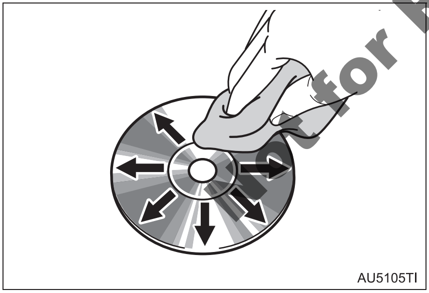


⚠ NOTICE

- Do not use special shaped, transparent/translucent, low quality or labeled discs such as those shown in the illustrations. The use of such discs may damage the player, or it may be impossible to eject the disc.
- This system is not designed for use of Dual Discs. Do not use Dual Discs because they may cause damage to the player.
- Do not use discs with a protection ring. The use of such discs may damage the player, or it may be impossible to eject the disc.
- Do not use printable discs. The use of such discs may damage the player, or it may be impossible to eject the disc.



- Handle discs carefully, especially when inserting them. Hold them on the edge and do not bend them. Avoid getting fingerprints on them, particularly on the shiny side.
- Dirt, scratches, warping, pin holes or other disc damage could cause the player to skip or to repeat a section of a track. (To see a pin hole, hold the disc up to the light.)
- Remove discs from the players when not not in use. Store them in their plastic cases away from moisture, heat and direct sunlight.



To clean a disc: Wipe it with a soft, lint-free cloth that has been dampened with water. Wipe in a straight line from the centre to the edge of the disc (not in circles). Dry it with another soft, lint-free cloth. Do not use a conventional record cleaner or anti-static device.

MP3/WMA FILES

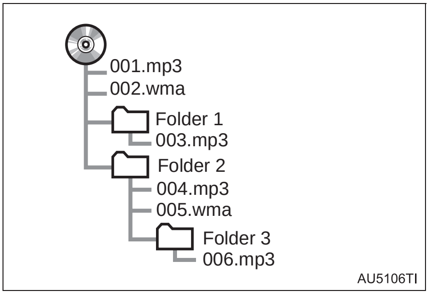
- MP3 (MPEG Audio Layer 3) and WMA (Windows Media Audio) are audio compression standards.
- The MP3/WMA player can play MP3 and WMA files on CD-ROM, CD-R and CD-RW discs.
- The unit can play disc recordings compatible with ISO 9660 level 1 and level 2 and with the Romeo and Joliet file system.
- When naming an MP3 or WMA file, add the appropriate file extension (.mp3 or .wma).
- The MP3/WMA player plays back files with .mp3 or .wma file extensions as MP3 or WMA files. To prevent noise and playback errors, use the appropriate file extensions.
- The MP3/WMA player can play only the first session when using multi-session compatible CDs.
- MP3 player: MP3 files are compatible with the ID3 Tag Ver. 1.0, Ver. 1.1, Ver. 2.2 and Ver. 2.3 formats. The unit cannot display disc title, track title and artist name in other formats.
- USB memory: MP3 files are compatible with the ID3 Tag Ver. 1.0, Ver. 1.1, Ver. 2.2, Ver. 2.3 and Ver. 2.4 formats. The unit cannot display track title and artist name in other formats.
- WMA files can contain a WMA tag that is used in the same way as an ID3 tag. WMA tags carry information such as track title and artist name.
- The emphasis function is available only when playing MP3/WMA files recorded at 32, 44.1 and 48 kHz.

SAMPLING FREQUENCY

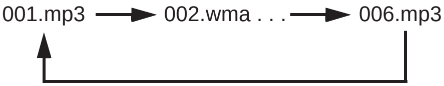
- MP3 files for MP3 player:
  MPEG 1 LAYER 3 — 32, 44.1, 48 kHz
  MPEG 2 LSF LAYER 3 — 16, 22.05, 24 kHz
  MP3 files for USB memory:
  MPEG 1 AUDIO LAYER 2, 3 — 32, 44.1, 48 kHz
  MPEG 2 AUDIO LAYER 2, 3 — 16, 22.05, 24 kHz
  WMA files for WMA player:
  Ver. 7, 8, 9 (9.1/9.2) CBR — 32, 44.1, 48 kHz
  WMA files for USB memory:
  Ver. 7, 8, 9 (9.1/9.2) CBR — 32, 44.1, 48 kHz
- The sound quality of MP3/WMA files generally improves with higher bit rates. In order to achieve a reasonable level of sound quality, discs recorded with a bit rate of at least 128 kbps are recommended.

PLAYABLE BIT RATES

- MP3 files for MP3 player:
  MPEG1 LAYER3 — 32 to 320 kbps
  MPEG2 LSF LAYER3 — 8 to 160 kbps
  MP3 files for USB memory:
  MPEG 1 AUDIO LAYER 3 — 32 to 320 kbps
  MPEG 2 AUDIO LAYER 3 — 8 to 160 kbps
  WMA files for WMA player:
  Ver. 7, 8 CBR — 48 to 192 kbps
  Ver. 9 (9.1/9.2) CBR — 48 to 320 kbps (VBR*)
  WMA files for USB memory:
  Ver. 9 (9.1/9.2) CBR — 48 to 320 kbps (VBR*)
  *: Variable Bit Rate
- The MP3/WMA player does not play back MP3/WMA files from discs recorded using packet write data transfer (UDF format). Discs should be recorded using “pre-mastering” software rather than packet-write software.
- M3u playlists are not compatible with the audio player.
- MP3i (MP3 interactive) and MP3PRO formats are not compatible with the audio player.
- The player is compatible with VBR (Variable Bit Rate).
- When playing back files recorded as VBR (Variable Bit Rate) files, the play time will not be correctly displayed if the fast forward or reverse operations are used.
- It is not possible to check folders that do not include MP3/WMA files.
- MP3/WMA files in folders up to 8 levels deep can be played. However, the start of playback may be delayed when using discs containing numerous levels of folders. For this reason, we recommend creating discs with no more than 2 levels of folders.



- The play order of the compact disc with the structure shown above is as follows:



- MP3/WMA player: It is possible to play up to 192 folders or 255 files on one disc.
- USB memory: It is possible to play up to 3000 folders, 255 files per folder or 9999 files in the device.
- The order changes depending on the personal computer and MP3/WMA encoding software you use.

CD-R AND CD-RW DISCS

- CD-R/CD-RW discs that have not been subject to the “finalizing process” (a process that allows discs to be played on a conventional CD player) cannot be played.
- It may not be possible to play CD-R/CD-RW discs recorded on a music CD recorder or a personal computer because of disc characteristics, scratches or dirt on the disc, or dirt, condensation, etc. on the lens of the unit.
- It may not be possible to play discs recorded on a personal computer depending on the application settings and the environment. Record with the correct format. (For details, contact the appropriate application manufacturers of the applications.)
- CD-R/CD-RW discs may be damaged by direct exposure to sunlight, high temperatures or other storage conditions. The unit may be unable to play some damaged discs.
- If you insert a CD-RW disc into the MP3/WMA player, playback will begin more slowly than with a conventional CD or CD-R disc.
- Recordings on CD-R/CD-RW cannot be played using the DDCD (Double Density CD) system.

TERMS

PACKET WRITE

- This is a general term that describes the process of writing data on-demand to CD-R, etc., in the same way that data is written to floppy or hard discs.

ID3 TAG

- This is a method of embedding track-related information in an MP3 file. This embedded information can include the track title, the artist's name, the album title, the music genre, the year of production, comments and other data. The contents can be freely edited using software with ID3 tag editing functions. Although the tags are restricted to a number of characters, the information can be viewed when the track is played back.

WMA TAG

- WMA files can contain a WMA tag that is used in the same way as an ID3 tag. WMA tags carry information such as track title and artist name.

ISO 9660 FORMAT

- This is the international standard for the formatting of CD-ROM folders and files. For the ISO 9660 format, there are 2 levels of regulations.
- Level 1: The file name is in 8.3 format (8 character file names, with a 3 character file extension. File names must be composed of one-byte capital letters and numbers. The "_" symbol may also be included.)
- Level 2: The file name can have up to 31 characters (including the separation mark "." and file extension). Each folder must contain fewer than 8 hierarchies.

m3u

- Playlists created using "WINAMP" software have a playlist file extension (.m3u).

MP3

- MP3 is an audio compression standard determined by a working group (MPEG) of the ISO (International Standard Organization). MP3 compresses audio data to about 1/10 the size of that on conventional discs.

WMA

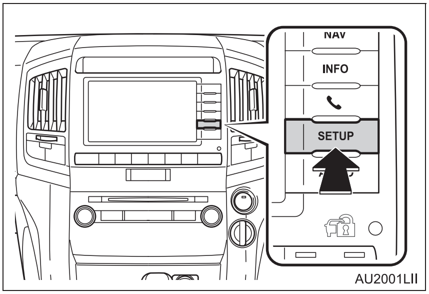
- WMA (Windows Media Audio) is an audio compression format developed by Microsoft®. It compresses files into a size smaller than that of MP3 files. The decoding formats for WMA files are Ver. 7, 8 and 9.

1. AUDIO SETTINGS

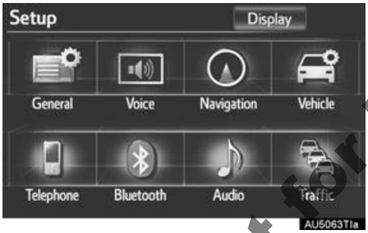
AUDIO SETTINGS

Sound, radio, iPod and external video details can be set by following the procedure outlined below.

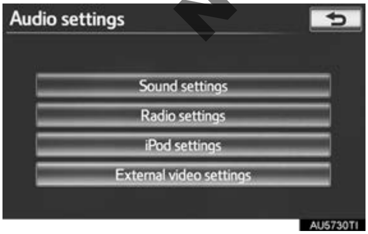
1 Press the **“SETUP”** button.



2 Touch **“Audio”**.



3 Touch the audio setting to be edited.



SOUND SETTINGS

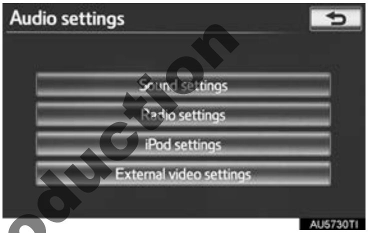
Sound balance can be adjusted.

DSP CONTROL

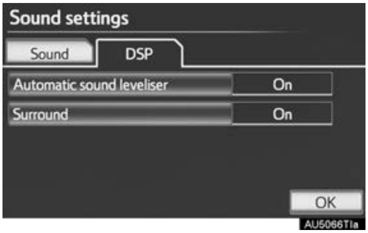
1 Press the **“SETUP”** button.

2 Touch **“Audio”** on the “Setup” screen.

3 Touch **“Sound settings”**.



4 Touch the **“DSP”** tab to display this screen.



Automatic sound leveliser On

Surround On

5 Touch the desired items to be set.

6 Touch **“OK”**.

AUTOMATIC SOUND LEVELISER (ASL)

The system adjusts to the optimum volume and tone quality according to vehicle speed to compensate for increased vehicle noise.

1 Touch **“Automatic sound leveliser”**.

2 Touch **“On”** or **“Off”**.

SURROUND FUNCTION

This function can create a feeling of presence.

1 Touch **“Surround”**.

2 Touch **“On”** or **“Off”**.

TONE AND BALANCE

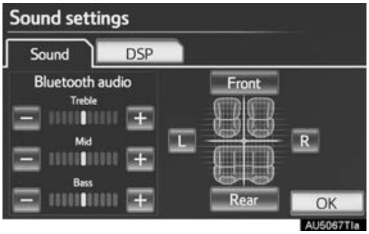
TONE

How good an audio program sounds is largely determined by the mix of the treble, mid and bass levels. In fact, different kinds of music and vocal programs usually sound better with different mixes of treble, mid and bass.

BALANCE

A good balance of the left and right stereo channels and of the front and rear sound levels is also important.
Keep in mind that when listening to a stereo recording or broadcast, changing the right/left balance will increase the volume of 1 group of sounds while decreasing the volume of another.

1 Touch the **“Sound”** tab to display this screen.



2 Touch the desired screen button.

Screen button	Function
"Treble" "+" or "-"	Touch to adjust high-pitched tones.
"Mid" "+" or "-"	Touch to adjust mid-pitched tones.
"Bass" "+" or "-"	Touch to adjust low-pitched tones.
"Front" or "Rear"	Touch to adjust the sound balance between the front and rear speakers.
"L" or "R"	Touch to adjust the sound balance between the left and right speakers.

3 Touch **"OK"**.

INFORMATION

- The tone of each mode (such as AM, FM and DVD player) can be adjusted.

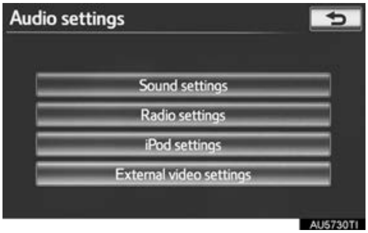
RADIO SETTINGS

Detailed radio settings can be programmed.

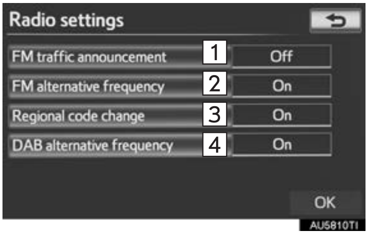
1 Press the **"SETUP"** button.

2 Touch **"Audio"** on the "Setup" screen.

3 Touch **"Radio settings"**.



4 Touch the item to be adjusted, and then touch the screen button next to it to adjust its settings.


Radio settings

FM traffic announcement 1 Off
FM alternative frequency 2 On
Regional code change 3 On
DAB alternative frequency 4 On

No.	Function
1	The tuner will automatically seek a station that regularly broadcasts traffic information and the station broadcasts when the traffic information program starts.
2	A station providing good reception is automatically selected if current reception worsens.
3	For switching over to a broadcasting station within the same local program network.
4	A channel providing good reception is automatically selected if current reception worsens.

5 Touch **"OK"**.

iPod AND EXTERNAL VIDEO SETTINGS

iPod and external video settings can be set using the procedure outlined below.

EXTERNAL VIDEO SETTINGS

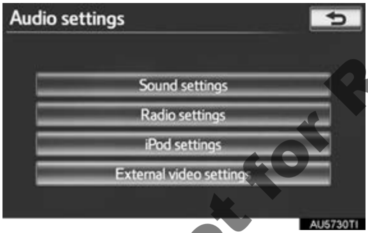
▶Vehicles with A/V input port

The display output method of the video signal that is received from a VTR or iPod can be changed.

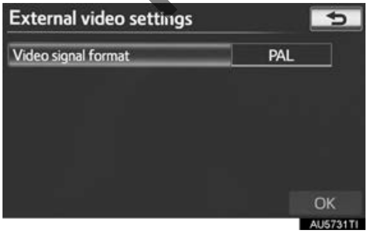
1 Press the **"SETUP"** button.

2 Touch **"Audio"** on the "Setup" screen.

3 Touch **"External video settings"**.

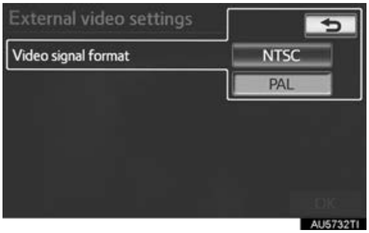


4 Touch **"Video signal format"**.


External video settings

Video signal format PAL

5 Touch **"NTSC"** or **"PAL"**.


External video settings

Video signal format

6 Touch **"OK"**.

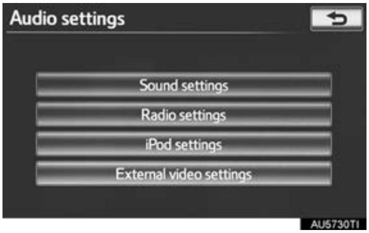
iPod SETTINGS

iPod can be set using the procedure outlined below.

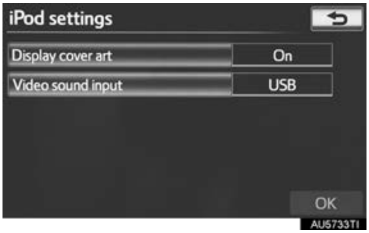
1 Press the **"SETUP"** button.

2 Touch **"Audio"** on the "Setup" screen.

3 Touch **"iPod settings"**.



4 Touch the item to be set.


iPod settings

Display cover art On

Video sound input USB

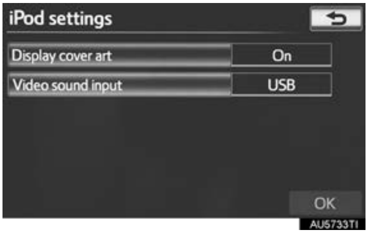
5 After iPod setting has been changed, touch **"OK"**.

VIDEO SOUND INPUT SETTINGS

▶Vehicles with A/V input port

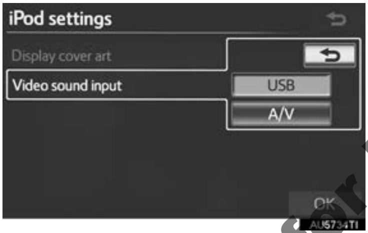
When the iPod is connected to the A/V input port, set the to “Video sound input” to **“A/V”**.

1 Touch **“Video sound input”**.



Display cover art On
Video sound input USB

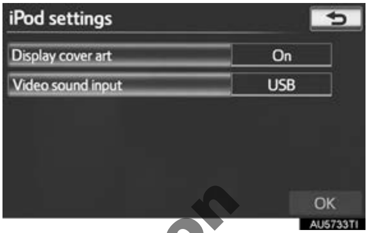
2 Touch **“USB”** or **“A/V”**.



COVER ART DISPLAY SETTINGS

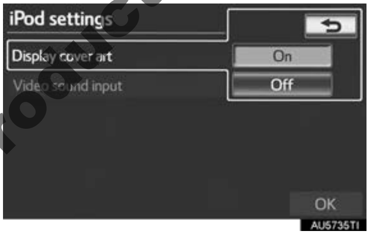
When the track currently being played has cover art data, it can be displayed.

1 Touch **“Display cover art”**.



Display cover art On
Video sound input USB

2 Touch **“On”** or **“Off”**.



6

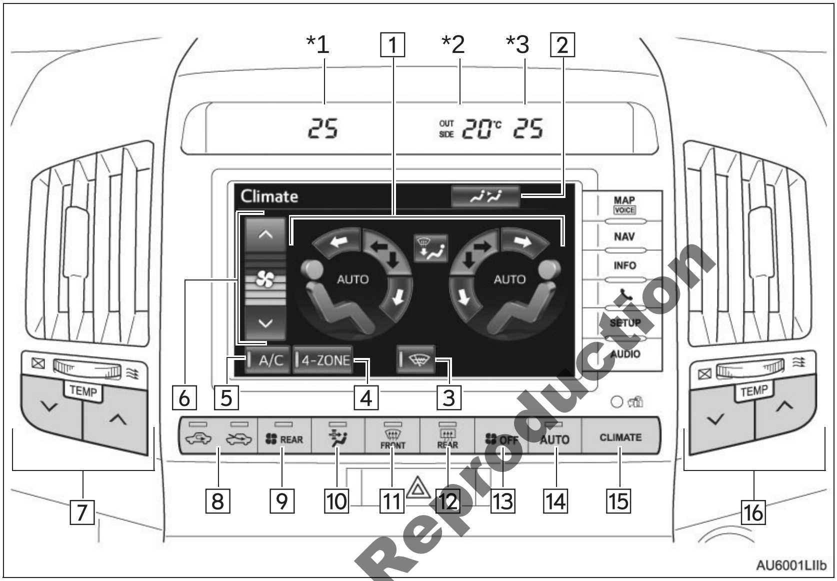
AIR CONDITIONING

1 AIR CONDITIONING SYSTEM OPERATION

1. QUICK REFERENCE

Operations such as changing the air outlets or fan speed are carried out on the screen. Press the **“CLIMATE”** button to display the air conditioning control screen.

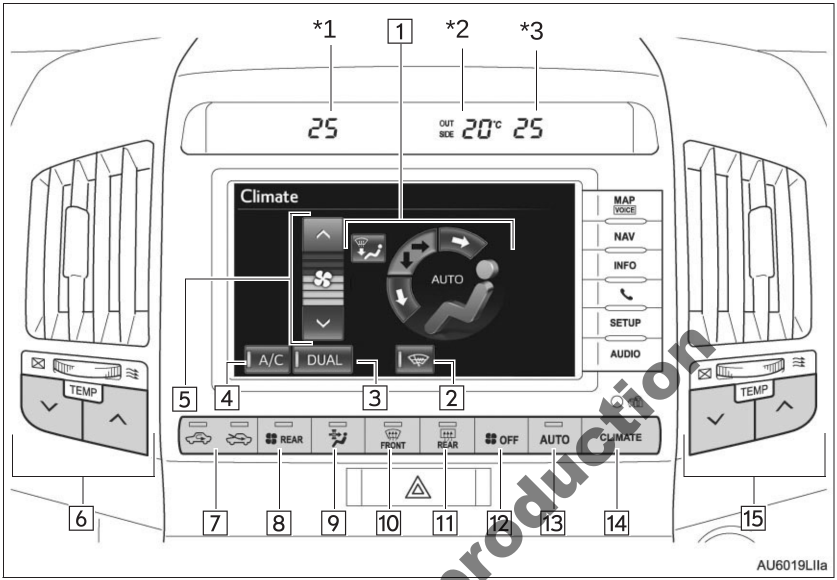
▶With rear air conditioning system



*1: Passenger side temperature display
*2: Outside temperature display
*3: Driver side temperature display

No.	Name	Function	Page
1	Air flow control buttons	Touch to change the air outlets.	289
2	Rear air conditioning control button	Touch to display the rear air conditioning control screen.	294
3	Windshield wiper deicer (If equipped)	Touch to prevent ice from building up on the windshield and wiper blades.	Owner's Manual
4	"4-ZONE"	Touch to set the temperatures independently for the driver's, front passenger's and rear seats.	287
5	"A/C"	Touch to change the air conditioning between on and off.	293
6	Fan speed control buttons	Touch to select fan speed.	288
7	Passenger's side temperature control button	Press to control the passenger's side temperature. When you press this button, the "4-ZONE" indicator light will turn yellow, and the mode will change to independent mode.	287
8	Air intake control button	Press to change the function between outside air and recirculated air mode.	291
9	"REAR" button	Press to change the rear air conditioning between on and off.	Owner's Manual
10	Pollen removal mode button	Press to remove pollen.	292
11	Windshield air flow button	Press to defog the windshield.	289
12	Rear window and outside rear view mirror defogger button	Press to defog the rear window and outside rear view mirror.	Owner's Manual
13	"OFF" button	Press to turn the fan off.	287, 288
14	"AUTO" button	Press to use the automatic air conditioning system.	287
15	"CLIMATE" button	Press to display the air conditioning control screen.	286
16	Driver's side temperature control button.	Press to control the driver's side temperature.	287

▶Without rear air conditioning system



*1: Passenger side temperature display
*2: Outside temperature display
*3: Driver side temperature display

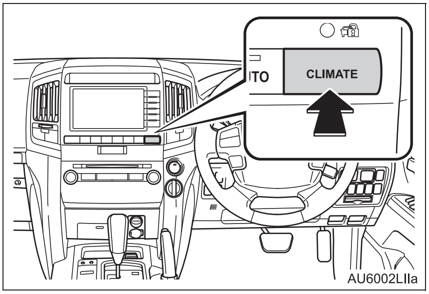
No.	Name	Function	Page
1	Air flow control buttons	Touch to change the air outlets.	289
2	Windshield wiper deicer (If equipped)	Touch to prevent ice from building up on the windshield and wiper blades.	Owner's Manual
3	"DUAL"	Touch to set the temperatures independently for the driver's and passenger's seats.	287
4	"A/C"	Touch to change the air conditioning between on and off.	293
5	Fan speed control buttons	Touch to select fan speed.	288
6	Passenger's side temperature control button	Press to control the passenger's side temperature. When you press this button, the "DUAL" indicator light will turn yellow, and the mode will change to independent mode.	287
7	Air intake control button	Press to change the function between outside air and recirculated air mode.	291
8	"REAR" button	Press to change the rear cooler between on and off.	Owner's Manual
9	Pollen removal mode button	Press to remove pollen.	292
10	Windshield air flow button	Press to defog the windshield.	289
11	Rear window and outside rear view mirror defogger button	Press to defog the rear window and outside rear view mirror.	Owner's Manual
12	"OFF" button	Press to turn the fan off.	287, 288
13	"AUTO" button	Press to use the automatic air conditioning system.	287
14	"CLIMATE" button	Press to display the air conditioning control screen.	286
15	Driver's side temperature control button.	Press to control the driver's side temperature.	287

2. SOME BASICS

CLIMATE CONTROL

The “ENGINE START STOP” switch must be in IGNITION ON mode.

1 Press the **“CLIMATE”** button to display the air conditioning control screen.



- A function that enables automatic return to the previous screen from the air conditioning control screen can be selected. See page 43 for details.

NOTICE

- To prevent battery discharge, do not leave the air conditioning system on longer than necessary when the engine is stopped.

INFORMATION

- During use, various odors from inside and outside the vehicle may enter into and accumulate in the air conditioning system. This may then cause odor to be emitted from the vents.
- To reduce potential odors from occurring:
  - It is recommended that the air conditioning system be set to outside air mode prior to turning the vehicle off.
  - The start timing of the blower may be delayed for a short period of time immediately after the air conditioning system is started in automatic operation mode.

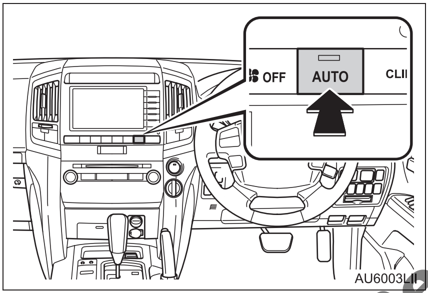
3. FRONT AUTOMATIC AIR CONDITIONING SYSTEM

USING THE AIR CONDITIONING SYSTEM

SWITCHING TO AUTOMATIC OPERATION MODE

Air outlets and fan speed are automatically adjusted according to the temperature setting.

1 Press the **“AUTO”** button.



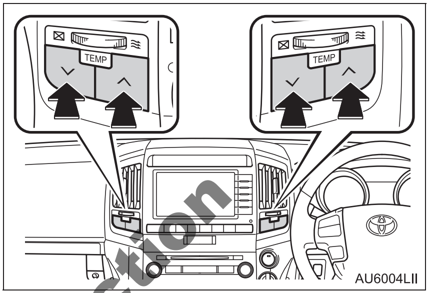
- Press the **“OFF”** button to turn the fan off.

INFORMATION

- While the cool box is on, the front air conditioning system cannot be turned off.
- When the outside temperature is 0°C or below, the cool box may not operate.

SETTING THE VEHICLE INTERIOR TEMPERATURE

1 Press the **“∧”** button on “TEMP” to increase the temperature and **“∨”** to decrease the temperature.



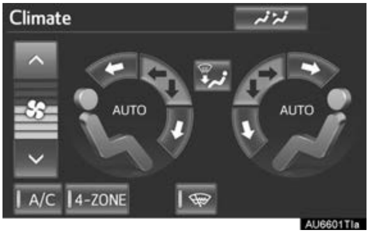
- The temperature for the driver’s and front passenger’s seats can be set separately.
- Only the **“∧”** and **“∨”** button on “TEMP” (driver’s side) can be used to adjust the temperature for all seats.

4-ZONE

▶With rear air conditioning system

“4-ZONE” is used to set the temperatures independently for the driver’s seat, front passenger seat and rear seats.

1 Touch **“4-ZONE”**.



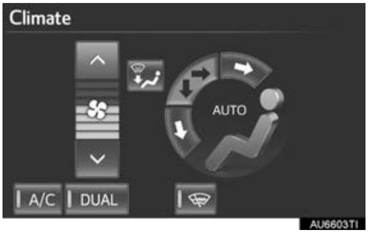
- When the indicator on **“4-ZONE”** is on, the temperature for the driver’s, front passenger’s and rear seats can be set separately. Operating the passenger’s side or rear temperature control will enter individual mode. (For details, refer to “Owner’s Manual”.)

DUAL

▶Without rear air conditioning system

“DUAL” is used to set the temperatures independently for the driver’s seat and passenger seat.

1 Touch **“DUAL”**.

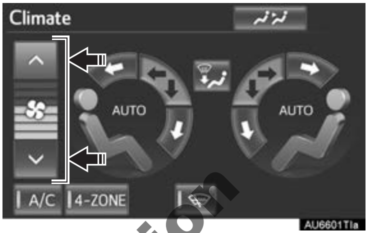


- When the indicator on **“DUAL”** is on, the temperature for the driver’s and passenger’s seats can be set separately. Operating the passenger’s side temperature control will enter individual mode. (For details, refer to “Owner’s Manual”.)

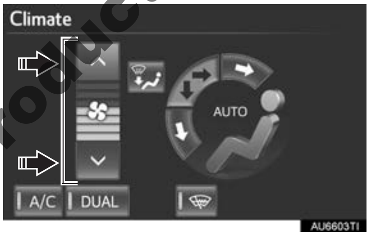
SETTING THE FAN SPEED

1 Touch **“∧”** on ❀ to increase the fan speed and **“∨”** to decrease the fan speed. (7 levels)

▶With rear air conditioning system



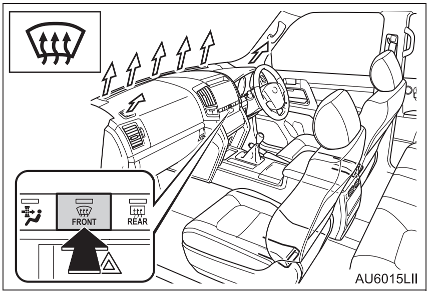
▶Without rear air conditioning system



- Press the **“OFF”** button to turn the fan off.

DEFOGGING THE WINDSHIELD

1 Press the windshield air flow button.



- The air conditioning system control operates automatically.
- Recirculated air mode will automatically switch to outside air mode.

CAUTION

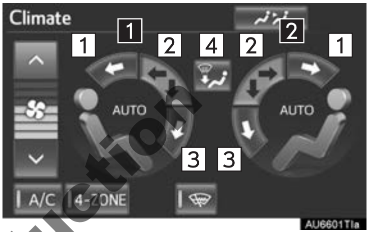
- To prevent the windshield from fogging up
  - Do not use the windshield air flow button during cool air operation in extremely humid weather. The difference between the temperature of the outside air and that of the windshield can cause the outer surface of the windshield to fog up, blocking your vision.

SWITCHING THE AIR OUTLETS AND AIR FLOW

The outlets from which air is delivered can be selected manually by touching the screen button.

1 Touch any mode on the screen.

▶With rear air conditioning system

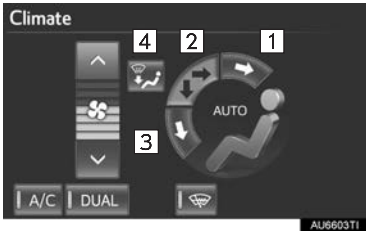


1 Left-hand front seat

2 Right-hand front seat

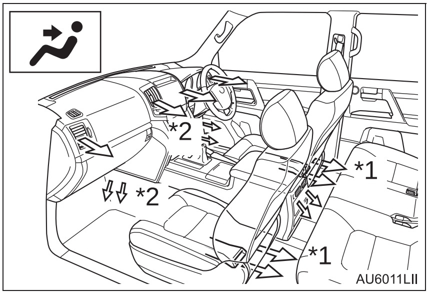
- Different air outlets for the left-hand and right-hand front seats can be chosen.

▶Without rear air conditioning system



No.	Function
1	Panel
2	Bi-level
3	Floor
4	Floor/windshield

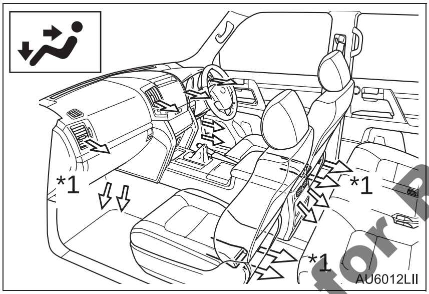
▶Air flows to the upper body (Panel)



*1: Depending on the rear air conditioning setting

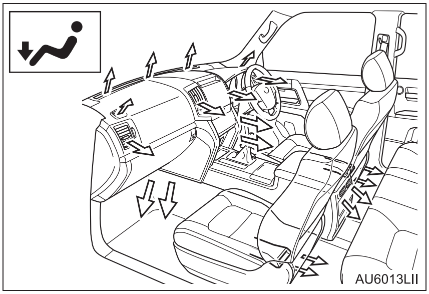
*2: Automatic air flow mode only

▶Air flows to the upper body and feet (Bi-level)

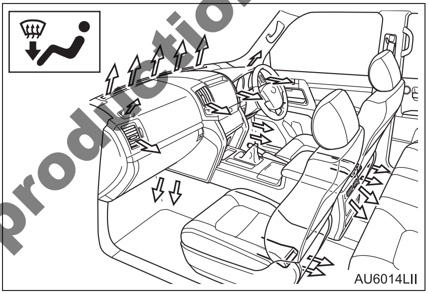


*1: Depending on the rear air conditioning setting

▶Air flows to the feet (Floor)



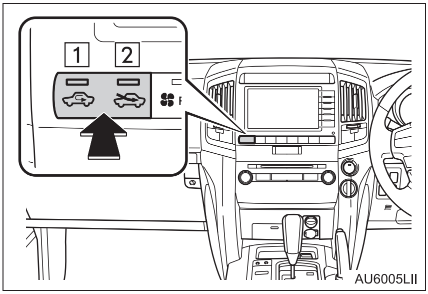
▶Air flows to the feet and the windshield defogger operates (Floor/windshield)



SWITCHING BETWEEN OUTSIDE AIR AND RECIRCULATED AIR MODES

The mode switches between outside air mode (introduces air from outside the vehicle) and recirculated air mode (recycles air inside the vehicle) each time the button is pressed.

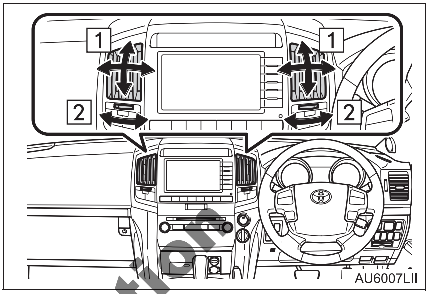
1 Press the air intake control button.



No.	Function
1	Recirculated air mode
2	Outside air mode

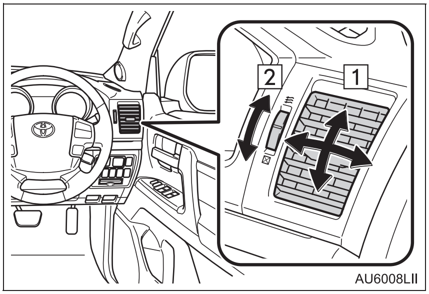
ADJUSTING THE POSITION OF AND OPENING AND CLOSING THE AIR OUTLETS

▶Front center outlets



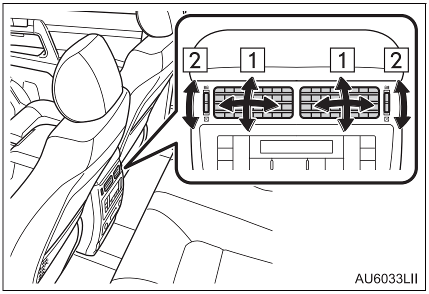
No.	Function
1	Direct air flow to the left or right, up or down
2	Turn the knob to open or close the vent

▶Front side outlets



No.	Function
1	Direct air flow to the left or right, up or down
2	Turn the knob to open or close the vent

▶Rear center outlets

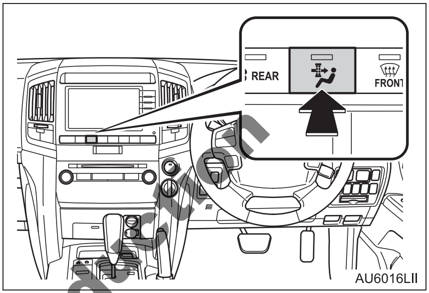


No.	Function
1	Direct air flow to the left or right, up or down
2	Turn the knob to open or close the vent

POLLEN REMOVAL MODE

Outside air mode switches to recirculated air mode. Pollen is removed from the air that flows to the upper part of the body.

1 Press the pollen removal mode button.



- Usually the system will turn off automatically after approximately 3 minutes.

- To stop the operation, press the pollen removal mode button again.

INFORMATION

- In order to prevent the windows from fogging up when the outside air is cold, the following may occur:
  - Outside air mode does not switch to recirculated air mode.
  - The air conditioning system operates automatically.
  - The operation cancels after 1 minute.
- In rainy weather, the windows may fog up. Press the windshield air flow button.

AIR CONDITIONING SYSTEM OPERATING HINTS

INFORMATION

- Using the automatic mode
  - Fan speed is adjusted automatically in accordance with the temperature setting and ambient conditions. As a result, the following may occur:
    - Immediately after **“AUTO”** is pressed, the fan may stop for a while until warm or cool air is ready to flow.
    - Cool air may flow to the area around the upper body when the heater is on.
- Using the system in recirculated air mode
  - The windows will fog up more easily if the recirculated air mode is used for an extended period.
- Switching between outside air and recirculated air modes
  - Recirculated air mode or outside air mode may be automatically switched to in accordance with the temperature setting and the inside temperature.
- Window defogger feature
  - Recirculated air mode may automatically switch to outside air mode in situations where the windows need to be defogged.
- When driving on dusty roads
  - Close all windows. If dust thrown up by the vehicle is still drawn into the vehicle after closing the windows, it is recommended that the air intake mode be set to outside air mode and the fan speed to any setting except off.

INFORMATION

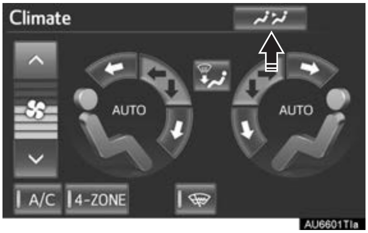
- When outside temperature approaches 0°C
  - The air conditioning system may not operate even when **“A/C”** is touched.
- Air conditioning filter
  - The air conditioning filter may clog after long use. The filter may need to be replaced if the air flow of the air conditioner and heater experiences extreme reductions in operating efficiency, or if the windows become to fog up easily. (For details, refer to the “Owner’s Manual”.)
- Customization
  - Settings can be changed.
    (For details, refer to the “Owner’s Manual”.)

4. REAR AUTOMATIC AIR CONDITIONING SYSTEM*

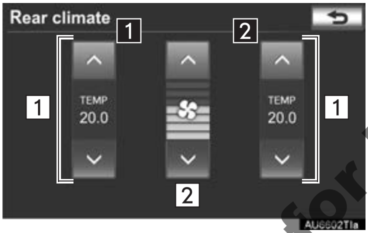
REAR AIR CONDITIONING CONTROLS

Adjusting the rear air conditioning temperature and fan speed.

1 Touch the rear air conditioning control button.



2 Touch the desired button.



▶ **1** Left-hand rear seat

2 Right-hand rear seat

- The air conditioning system switches between individual and simultaneous modes each time **"4-ZONE"** is touched.

No.	Function
1	Touch **"∧"** on "TEMP" to increase the temperature and **"∨"** to decrease the temperature.
2	Touch **"∧"** on ✤ to increase the fan speed and **"∨"** to decrease the fan speed. (7 levels)

*: With rear air conditioning system

7

SPEECH COMMAND SYSTEM

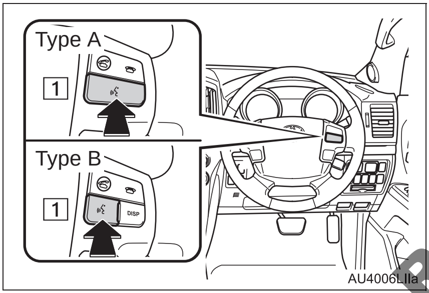
1 SPEECH COMMAND SYSTEM OPERATION

1. SPEECH COMMAND SYSTEM

The speech command system enables the navigation, audio and hands-free systems to be operated using speech commands.

The operating procedures of speech commands from the “Main menu” screen are explained here.

STEERING SWITCHES FOR THE SPEECH COMMAND SYSTEM



1 Talk switch

- Press the talk switch to start the speech command system.
- To cancel voice recognition, press and hold the talk switch.

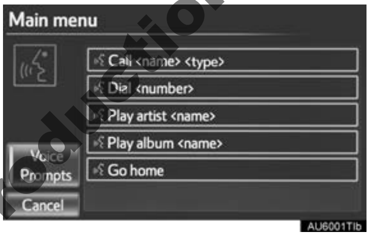
SPEECH COMMAND SYSTEM OPERATION

1 Press the talk switch.

- After the “Main menu” screen has been displayed, voice guidance will commence.

- Voice guidance for the speech command system can be skipped by pressing the talk switch.

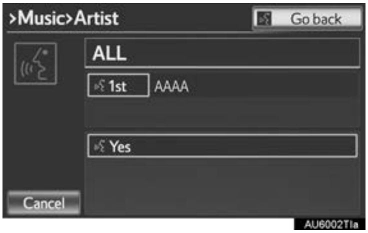
2 After a beep sounds, say the command of your choice.



- Speech commands are marked with . Some commonly used commands are displayed on the screen.
- Registered names in the phonebook etc., can be said in the place of the “< >” next to the commands. (See page 301.) For example: Say ***“Call John” “Mobile”*** etc.

- Saying ***“Help”*** prompts voice guidance to offer examples of commands and operation methods.

3 Say the command displayed on the screen.



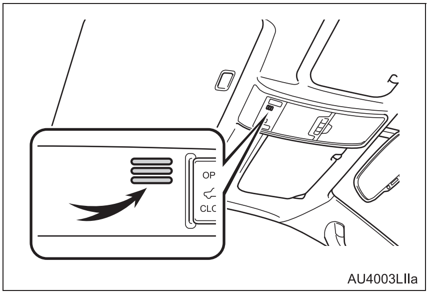
- If a desired outcome is not shown, or if no selections are available, perform one of the following to return to the previous screen:
  - Say ***“Go back”***
  - Touch **“Go back”**
- To cancel voice recognition, touch **“Cancel”**, or press and hold the talk switch.

INFORMATION

- If the navigation system does not respond or the confirmation screen does not disappear, press the talk switch and try again.
- If a speech command cannot be recognized within 6 seconds, voice guidance will say “Pardon?” (“Command not recognized.” will be displayed on the screen) and speech command reception will restart.
- If a speech command cannot be recognized 2 consecutive times, voice guidance will say “Paused. To restart voice recognition, push the talk switch. To cancel voice recognition, push and hold the talk switch.”. Then voice recognition will be suspended.
- The voice recognition guidance can be set to on or off when **“Voice Prompts”** is touched. This setting can also be changed on the “Voice settings” screen. (See page 51.)
- When **“Voice Prompts”** is touched, voice recognition will be temporarily suspended. Press the talk switch again.
- Voice guidance can be canceled by setting voice prompts to off. Use this setting when it is desirable to say a command immediately after pressing the talk switch.

MICROPHONE

It is unnecessary to speak directly into the microphone when giving a command.



INFORMATION

- Wait for the confirmation beep before speaking a command.
- Speech commands may not be recognized if:
  - Spoken too quickly.
  - Spoken at a low or high volume.
  - The roof or windows are open.
  - Passengers are talking while speech commands are spoken.
  - The air conditioning speed is set high.
  - The air conditioning vents are turned towards the microphone.
- In the following conditions, the system may not recognize the command properly and using speech commands may not be possible:
  - The command is incorrect or unclear. Note that certain words, accents or speech patterns may be difficult for the system to recognize.
  - There is excessive background noise, such as wind noise.

SPEECH COMMAND EXAMPLE: SEARCHING FOR A ROUTE TO YOUR HOME

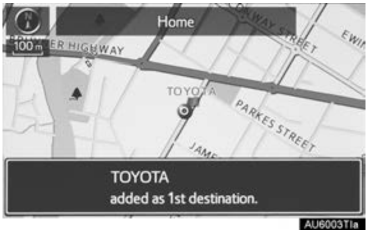
1 Press the talk switch.

2 Say ***"Go home"***.

- A confirmation screen will be displayed showing the recognition results.

3 Say ***"Yes"*** or touch **"Yes"**.

- The system starts searching for a route to your home.



TOYOTA
added as 1st destination.

- When the speech command is recognized, the map of the area around the home address will be displayed and route guidance to the home address will begin.

> - If a home address is not registered, voice guidance will say "Your home is not set.". Please try again after setting a home location. (See page 97.)

SPEECH COMMAND EXAMPLE: SEARCH FOR A TRACK USING ARTIST NAME OR ALBUM NAME

1 Press the talk switch.

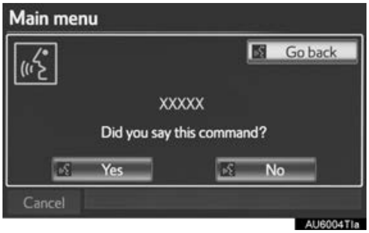
- "Play artist <name>" and "Play album <name>" are displayed in the "Main menu" screen.

2 Say ***"Play artist <name>"*** or ***"Play album <name>"***.

- Say the desired artist name or album name in the place of the "<>".
- A confirmation screen will be displayed showing the recognition results. If multiple matching items are found, a selection screen will be displayed.

> - When "Play artist <name>" is used to play music, the first track is selected randomly. For operations beyond playing music, refer to the "AUDIO/VIDEO SYSTEM" section of this manual.

3 Touch **"Yes"** or say ***"Yes"***.



XXXXX
Did you say this command?

- The system starts playing music.

INFORMATION

- A USB memory or iPod must be connected to enable track searching and playback. (See “USB MEMORY OPERATION” on page 221 and “iPod OPERATION” on page 226.)
- When a USB memory or iPod is connected, recognition data is created so tracks can be searched using speech commands.
- Recognition data is updated under the following conditions:
  - When the USB memory or iPod data has changed.
- While the recognition data is being created or being updated, a track search cannot be performed using a speech command.
- While “Play music” is displayed in the “Main menu” screen, say ***“Play music”*** to display the music screen from which searching for a track using a speech command can be performed.
- When “Play music” is dimmed in the “Main menu” screen, it is not possible to search for a track using a speech command. In this situation, reduce the amount of music data in the USB memory or iPod and update the recognition data to enable searching by speech command.
- When “Play artist <name>” is used to play music, the first track is selected randomly. For operations beyond playing music, refer to the “AUDIO/VIDEO SYSTEM” section of this manual.

2. COMMAND LIST

Recognizable speech commands and their actions are shown below.

- All commands are listed in the table.
- For devices that are not installed in the vehicle, the related commands will not be displayed in the "Main menu" screen. Also, according to conditions, other commands may not be displayed in the "Main menu" screen.
- The functions available may vary according to the navigation system installed.

Command	Action
"Call <name> <type>"	Calls made by saying a name from the phonebook. For example: Say ***"Call John Smith"***, ***"Call John Smith at Mobile"*** etc.
"Dial <number>"	Calls made by saying the telephone number. For example: Say ***"Dial 911"***, ***"Dial 3105550137"*** etc.
"Play artist <name>"	Plays tracks by the selected artist. For example: Say ***"Play artist <XXXXX>"****
"Play album <name>"	Plays tracks from the selected album. For example: Say ***"Play album <XXXXX>"****
"Go home"	Displays the route to home.

*: Say the desired artist name or album name in the place of the "<>".

8

INFORMATION

1 INFORMATION DISPLAY

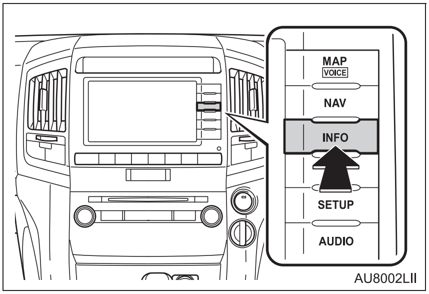
1. FUEL CONSUMPTION

FUEL CONSUMPTION

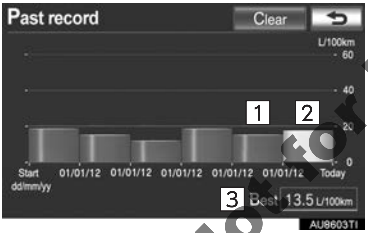
PAST RECORD

Fuel consumption information from recent resets can be displayed.

1 Press the **“INFO”** button.



2 This screen will be displayed.



No.	Function
1	Previous fuel economy record
2	Current fuel economy
3	Best recorded fuel economy

- The average fuel consumption history is divided by color into past averages and the average fuel consumption since the last update.
- When the average fuel consumption is being displayed on the multi-information display, update the average fuel consumption by pressing and holding the **“DISP”** switch on the steering wheel to measure the current fuel consumption again.
- Past record data can be deleted by touching **“Clear”**.

9

PERIPHERAL MONITORING SYSTEM

1 TOYOTA PARKING ASSIST MONITOR

1. TOYOTA PARKING ASSIST MONITOR

TOYOTA PARKING ASSIST MONITOR

The parking assist monitor assists the driver by displaying an image of the view behind the vehicle while backing up, for example while parking.

The parking assist monitor assists with the following 2 backing-up operations:

(1) Perpendicular parking (parking in a garage, etc.)

(2) Parallel parking (parking at the side of the road, etc.)

INFORMATION

- The screen illustrations used in this text are intended as examples, and may differ from the image that is actually displayed on the screen.

DRIVING PRECAUTIONS

The parking assist monitor is a supplemental device intended to assist the driver when backing up. When backing up, be sure to visually check all around the vehicle both directly and using the mirrors before proceeding. If you do not, you may hit another vehicle, and could possibly cause an accident.

Pay attention to the following precautions when using the parking assist monitor.

⚠ CAUTION

- Never depend on the parking assist monitor entirely when backing up. The image and the position of the guide lines displayed on the screen may differ from the actual state.
  Use caution, just as you would when backing up any vehicle.
- Be sure to back up slowly, depressing the brake pedal to control vehicle speed.
- If you seem likely to hit nearby vehicles, obstacles, people or mount the shoulder, depress the brake pedal to stop the vehicle, then disable the assist system by touch 🚗 on the screen to cancel the system.

CAUTION

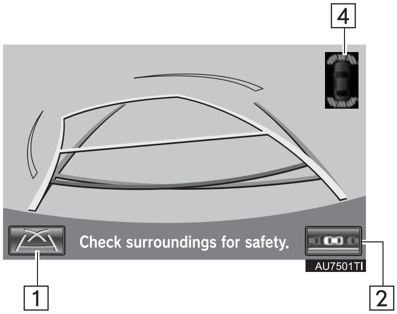
- The instructions given are only guidelines. When and how much to turn the steering wheel will vary according to traffic conditions, road surface conditions, vehicle condition, etc. when parking. It is necessary to be fully aware of this before using the parking assist system.
- When parking, be sure to check that the parking space will accommodate your vehicle before maneuvering into it.
- Do not use the parking assist monitor system in the following cases:
  - On icy or slick road surfaces, or in snow
  - When using tyre chains
  - When the back door is not closed completely
  - On roads that are not flat or straight, such as curves or slopes.
- In low temperatures, the screen may darken or the image may become faint. The image could distort when the vehicle is moving, or you may become unable to see the image on the screen. Be sure to visually check all around the vehicle both directly and using the mirrors before proceeding.
- If the tyre sizes are changed, the position of the guide lines displayed on the screen may change.
- The camera uses a special lens. The distances between objects and pedestrians that appear in the image displayed on the screen will differ from the actual distances. (See page 325.)

SCREEN DISPLAY

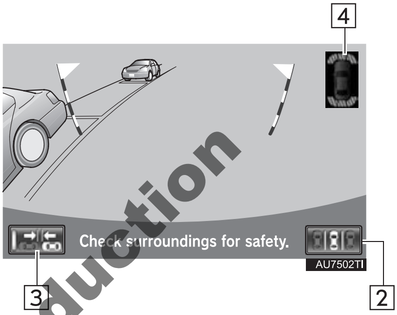
The parking assist monitor screen will be displayed if the shift lever is shifted to the “R” position while the “ENGINE START STOP” switch is in IGNITION ON mode.

- The parking assist monitor displays the last-used parking mode first.

▶Perpendicular parking



▶Parallel parking



No.	Display	Function
1	Display mode switch screen button	Switches the display mode.
2	Parking mode switch screen button	Switches the parking mode (between perpendicular parking and parallel parking assist screens)
3	Narrow mode screen on-off button	Switch the narrow mode on and off. (See page 311.)
4	Toyota parking assist-sensor	If an obstacle is detected while the Toyota parking assist-sensor is on, a display is shown in the top right corner of the screen.

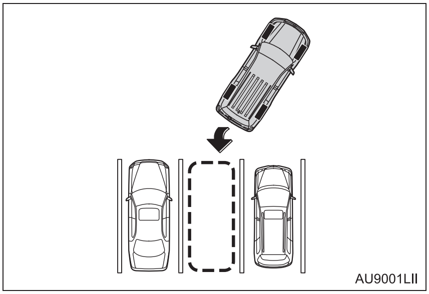
CANCELING TOYOTA PARKING ASSIST MONITOR

The parking assist monitor is canceled when the shift lever is shifted into any position other than the “R” position.

- When the shift lever is shifted to the “R” position and any mode button (such as **“MAP/VOICE”**) is pressed
  - ➡ The parking assist monitor is canceled, and the screen is switched to the mode of the button that was pressed.

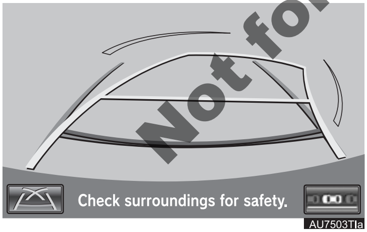
USING THE SYSTEM WHEN PERPENDICULAR PARKING

Use any of the following modes when perpendicular parking (for example, when parking in a garage).



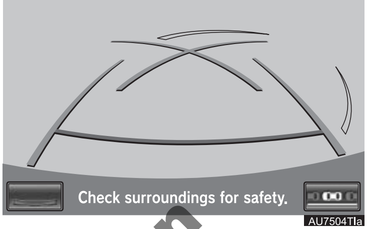
▶Estimated course line display mode (See page 312.)

Estimated course lines are displayed which move in accordance with the operation of the steering wheel.


Check surroundings for safety.

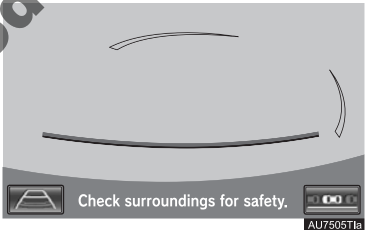
▶Parking assist guide line display mode (See page 314.)

The steering wheel return points (parking assist guide lines) are displayed.


Check surroundings for safety.

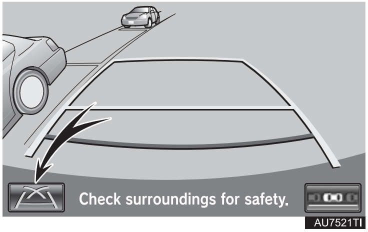
▶Distance guide line display mode

Distance guide lines only are displayed.

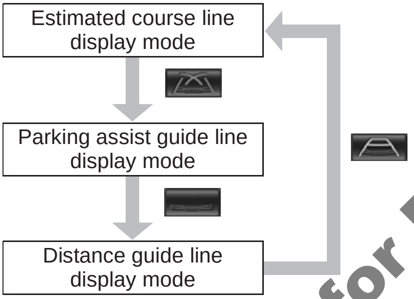

Check surroundings for safety.

SWITCHING THE DISPLAY MODE

1 Touch the display mode switch screen button.

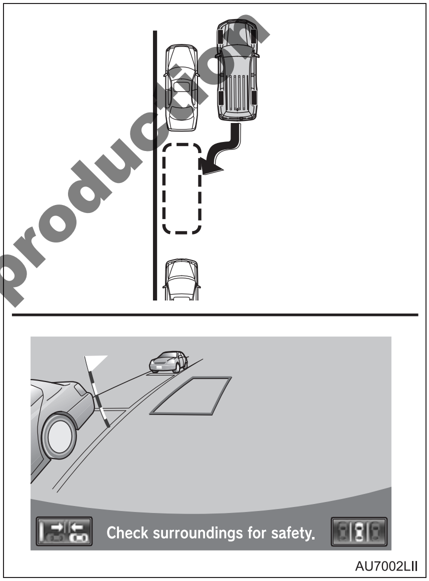


- With each touch, the perpendicular parking assist screen switches as follows:

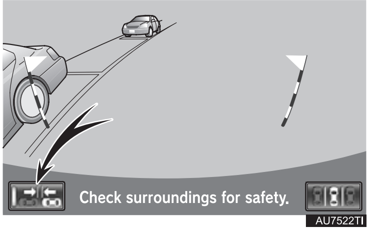

Estimated course line display mode
Parking assist guide line display mode
Distance guide line display mode

USING THE SYSTEM WHEN PARALLEL PARKING

Screen display and beep sounds provide an estimation of the point at which you should turn the steering wheel when parallel parking. If the position the vehicle is to be parked in is narrower than usual, narrow mode can be used.

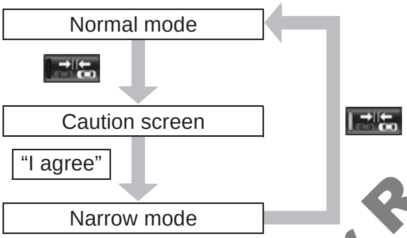


SWITCHING TO NARROW MODE

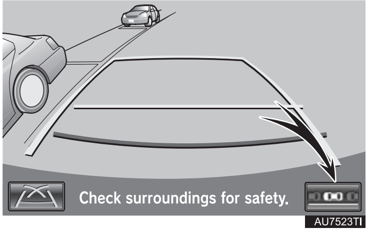

Check surroundings for safety.

1 Touch the narrow mode screen on-off button on the parallel parking assist.

- With each touch, the mode switches as follows:

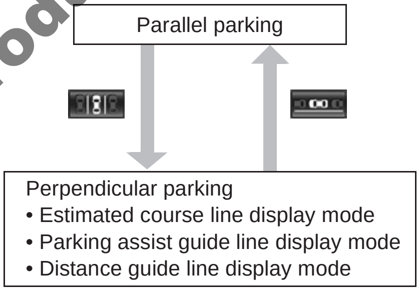


SWITCHING THE PARKING MODE SCREEN


Check surroundings for safety.

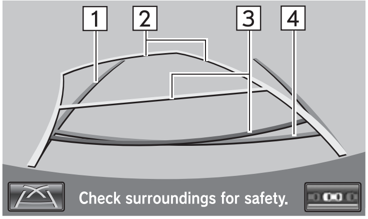
1 Touch the parking mode switch screen button.

- With each touch, the perpendicular parking and parallel parking assist screen switches as follows:


Parallel parking
Perpendicular parking
• Estimated course line display mode
• Parking assist guide line display mode
• Distance guide line display mode

2. PERPENDICULAR PARKING (ESTIMATED COURSE LINE DISPLAY MODE)

SCREEN DESCRIPTION



Check surroundings for safety.

No.	Display	Function
1	Vehicle width extension guide line	Displays a guide path when the vehicle is being backed straight up. • The displayed width is wider than the actual vehicle width. • These guide lines align with the estimated course lines when the vehicle is going straight ahead.
2	Estimated course line	Show a estimated course when the steering wheel is turned.
3	Distance guide lines	Show distance behind the vehicle when the steering wheel is turned. • The guide lines move in conjunction with the estimated course lines. • The guide lines display points approximately 0.5 m (red) and approximately 1 m (yellow) from the centre of the edge of the bumper.
4	Distance guide line	Shows distance behind the vehicle. • Displays a point approximately 0.5 m (blue) from the edge of the bumper.

CAUTION

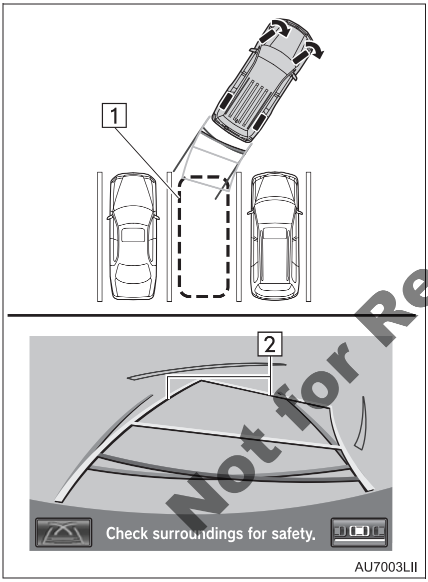
- If the steering wheel is straight and the vehicle width extension guide lines and the estimated course lines are not in alignment, have the vehicle inspected by your Toyota dealer.

PARKING

When parking in a space which is in the reverse direction to the space described in the procedure below, the steering directions will be reversed.

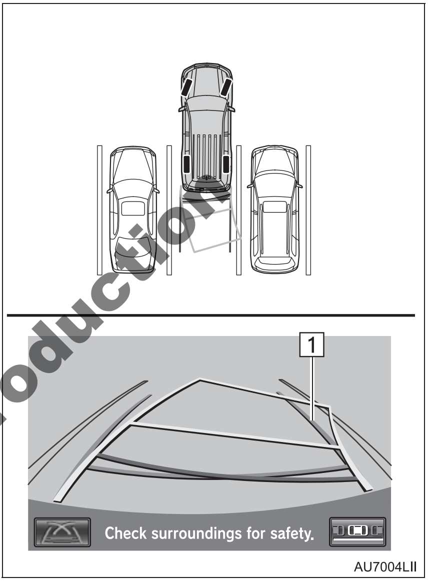
1 Shift the shift lever to the “R” position.

2 Turn the steering wheel so that the estimated course lines are within the parking space, and back up slowly.



▶ 1 Parking space
2 Estimated course lines

3 When the rear position of the vehicle has entered the parking space, turn the steering wheel so that the vehicle width extension guide lines are within the left and right dividing lines of the parking space.



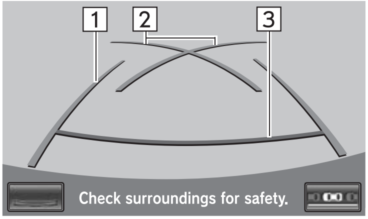
▶ 1 Vehicle width extension guide line

4 Once the vehicle width extension guide lines and the parking space lines are parallel, straighten the steering wheel and back up slowly until the vehicle has completely entered the parking space.

5 Stop the vehicle in an appropriate place, and finish parking.

3. PERPENDICULAR PARKING (PARKING ASSIST GUIDE LINE DISPLAY MODE)

SCREEN DESCRIPTION



AU7508TI

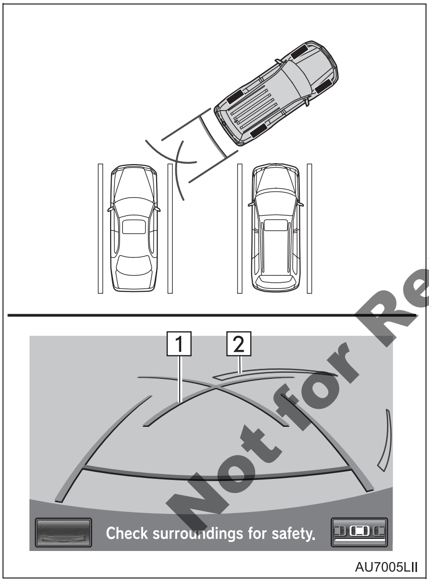
No.	Display	Function
1	Vehicle width extension guide line	Displays a guide path when the vehicle is being backed straight up. • The displayed width is wider than the actual vehicle width.
2	Parking assist guide lines	Show the path of the smallest turn possible behind the vehicle. • Show the approximate position of the steering wheel when parking.
3	Distance guide lines	Show distance behind the vehicle. • Display points approximately 0.5 m (red) from the edge of the bumper.

PARKING

When parking in a space which is in the reverse direction to the space described in the procedure below, the steering directions will be reversed.

1 Shift the shift lever to the “R” position.

2 Back up until the parking assist guide line meets the edge of the left-hand dividing line of the parking space.



▶ 1 Parking assist guide line
2 Parking space dividing line

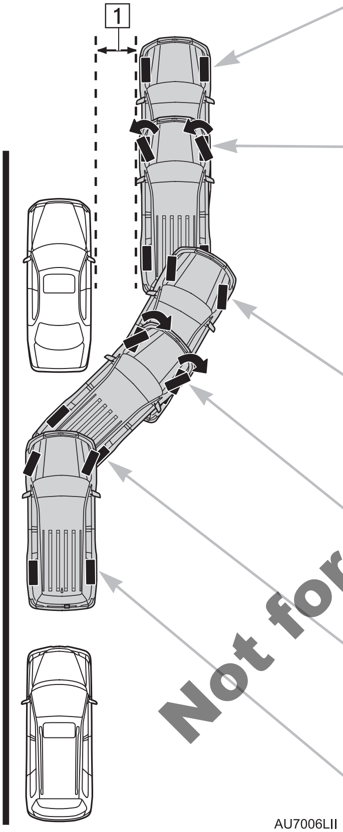
3 Turn the steering wheel all the way to the right, and back up slowly.

4 Once the vehicle is parallel with the parking space, straighten the steering wheel and back up slowly until the vehicle has completely entered the parking space.

5 Stop the vehicle in an appropriate place, and finish parking.

VEHICLE MOVEMENT PROCEDURE

<Vehicle movement> <Operation details>



Keeping parallel with the road, stop the vehicle leaving a gap of approximately 1 m between your vehicle and the parked vehicle.
[PARKING] : STEP 1

Back up until the black and yellow vertical pole just overlaps the rear end of the parked vehicle. Then stop the vehicle. **[PARKING] : STEP 4**

Leaving the vehicle stopped, move the steering wheel until the blue outline meets the desired parking space, and back up while keeping the steering wheel in that position. **[PARKING] : STEP 5**

A curved blue line is displayed. Keep the steering wheel in the same position and back up until the curved blue line meets the left corner of the parking space. **[PARKING] : STEP 7**

When it meets the left corner of the parking space, turn the steering wheel in the opposite direction as far as it will go. **[PARKING] : STEP 8**

Keeping the steering wheel in that position, check your surroundings visually and using mirrors, and back up using the distance guide lines etc. as a reference. **[PARKING] : STEP 9**

When the vehicle is approximately in the desired parking location, parallel parking assist is complete.
[PARKING] : STEP 10

▶ 1 Approx. 1 m

CAUTION

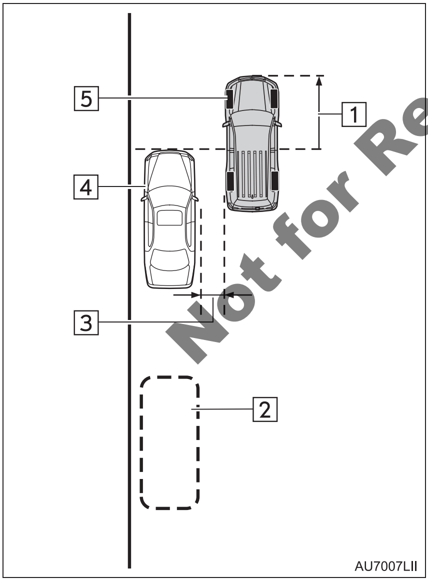
- Do not use the system if the display is incorrect due to an uneven (curvy/hilly) road or a non-straight road.
- Make sure to operate the steering wheel only when the vehicle is stopped.

PARKING

The following example describes the procedure for pulling into a parking space on the left. For pulling into a parking space on the right, substitute right for left and vice versa in all steps.

1 Stop the vehicle in the position as described below, and straighten the steering wheel.

- A position in which you are parallel with the road (or the side of the road), and in which there is approximately 1 m of space between your vehicle and the parked vehicle
- A position in which you are half a vehicle's length ahead of the parked vehicle



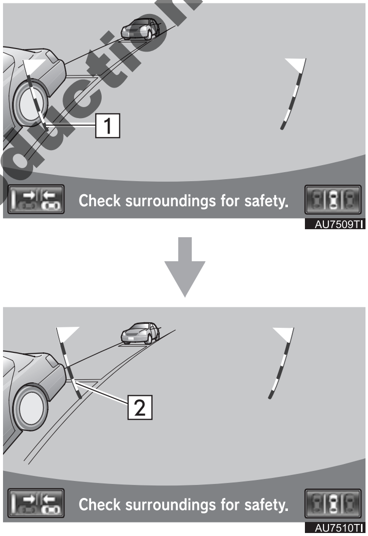
▶ 1 Roughly half a vehicle's length
2 Desired parking space
3 Approx. 1 m
4 Parked vehicle
5 Your vehicle

2 Shift the shift lever to the "R" position.

3 Make sure the monitor displays the part behind the rear tyres of the parked vehicle, and touch .

- If the area is not displayed, move the vehicle to forward.

4 With the steering wheel straight, back up slowly to a position at which the black and yellow vertical pole just overlaps the rear end of the parked vehicle. Then stop the vehicle.

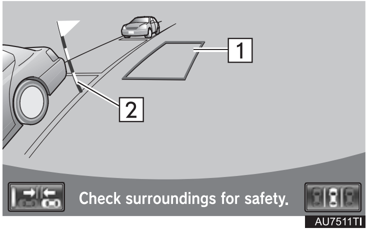

Check surroundings for safety.

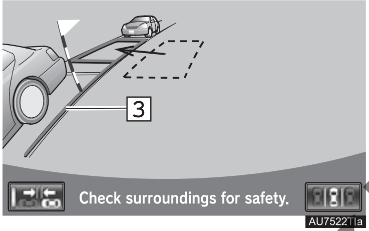
Check surroundings for safety.

▶ 1 Black and yellow vertical pole
2 Back the vehicle up to here

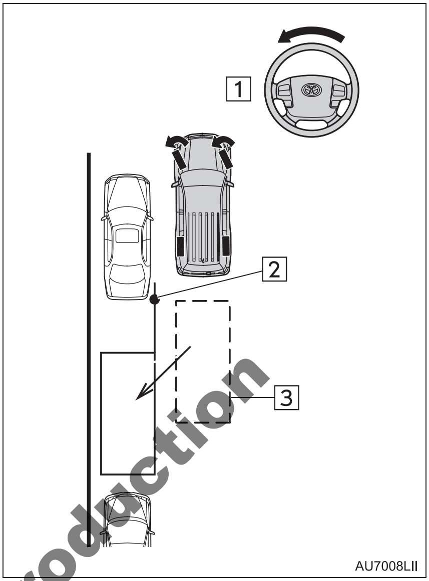
5 Turn the steering wheel with the vehicle stopped until the blue outline meets the desired parking space.

- If the extended line from the blue outline is displayed, the parallel parking assist is operational.


Check surroundings for safety.


Check surroundings for safety.

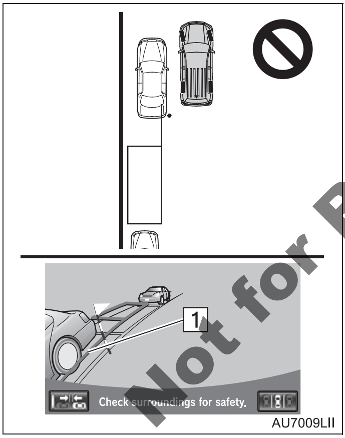
▶ 1 Blue outline
2 Black and yellow vertical pole
3 Extended line



▶ 1 Turn the steering wheel left
2 Black and yellow vertical pole
3 Blue outline

⚠ CAUTION

- ● Be sure to check that there are no obstacles inside the blue outline.
  If there are any obstacles inside the blue outline, do not use the parallel parking assist.
- ● When positioning the blue outline over the parking space, be sure to position it so that the extended blue line may not cross the tyre of the vehicle parked in front of the empty space.
- ● If the extended line of the blue outline is crossing the parked vehicle, your vehicle may be too close. Check that there is a gap of approximately 1 m between your vehicle and the parked vehicle.

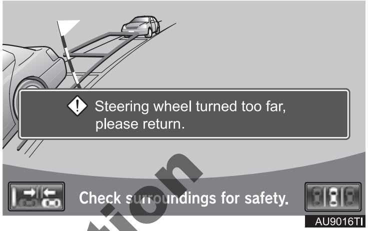


Check surroundings for safety.

▶ 1 Extended line overlapping wheel

6 Keep the steering wheel in its current position and backing up.

- ● The parallel parking assist will be canceled if the steering wheel is moved while backing up. Shift the shift lever out of the “R” position, and restart from the procedure “1”.



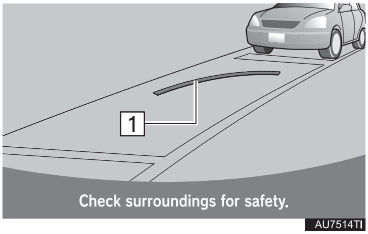
Steering wheel turned too far, please return.

Check surroundings for safety.

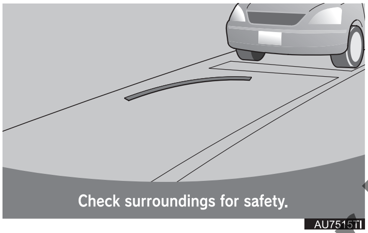
⚠ NOTICE

- ● When backing up, be careful not to hit any obstacles with your vehicle. Back the vehicle up slowly.

7 A curved blue line will appear on the screen. Keep the steering wheel in its current position and back up slowly. Stop when the curved blue line meets the corner of the desired parking space.

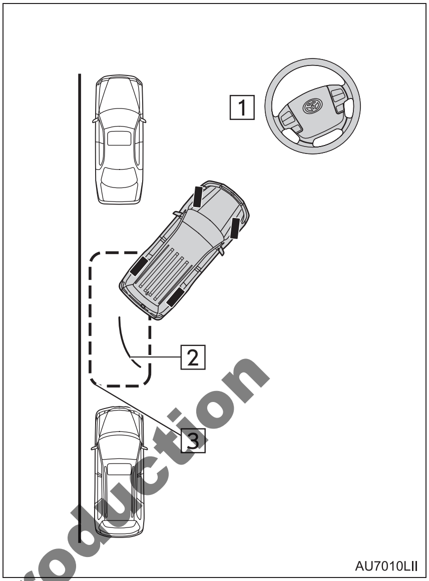


Check surroundings for safety.



Check surroundings for safety.

▶ 1 Curved blue line



▶ 1 Back up keeping the steering wheel in its current position
2 Curved blue line
3 Curved blue line meets the corner here

- If you back up too quickly, you may lose synchronization with the parallel parking assist.

8 Leaving the vehicle stopped, turn the steering wheel all the way to the right.

- Be sure to turn the steering wheel only when the vehicle is stopped.

9 When the screen changes, keep the steering wheel in its current position and back up.

⚠ NOTICE

- When backing up, be careful not to hit any obstacles with your vehicle. Back the vehicle up slowly.

10 When the vehicle is parallel with the road or the shoulder, straighten the steering wheel.

Check your surroundings visually and with the mirrors, then back up using the distance guide lines as a reference, and stop.

- When the vehicle is approximately in the desired parking location, the parallel parking assist is complete.

INFORMATION

- There is a possibility that parallel parking guidance may not be given when backing up at a very slow speed.
- If the back door is opened, the parallel parking assist will be discontinued halfway.

CANCELING PARALLEL PARKING ASSIST

1 Touch ▣.

VEHICLES EQUIPPED WITH TOYOTA PARKING ASSIST-SENSOR

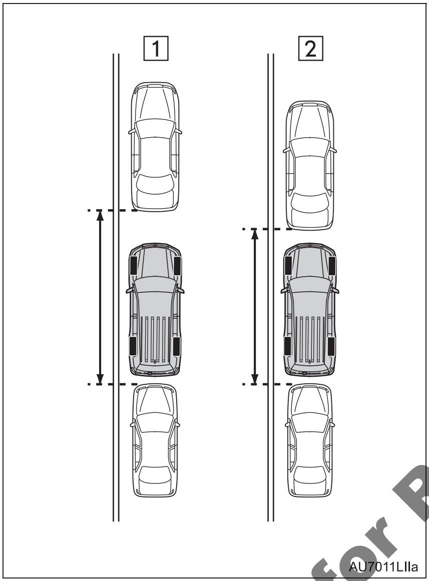
- If the Toyota parking assist-sensor detects an object while you attempt to park in a parking space on the left, the black and yellow vertical pole could be obscured by the Toyota parking assist-sensor display. In this event, turn the Toyota parking assist-sensor switch off (For details, refer to “Owner’s Manual”.), and operate the vehicle while checking the safety of the surrounding area direct visually and with mirror. After the operation, turn the switch on.

IF THE MESSAGE “Steering wheel turned too far, please return.” IS DISPLAYED

- The steering wheel has been turned too far, and the system cannot function. Return the steering wheel to its original position.
- If the message is displayed before the outline is positioned over the desired parking space, it is likely that the vehicle is too far away from the shoulder. Check that there is a gap of approximately 1 m between your vehicle and the parked vehicle.

NARROW MODE

If the position the vehicle is to be parked in is narrower than usual, narrow mode can be used.

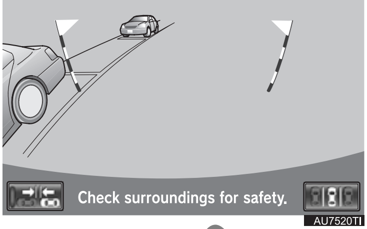


▶ 1 Normal mode
2 Narrow mode

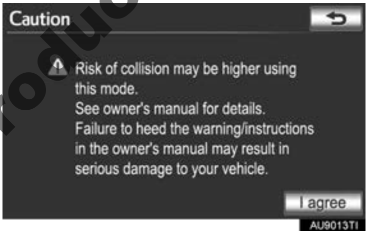
- If the “ENGINE START STOP” switch is turned off when the parking assist monitor is canceled with narrow mode, the caution screen is displayed first when the parallel parking assist is selected next time.

OPERATING NARROW MODE

1 Touch while in parallel parking assist mode.



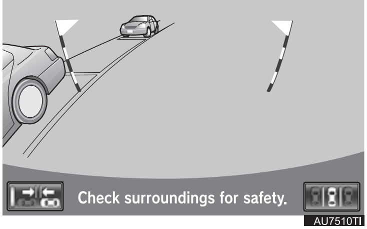
2 Confirm the warning on the caution screen. If you agree, touch **“I agree”**. To cancel narrow mode, touch .


Caution

Risk of collision may be higher using this mode.
See owner's manual for details.
Failure to heed the warning/instructions in the owner's manual may result in serious damage to your vehicle.

I agree

3 When the system is in narrow mode, the indicator on will be turned on.

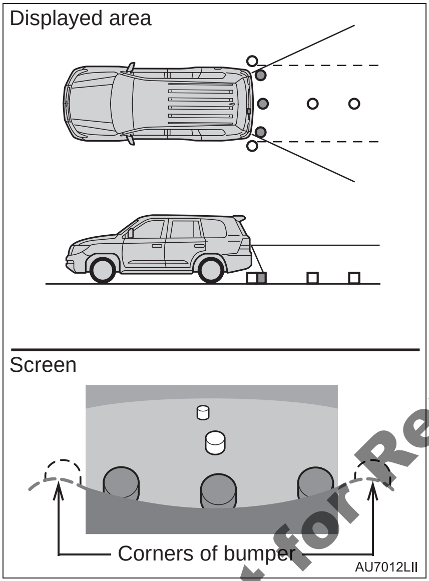


- Touch again to switch the system to the normal mode.

5. TOYOTA PARKING ASSIST MONITOR PRECAUTIONS

AREA DISPLAYED ON SCREEN

The parking assist monitor displays an image of the view from the bumper of the rear area of the vehicle.



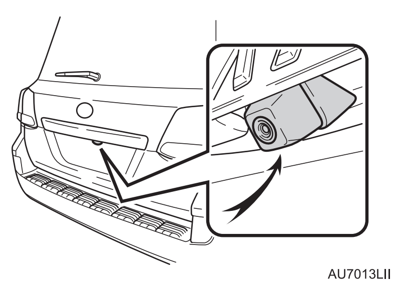
- The image adjustment procedure for the parking assist monitor screen is the same as the procedure for adjusting the navigation screen. (See page 31.)

INFORMATION

- The area displayed on the screen may vary according to vehicle orientation conditions.
- Objects which are close to either corner of the bumper or under the bumper cannot be displayed.
- The camera uses a special lens. The distance of the image that appears on the screen differs from the actual distance.
- Items which are located higher than the camera may not be displayed on the monitor.

THE CAMERA

The camera for the parking assist monitor is located as shown in the illustration.



USING THE CAMERA

If the camera lens becomes dirty, it cannot transmit a clear image. If water droplets, snow or mud adhere to the lens, rinse with water and wipe with a soft cloth. If the lens is extremely dirty, wash it with a mild cleanser and rinse.

NOTICE

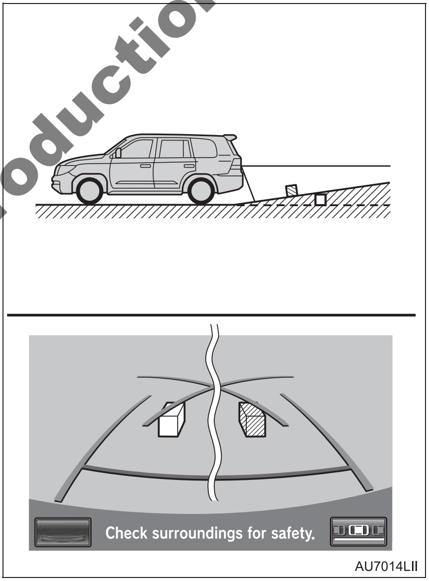
- The parking assist monitor may not operate properly in the following cases.
  - If the back of the vehicle is hit, the position and mounting angle of the camera may change.
  - As the camera has a water proof construction, do not detach, disassemble or modify it. This may cause incorrect operation.
  - Do not strongly rub the camera lens. If the camera lens is scratched, it cannot transmit a clear image.
  - Do not allow organic solvent, car wax, window cleaner or glass coat to adhere to the camera. If this happens, wipe it off as soon as possible.
  - If the temperature changes rapidly, such as when hot water is poured on the vehicle in cold weather, the system may not operate normally.
  - When washing the vehicle, do not apply intensive bursts of water to the camera or camera area. Doing so may result in the camera malfunctioning.
- Do not expose the camera to strong impact as this could cause a malfunction. If this happens, have the vehicle inspected by your Toyota dealer as soon as possible.

DIFFERENCES BETWEEN THE SCREEN AND THE ACTUAL ROAD

- The distance guide lines and the vehicle width extension guide lines may not actually be parallel with the dividing lines of the parking space, even when they appear to be so. Be sure to check visually.
- The distances between the vehicle width extension guide lines and the left and right dividing lines of the parking space may not be equal, even when they appear to be so. Be sure to check visually.
- The distance guide lines give a distance guide for flat road surfaces. In any of the following situations, there is a margin of error between the guide lines on the screen and the actual distance /course on the road.

WHEN THE GROUND BEHIND THE VEHICLE SLOPES UP SHARPLY

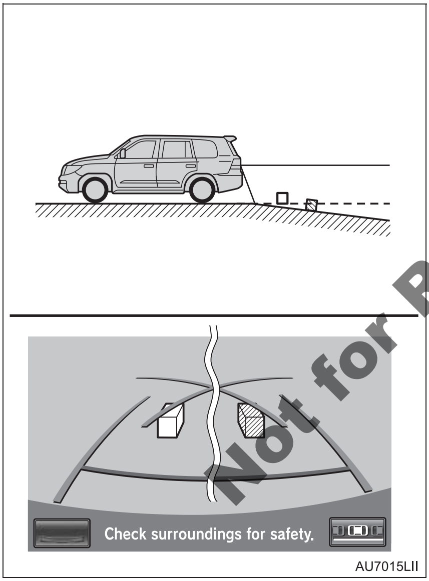
The distance guide lines will appear to be closer to the vehicle than the actual distance. Because of this, objects will appear to be farther away than they actually are. In the same way, there will be a margin of error between the guidelines and the actual distance/course on the road.



Check surroundings for safety.

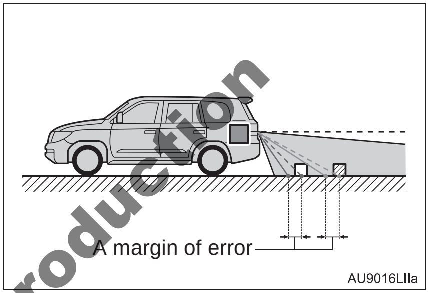
WHEN THE GROUND BEHIND THE VEHICLE SLOPES DOWN SHARPLY

The distance guide lines will appear to be further from the vehicle than the actual distance. Because of this, objects will appear to be closer than they actually are. In the same way, there will be a margin of error between the guidelines and the actual distance/course on the road.



WHEN ANY PART OF THE VEHICLE SAGS

When any part of the vehicle sags due to the number of passengers or the distribution of the load, there is a margin of error between the guide lines on the screen and the actual distance/course on the road.

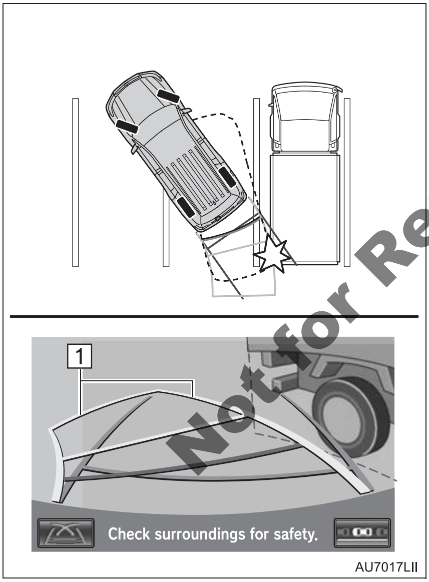


WHEN APPROACHING THREE-DIMENSIONAL OBJECTS

The estimated course lines target a flat surfaced objects (such as the road). It is not possible to determine the position of three-dimensional objects (such as vehicles) using the estimated course lines and distance guide lines. When approaching a three-dimensional object that extends outward (such as the flatbed of a truck), be careful of the following.

ESTIMATED COURSE LINES

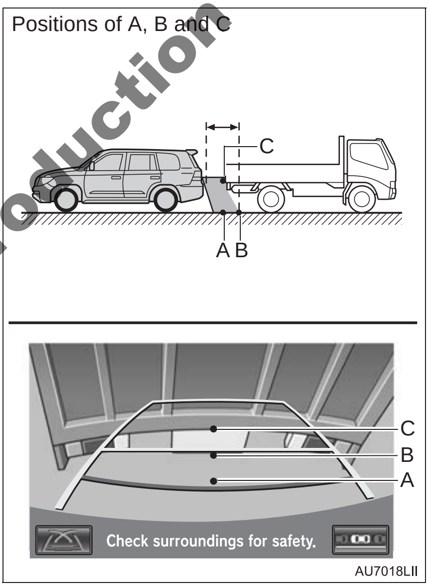
Visually check the surroundings and the area behind the vehicle. In the case shown below, the truck appears to be outside of the estimated course lines and the vehicle does not look as if it hits the truck. However, the rear body of the truck may actually cross over the estimated course lines. In reality if you back up as guided by the estimated course lines, the vehicle may hit the truck.



▶ 1 Estimated course lines

DISTANCE GUIDE LINES

Visually check the surroundings and the area behind the vehicle. On the screen, it appears that a truck is parking at point B. However, in reality if you back up to point A, you will hit the truck. On the screen, it appears that A is closest and C is furthest away. However, in reality, the distance to A and C is the same, and B is farther than A and C.

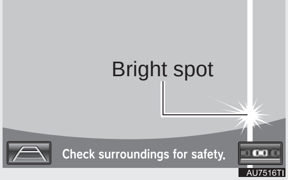


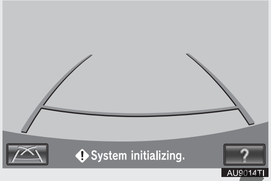
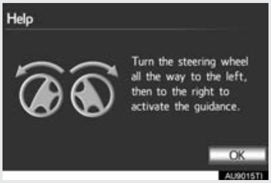
6. THINGS YOU SHOULD KNOW

IF YOU NOTICE ANY SYMPTOMS

If you notice any of the following symptoms, refer to the likely cause and the solution, and re-check.

If the symptom is not resolved by the solution, have the vehicle inspected by your Toyota dealer.

Symptom	Likely cause	Solution
The image is difficult to see	• The vehicle is in a dark area • The temperature around the lens is either high or low • The outside temperature is low • There are water droplets on the camera • It is raining or humid • Foreign matter (mud etc.) is adhering to the camera • Sunlight or headlights are shining directly into the camera • The vehicle is under fluorescent lights, sodium lights, mercury lights etc.	Back up while visually checking the vehicle's surroundings. (Use the monitor again once conditions have been improved.) The procedure for adjusting the picture quality of the parking assist monitor is the same as the procedure for adjusting the navigation screen. (See page 31.)
The image is blurry	Dirt or foreign matter (such as water droplets, snow, mud etc.) is adhering to the camera.	Rinse the camera lens with water and wipe it clean with a soft cloth. Wash with a mild soap if the dirt is stubborn.
A vertical white streak is on the screen	When a bright spot (such as sunlight reflecting off the body of another vehicle) is received by the camera, a vertical streak may be left above and below the bright spot (smear effect). 	Back up while visually checking the vehicle's surroundings. (Use the monitor again once conditions have been improved.)
The image is out of alignment	The camera or surrounding area has received a strong impact.	Have the vehicle inspected by your Toyota dealer.

Symptom	Likely cause	Solution
The guide lines are very far out of alignment	The camera position is out of alignment.	Have the vehicle inspected by your Toyota dealer.
	• The vehicle is tilted (there is a heavy load on the vehicle, tyre pressure is low due to a tyre puncture, etc.) • The vehicle is used on an incline.	If this happens due to these causes, it does not indicate a malfunction. Back up while visually checking the vehicle's surroundings.
The estimated course lines move even though the steering wheel is straight	There is a malfunction in the signals being output by the steering sensor.	Have the vehicle inspected by your Toyota dealer.
Guide lines are not displayed	The back door is open.	Close the back door. If this does not resolve the symptom, have the vehicle inspected by your Toyota dealer.
"System initializing." is displayed 	• The battery has been reinstalled. • The steering wheel has been moved while the battery was being reinstalled. • Battery power is low. • The steering sensor has been reinstalled. • There is a malfunction in the signals being output by the steering sensor.	Stop the vehicle, and turn the steering wheel as far as it will go to the left and right. If this does not resolve the symptom, have the vehicle inspected by your Toyota dealer. • On the system initialization screen, touch the **"?"** button to display the operating procedure.  Turn the steering wheel all the way to the left, then to the right to activate the guidance.

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