Introduction

Thank you for your purchase of the Navigation System. Please read this manual carefully to ensure proper use. Keep this manual in your vehicle at all times.

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. Map database is made based on AISIN AW maps, whose information source comes from NAVTEQ 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 about 40 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, 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.

⚠ Order map update directly from
www.toyota-mapupdates.eu

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 the satellite condition, road configuration, vehicle condition or other circumstances. For more information on the limitations of the system, refer to pages 248 through 249.

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.

INFORMATION

This provides additional information.

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Safety Instruction

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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.

⚠ CAUTION

- **Exercise extreme caution if operating the navigation system while driving. Insufficient attention to the road, traffic or weather conditions 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 provide wrong 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 vehicle 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 instruction 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/provinces may have laws prohibiting the use of video and navigation screens next to the driver.

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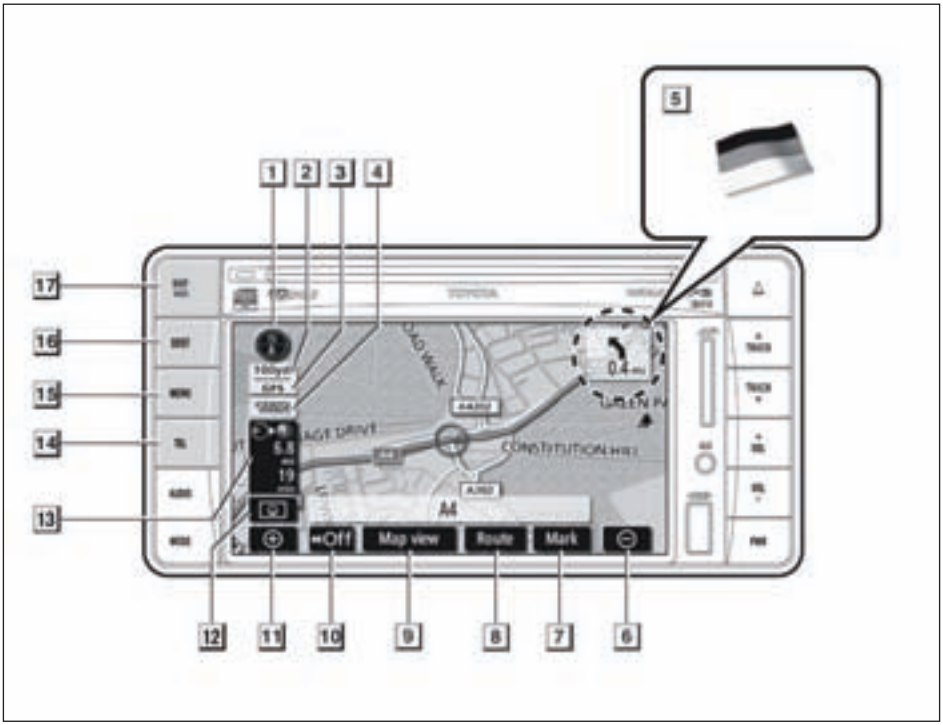
— Quick reference



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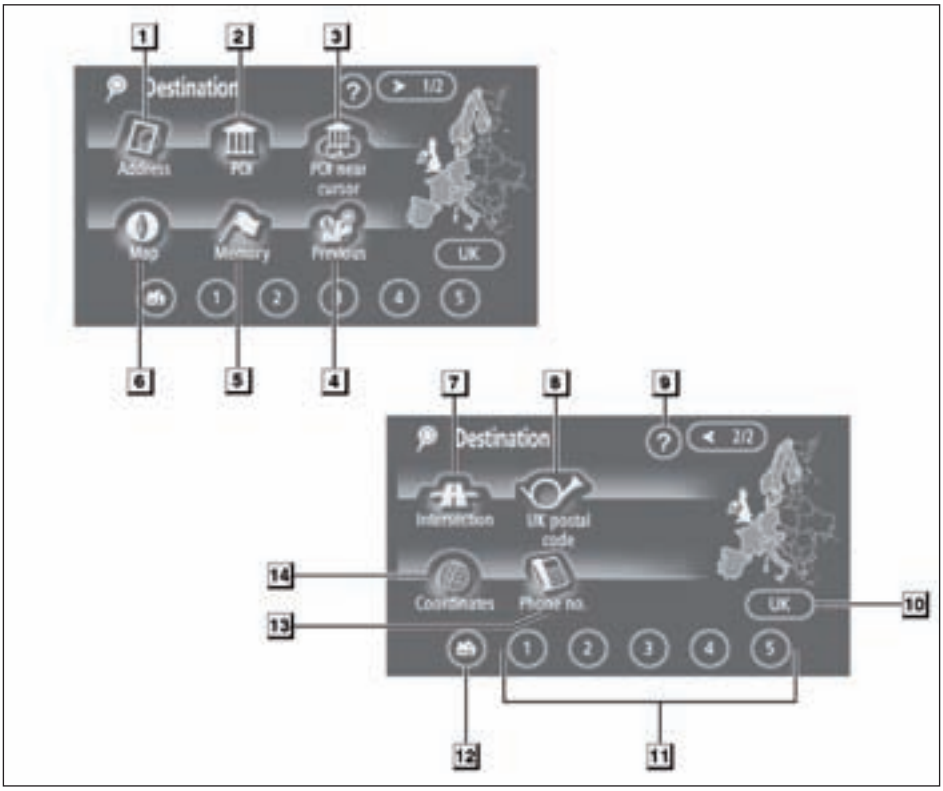
— “Destination” screen

The “Destination” screen allows you to search for a destination. To display the “Destination” screen, push the **“DEST”** button.



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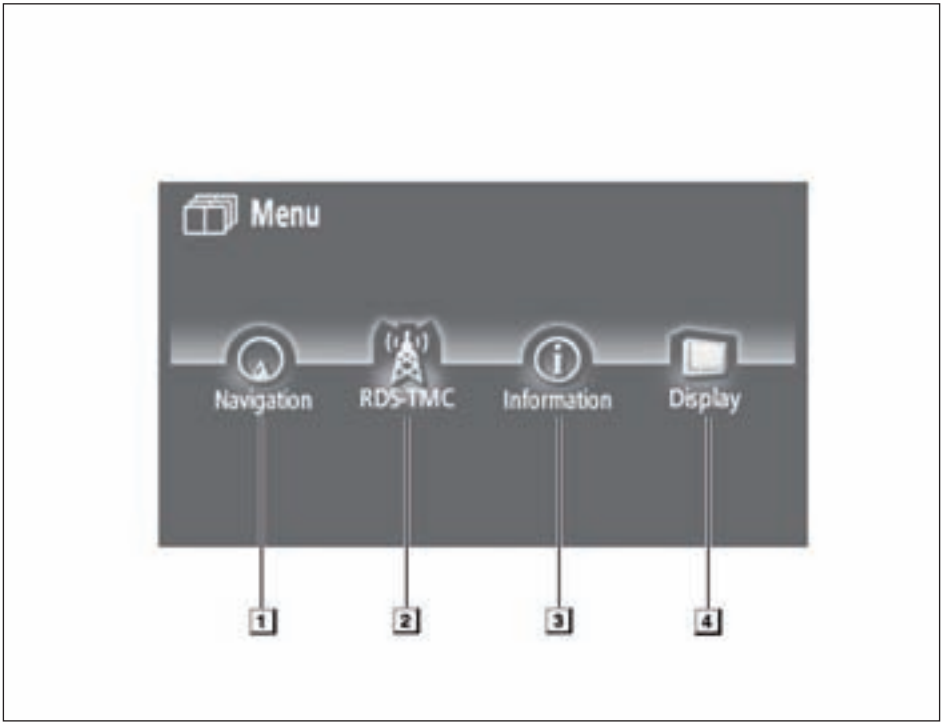

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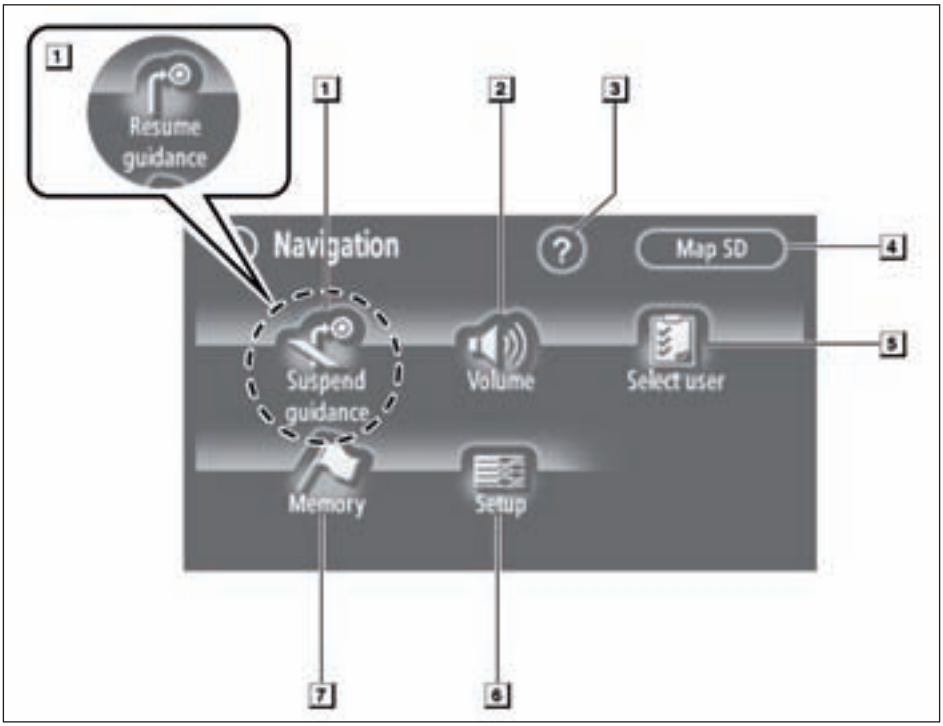
— “Navigation” screen

The “Navigation” screen allows effective use of the navigation system. To display the “Navigation” screen, push the **“MENU”** button and touch **“Navigation”**.



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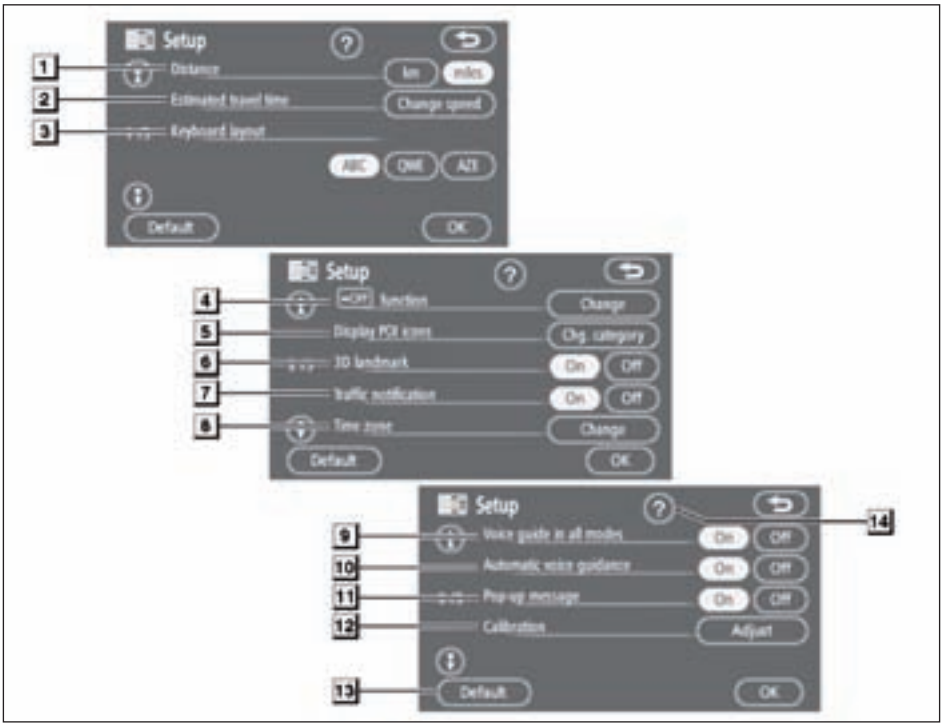

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Section 1

BASIC FUNCTIONS

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Initial screen

1E5001G

Vehicles with smart entry and start system—

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

Vehicles without smart entry and start system—

When the engine switch is in ACC or ON position, the initial screen will be displayed and the system will begin operating.

⚠ CAUTION

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

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

E1001GS

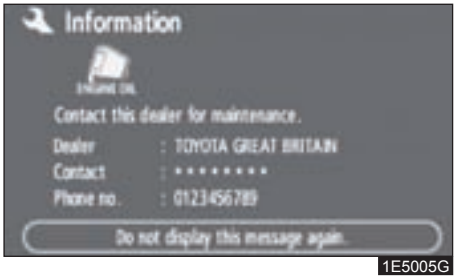
Read and follow the instructions.

When “Show map” is touched on the screen, the map screen will be displayed.

- **Maintenance information**

This system informs about 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 is in operation.



1E5005G

To disable this screen, touch “Do not display this message again.”. This screen goes off if the screen is not operated for several seconds.

To prevent this information screen from being displayed again, touch **“Do not display this message again.”**.

To register “Maintenance information”, see “Maintenance information” on page 120.

- **Memo information**

This system notifies about a memo entry. At the specified date, the memo information will be displayed when the navigation system is in operation. The memo information screen will be displayed every time the system is turned on.

The memo of the current date can be viewed by touching "Memo". (See " — Editing a memo" on page 127.)

To disable this screen, touch "Do not redisplay this message". This screen goes off if the screen is not operated for several seconds.

To prevent this information screen from being displayed again, touch **"Do not redisplay this message"**.

To register a memo information, see "Calendar with memo" on page 124.

Touch screen operation

This system is operated mainly by the touch-screen buttons on the screen.

To prevent damage to the screen, lightly touch buttons on the screen with the finger. When a button on the screen is touched, a beep sounds.

Do not use objects other than your finger to touch the screen.

INFORMATION

- ***If the system does not respond to a touch on a touch-screen button, move the finger away from the screen and then touch it again.***
- ***Dimmed touch-screen buttons cannot be operated.***
- ***Wipe off fingerprints using a glass cleaning cloth. Do not use chemical cleaners to clean the touch screen.***
- ***The displayed image may become darker and moving images may be slightly distorted when the display is cold.***
- ***Under extremely cold conditions, the map may not be displayed and the data input by a user may be deleted. Also, the touch-screen buttons may be harder than usual to depress.***
- ***When you look at the screen through polarized material such as polarized sunglasses, the screen may be dark and hard to see. If so, adjust the screen settings on the "Display" screen or take off your sunglasses.***

Inputting letters and numbers/List screen operation

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

INFORMATION
Keyboard layout can be changed. (See page 103)

- **To input letters**

To display the alphabet keys, touch **"A-Z"** or **"À-Ý"**.

Enter letters by touching the alphabet keys directly.

: Touching this button erases one letter. By holding this button, letters will continue to be erase.

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

: To enter in lower case.

1E5008G

: To enter in upper case.

- **To input numbers and symbols**

To display the number keys and symbol keys, touch **"0-9"**.

1E5009G

Enter numbers and symbols by touching the number keys and symbol keys directly.

←: Touching this button erases one letter. By holding this button, letters will continue to be erased.

> 1/2 / < 2/2: Touching this button displays other symbols.

- **To display the list**

To search for an address or a name, touch **"List"**. Matching items from the database are listed even if the entered address or name is incomplete.

If the number of matches is four or less, the list is displayed without touching **"List"**.

INFORMATION
The number of matching items is shown to the right side of the screen. If the number of matching items is more than 9,999, the system displays "*" on the screen.***

- **List screen operation**

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

To shift to the next or previous page.

To scroll up or down one item at a time.

This expresses a displayed screen position.

If ▶ appears to the right of the item name, the complete name is too long for the display. Touch ▶ to scroll to the next section 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.

TYPE A

1. Touch “Sort by”.

2. Select the desired sorting criteria.

Sorting criteria are as follows:

“Distance”: To sort in the order of distance from your current location.

“Date”: To sort in the order of the date.

“Category”: To sort in the order of the category.

“Icon”: To sort in the order of the icons.

“Name”: To sort in the order by name.

“Attribute”: To sort in the order by attribute.

TYPE B

1E5013G

"Dist. sort": To sort in the order of distance from the current vehicle location. The distance from current vehicle position up to the destination is displayed to the right of the name.

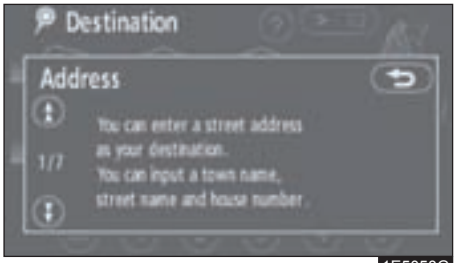
"Name sort": To sort in alphabetical order by name.

Function help

Explanations for the functions of the "Destination", "Setup" and "Navigation" screens can be viewed.

1E5057G

Touch ?.



1E5058G

: To view the previous page.

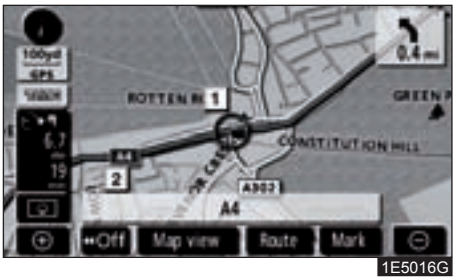
:To view the next page.

: To return to the previous screen.

Map screen operation — — Current position display

When starting the navigation system, the current position is displayed first.

This screen displays the current vehicle position and a map of the surrounding local area.



The current vehicle 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).

You can return to this map screen that shows your current position at any time from any screen by pushing the **"MAP/ VOICE"** button.

While driving, the current vehicle 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.

INFORMATION

- ***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.***
- ***To correct the current position manually, see page 109.***

— Screen scroll operation (one−touch scroll)

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 of the vehicle.

If the finger is continuously held on the screen, the map will continue scrolling in that direction until the 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 vehicle position mark will continue to move along your actual route and may move off the screen. When the **"MAP/ VOICE"** button is pushed, the current vehicle position mark returns to the centre of the screen and the map moves as the vehicle proceeds along the designated route.

INFORMATION

When the one-touch scroll feature is used, the current vehicle position mark may disappear from the screen. Move the map with a one-touch scroll again or push the "MAP/VOICE" button to return to the current vehicle position map location display.

- **To set the cursor position as a destination**

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

1E5018G

Touch "Enter ⊙".

The screen changes and displays the map location of the selected destination and the road preference. (See "Starting route guidance" on page 59.)

- **To register the cursor position as a memory point**

Memory point registration enables easy access to a specific point.

1E5018G

Touch "Mark".

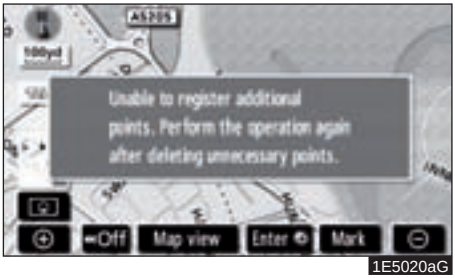
When you touch **"Mark"**, the following screen appears for a few seconds, and then the map screen returns.

1E5019G

The registered point is shown by on the map.

To change the icon or name, etc., see " — Editing memory points" on page 90.

Up to 106 memory points can be registered. If there is an attempt to register more than 106, a message appears for confirmation.



1E5020aG

- **To see information about the icon where the cursor is set**

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

1E5021G

POI INFORMATION

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

1E5021G

Touch "Info.".

1E5022G

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

If **"Enter ⊙"** is touched, the position of the cursor is set as a destination.

If there is already a set destination, **"Add to ⊙"** and **"Replace ⊙"** are displayed.

"Add to ⊙": To add a destination.

"Replace ⊙": To delete the existing destinations and set a new one.

To register this POI as a memory point, touch **"Mark"**. (See " — Registering memory points" on page 89.)

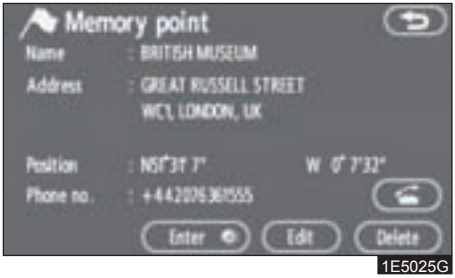
If is touched, the registered telephone number can be called.

INFORMATION
The desired Point of Interest can be displayed on the map screen. (See "— Display POI icons" on page 76.)

MEMORY POINT INFORMATION

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

Touch "Info.".



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

If **"Enter ⊙"** is touched, the position of the cursor is set as a destination.

If there is already a set destination, **"Add to ⊙"** and **"Replace ⊙"** are displayed.

"Add to ⊙": To add a destination.

"Replace ⊙": To delete the existing destinations and set a new one.

To edit a memory point, touch **"Edit"**. (See " — Editing memory points" on page 90.)

To delete a memory point, touch **"Delete"**.

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

DESTINATION INFORMATION

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

Touch "Info.".

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

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

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

— Switching the screens

Any one of the screen configurations can be selected.

1E5029G

1. Touch this button to display the following screen.

1E5030G

2. To select the desired screen configuration, touch one of the following buttons.

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

- : To display the single map screen. (See page 34.)
- : To display the dual map screen. (See page 34.)
- : To display the compass mode screen. (See page 35.)
- : To display the turn list screen. (See page 66.)
- : To display the arrow screen. (See page 66.)
- : To display the motorway information screen. (See page 64.)
- : To display the intersection guidance screen and the guidance screen on the motorway. (See page 65.)

- **Screen configurations**

SINGLE MAP

This is a regular map screen.

While on a different screen, touching will display the single map screen.

1E5031G

The screen shows the single map.

DUAL MAP

A map can be displayed split in two.

While on a different screen, touching will display the dual map screen.

1E5032G

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

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

1E5033G

This screen can perform the following procedures.

1. Changing the map scale
2. Displaying the POI icons
3. Show RDS-TMC info. (See page 111.)
4. Changing the orientation of the map

Touch "OK" when you complete editing.

The screen returns to the dual map screen.

COMPASS MODE

Current vehicle position is indicated with a compass, not with a map.

While on a different screen, touching will display the compass mode screen.

1E5034G

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

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 your vehicle is headed in the direction of the destination.

INFORMATION
When the vehicle travels out of the coverage area, the guidance screen changes to the compass mode screen.

— Map scale

1E5035G

Touch or to change the scale of the map display. The scale bar and indicator at the bottom of the screen indicates the map scale menu. The scale range is 50 m (50 yards) to 500 km (300 miles).

Touch or until the scale bar changes normally. By continuing to touch the button, the scale bar changes smoothly.

The scale of the map display can be changed by touching the scale bar directly.

If appears, you can change the map scale to display the entire route to the next destination by touching this button.

The map scale is displayed under the North−up symbol or Heading−up symbol at the top left of the screen.

INFORMATION
When the map scale is at the maximum range of 500 km (300 miles), is not shown. When the map scale is at theminimum range of 50 m (50 yards), is not shown.

— Orientation of the map

1E5036G

▶ **North−up screen**

1E5037G

▶ **Heading−up screen**

The orientation of the map can be changed from North−upto Heading−upby touching the orientation symbol at the top left of the screen.

North−up symbol

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

Heading−up symbol

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

Example of navigation system operation — — Guiding the route

Guidance to a destination occurs by specifying the destination using the “POI”.

1. Push the “DEST” button.

1E5059G

2. Touch “POI”.

INFORMATION
There are 13 different methods to search destinations. (See “Destination search” on page 42.)

1E5039G

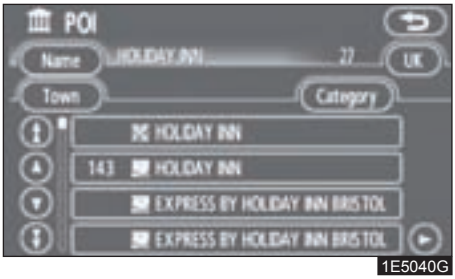
3. Enter the name of the destination.

Every touch on a letter key narrows the selection.

Letters that cannot be selected in the database are dimmed out.

When there are four or fewer database items, these items are displayed in a list.

Even if the entered name is incomplete, touching **"List"** displays the list.



1E5040G

4. Select the destination from the displayed list.

1E5052G

5. Touch "Enter".

The system starts route search and displays recommended routes.

6. Touch “Guide”.

Route guidance starts.

Guidance is done by both the screen and voice. (See “Route guidance screen” and “Typical voice guidance prompts” on pages 64 and 67.)

INFORMATION
It is possible to change the route. (See “Starting route guidance” on page 59.)

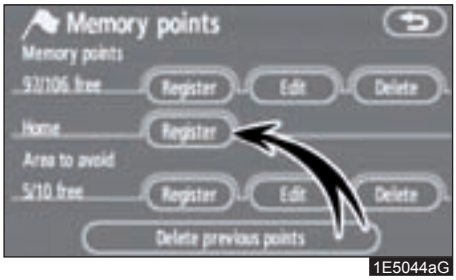
— Registering home

The home button on the “Destination” screen can be used if your home has been registered. (See “ — Destination search by Home” on page 44.)

1. Push the “MENU” button.

2. Touch “Navigation”.

3. Touch “Memory”.



4. Touch “Register”.

5. Touch “Address”.

6. Select the town name.

To select town name, see “— Destination search by “Address”” on page 45.

7. Enter the street name.

Every touch on a letter key narrows the selection.

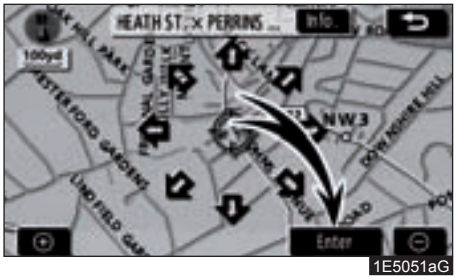
Letters that cannot be selected in the database are dimmed out.

When there are four or fewer database items, these items are displayed in a list.

Even if the entered name is incomplete, touching **“List”** displays the list.

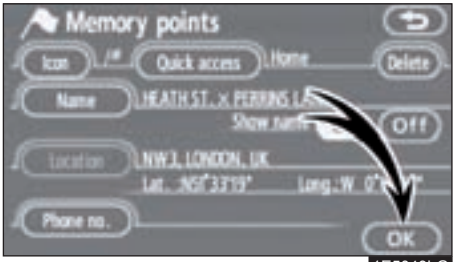
8. Select the street name from the displayed list.

9. Enter the house number.



10. Touch “Enter”.

Registration of home is complete and the “Memory points” screen is displayed.



Registered “Home” information will be displayed.

The icon, quick access, name, location, and phone number can be changed. (See “ — Editing memory points” on page 90.)

Section 2

DESTINATION SEARCH

- **Destination search** 42
  - Selecting the search area 42
  - Destination search by Home 44
  - Destination search by Quick access 45
  - Destination search by “Address” 45
  - Destination search by “POI*” 48
  - Destination search by “POI* near cursor” 52
  - Destination search by “Memory” 55
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  - Destination search by “Intersection” 57
  - Destination search by “Coordinates” 58
  - Destination search by “Phone no.” 58
  - Destination search by “UK postal code” 59
- **Starting route guidance** 59

*: Point of Interest

Destination search —

Push the “DEST” button.

You can use one of 11 (12 when “UK” is selected) different methods to search your destination. (See pages 44 through 58.)

INFORMATION
When searching the destination, the response to the touch−screen button may be slow.

— Selecting the search area

SELECTING THE SEARCH AREA ON THE DESTINATION SCREEN

1. Push the “DEST” button.

2. Touch the search area touch−screen button on the “Destination” screen to display a map of the Europe.

The search area depends on the map SD memory card installed in the navigation system. (For map database information and updates, see “Map database information and updates” on page 250.)

3. Touch the button indicating the country to select a search area.

4. Touch “OK” and the “Destination” screen returns.

SELECTING THE SEARCH AREA ON THE INPUT SCREEN

Change the search area in order to set a destination from a different area by using “Address”, “POI”, “Intersection” or “Phone no.”.

1. **Touch the search area touch-screen button on the input screen to display a map of the Europe.**

The search area depends on the map SD memory card installed in the navigation system. (For map database information and updates, see “Map database information and updates” on page 250.)

2. **Touch the button indicating the country to select a search area.**
3. **Touch “OK” and the previous screen returns.**

Format Western Europe

Button	Countries
“A”	Austria *1
“AND”	Andorra
“B”	Belgium
“CH”	Switzerland *1
“D”	Germany
“DK”	Denmark
“E”	Spain *2
“F”	France *3
“FIN”	Finland
“FL”	Liechtenstein
“I”	Italy *4
“IRL”	Ireland
“L”	Luxembourg
“MC”	Monaco
“N”	Norway
“NL”	Netherlands
“P”	Portugal
“RSM”	San Marino
“S”	Sweden
“UK”	United Kingdom
“V”	Vatican City

*1: Includes Liechtenstein

*2: Includes Andorra

*3: Includes Andorra and Monaco

*4: Includes San Marino and Vatican City

Format Eastern Europe

Button	Countries
“BG”	Bulgaria
“CZ”	Czech Republic
“EST”	Estonia
“GR”	Greece
“H”	Hungary
“HR”	Croatia
“LT”	Lithuania
“LV”	Latvia
“PL”	Poland
“RO”	Romania
“RU”	Kaliningrad (Russia)
“SK”	Slovak Republic
“SLO”	Slovenia

Format Russia

Button	Countries
“RU”	Russia

— Destination search by Home

1. Push the “DEST” button.

2. Touch the home touch−screen button on the “Destination” screen.

The screen changes and displays the map location for home and the road preference. (See “Starting route guidance” on page 59.)

To use this function, it is necessary to set “Home” for the memory point. (To register “Home”, see page 95.)

— Destination search by Quick access

1. **Push the “DEST” button.**

2E5075G

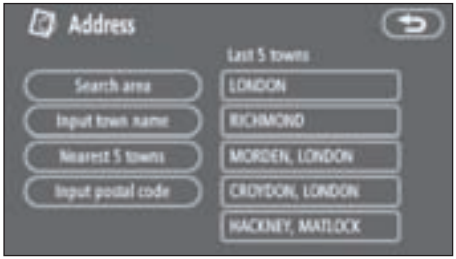
2. **Touch any of the quick access touch-screen buttons on the “Destination” screen.**

The screen changes and displays the map location of the quick access point and road preference. (See “Starting route guidance” on page 59.)

To use this function, it is necessary to set “Quick access” for each memory point. (To register “Quick access”, see page 92.)

— Destination search by “Address”

1. **Push the “DEST” button.**
2. **Touch “Address” on the “Destination” screen.**



3. **To search by town, the following four methods are possible.**

“Input town name”: To input the town name. (See page 46.)

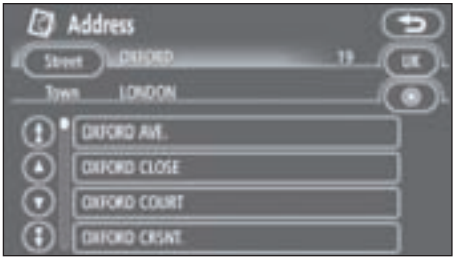
“Nearest 5 towns”: To select from the 5 nearest towns. (See page 47.)

“Input postal code”: To input the postal code. (See page 47.)

“Last 5 towns”: To select from the 5 most recently selected towns. (See page 48.)

INFORMATION
To change the search area, touch “Search area”.

4. Input the street name.



5. Touch the button of the desired street name.

The screen changes and displays the map location of the selected destination and the road preference. (See “Starting route guidance” on page 59.)

2E5011G

6. Input the house number.

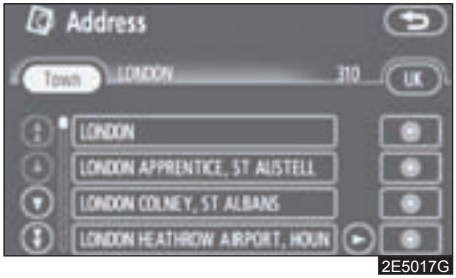
If the house number list screen appears, an address range on that screen can be selected.

- **Inputting the town name**

1. Touch “Input town name”.

2E5016G

2. Input the town name.



2E5017G

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

: To display the selected destination and the road preference. (See “Starting route guidance” on page 59.)

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”.

2E5015G

2. Touch the button of the desired town name from the displayed list.

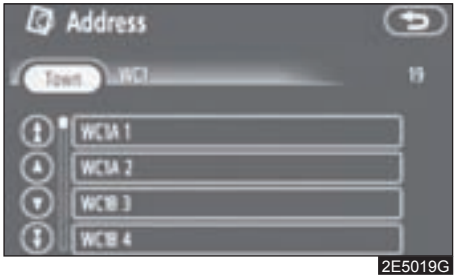
The current screen changes to the screen for inputting a street name. After inputting a street name, the screen may change to the screen for inputting a house number or a street map.

- **Inputting the postal code**

1. Touch “Input postal code”.

2E5018G

2. Input the postal code.



2E5019G

3. Touch the button of the desired postal code from the displayed list.

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 last 5 towns**

Touch the button of the desired town name.

If the navigation has never 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. **Push the "DEST" button.**
2. **Touch "POI" on the "Destination" screen.**

2E5021G

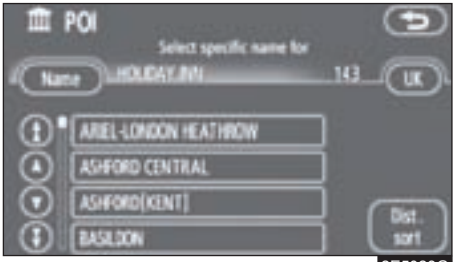
3. **Input the name of the Point of Interest.**

2E5022G

4. **Touch the button of the desired destination.**

The screen changes and displays the map location of the selected destination and the road preference. (See "Starting route guidance" on page 59.)

When inputting the name of a specific Point of Interest, and there are two or more sites with the same name, the list screen is displayed.



2E5023G

Touch the button of the desired destination.

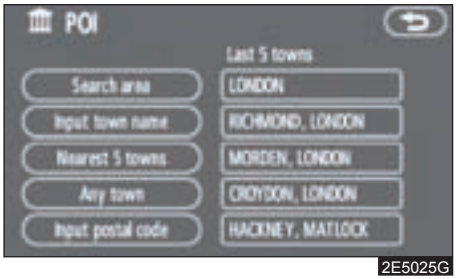
If the same name exists in more than one town, a search can be performed more easily with **"Town"** and **"Category"**. (See "(a) Selecting a town to search" on page 49 and "(b) Selecting from the categories" on page 52.)

INFORMATION
The desired Point of Interest can be displayed on the map screen. (See "—Display POI icons" on page 76.)

(a) Selecting a town to search

2E5024G

Touch "Town".



2E5025G

To search by town, the following four methods are possible.

1. Input the town name
2. Select from the nearest 5 towns
3. Input the postal code
4. Select from the last 5 towns

INFORMATION
• ***To change the search area, touch "Search area".***
• ***To cancel the town setting, touch "Any town".***

INPUTTING THE TOWN NAME

1. **Touch “Input town name”.**

2E5027G

2. **Input the town name.**

2E5028G

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

SELECTING FROM THE NEAREST 5 TOWNS

1. **Touch “Nearest 5 towns”.**

2E5026G

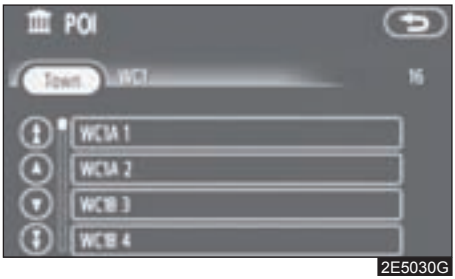
2. **Touch the button of the desired town name.**

INPUTTING THE POSTAL CODE

1. **Touch “Input postal code”.**

2E5029G

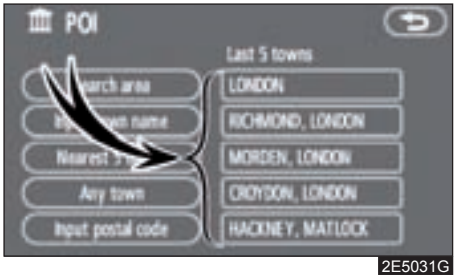
2. **Input the postal code.**



2E5030G

3. **Touch the button of the desired postal code from the displayed list.**

SELECTING FROM THE LAST 5 TOWNS



2E5031G

Touch the button of the desired town name.

If the navigation has never been used, no towns will be displayed on the screen.

(b) Selecting from the categories

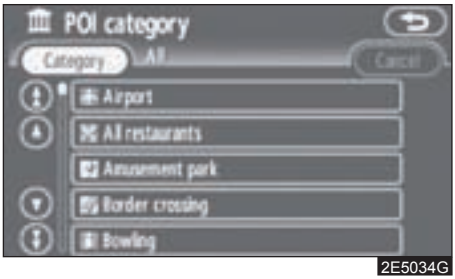
2E5032G

Touch “Category”.

2E5033G

If the desired POI category is on the screen, touch the name 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.



2E5034G

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

— Destination search by “POI near cursor”

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

1. **Push the “DEST” button.**
2. **Touch “POI near cursor” on the “Destination” screen.**

2E5035aG

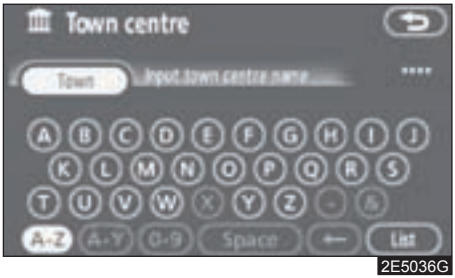
3. **Set the search point by the following method:**

1. Input the town centre
2. Set the current position as the search point
3. Set the search point via the map screen
4. Set the search point from any destination

It is possible to display the names of POIs located within approximately 30 km (20 miles) from the selected search point.

INPUTTING THE TOWN CENTRE

1. Touch “Input town centre”.



2E5036G

2. Input the town centre name.

2E5037G

3. Touch the button of the desired city centre name.

2E5038G

When an arrow facing the desired point is touched, the map scrolls in that direction. Releasing the finger from the arrow will stop the scrolling.

4. Touch “Enter”.

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

SETTING THE CURRENT POSITION AS THE SEARCH POINT

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 SCREEN

1. Touch “Map”.

2E5039G

When an arrow facing the desired point is touched, the map scrolls in that direction. Releasing the finger from the arrow will stop the scrolling.

2. Touch “Enter”.

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

SETTING THE SEARCH POINT FROM DESTINATIONS

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

2E5040G

When an arrow facing the desired point is touched, the map scrolls in that direction. Releasing the finger from the arrow will stop the scrolling.

2. Touch “Enter”.

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

- **To search POIs near the search point**

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

2E5041G

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 icon appears 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.

2E5042G

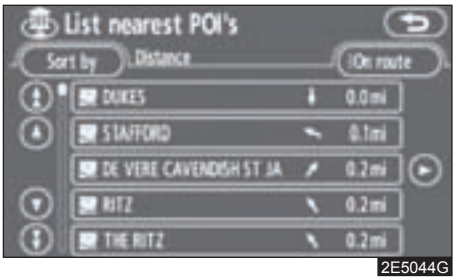
Select the desired POI categories from the list and touch “OK”.

The selected category icon appears on the top left of the screen.

2E5043G

“Select category”: To return to the POI category selection screen.

“Show list”: To display the list of POIs in the selected categories.



2E5044G

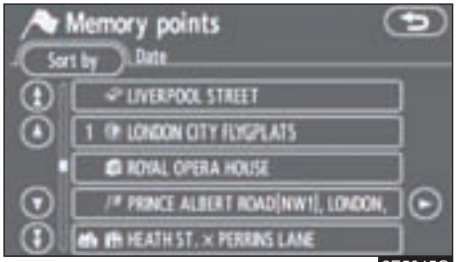
By touching the button of the desired item, the screen changes and displays the map location of the selected destination and the road preference. (See “Starting route guidance” on page 59.)

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 button, the list of the items searched along the route is displayed.

— Destination search by “Memory”

1. **Push the “DEST” button.**
2. **Touch “Memory” on the “Destination” screen.**



2E5045G

To displays your list of registered memory points. (To register or edit memory points, see “Memory” on page 88.)

3. **Touch the button of the desired memory point.**

The screen changes and displays the map location of the selected destination and the road preference. (See “Starting route guidance” on page 59.)

— Destination search by “Previous”

1. **Push the “DEST” button.**
2. **Touch “Previous” on the “Destination” screen.**

2E5046G

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

3. **Touch the button of the desired destination.**

The screen changes and displays the map location of the selected destination and the road preference. (See “Starting route guidance” on page 59.)

INFORMATION
The list of previous destinations can be deleted. (See “— Deleting previous points” on page 100.)

— Destination search by “Map”

1. **Push the “DEST” button.**
2. **Touch “Map” on the “Destination” screen.**

2E5047G

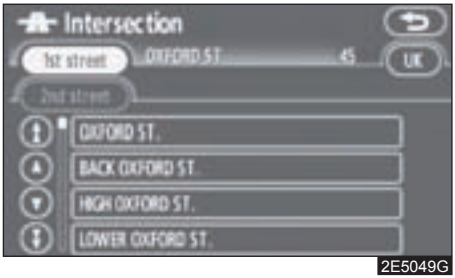
The screen changes and displays the map location that was previously displayed just before the destination input operation and the road preference. (See “Starting route guidance” on page 59.)

— Destination search by “Intersection”

1. **Push the “DEST” button.**
2. **Touch “Intersection” on the second page of the “Destination” screen.**

2E5048aG

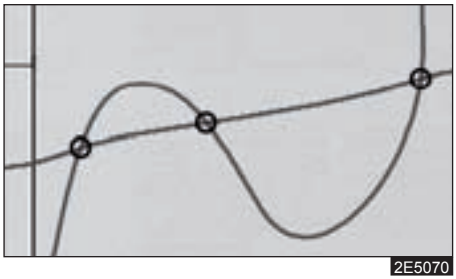
3. **Input the name of the two intersecting streets which are located near the destination to be set.**



2E5049G

4. **Touch the button of the desired item.**

After inputting the two intersecting streets, the screen changes and displays the map location of the selected destination and the road preference. (See “Starting route guidance” on page 59.)


2E5070

If the same two streets cross at more than one 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 59.)

— Destination search by "Coordinates"

1. **Push the "DEST" button.**
2. **Touch "Coordinates" on the second page of the "Destination" screen.**

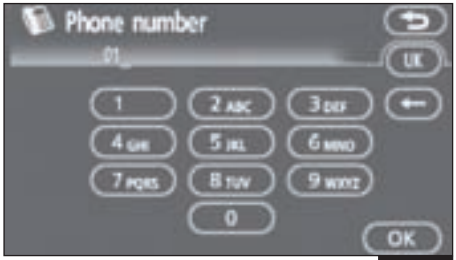
2E5054G

3. **Input the latitude and the longitude.**
4. **When the input is finished, touch "OK".**

By touching the 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 59.)

— Destination search by "Phone no."

1. **Push the "DEST" button.**
2. **Touch "Phone no." on the second page of the "Destination" screen.**

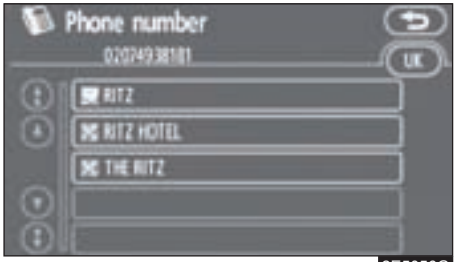


2E5055G

3. **Input a telephone number.**
4. **After inputting a telephone number, touch "OK".**

The screen changes and displays the map location of the selected destination and the road preference. (See "Starting route guidance" on page 59.)

If there is more than one site having the same number, the following screen will be displayed.



2E5056G

INFORMATION

To set a memory point as a destination using the phone number, the number must be registered previously. (See page 94.)

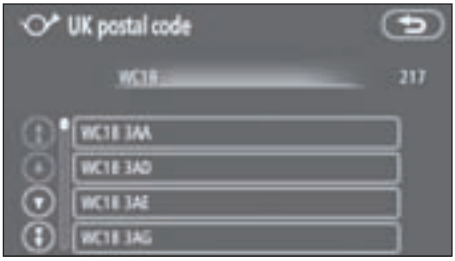
— Destination search by “UK postal code”

Search by postal code is only available when the “UK” is set as the search area.

1. Push the “DEST” button.

2. Touch “UK postal code” on the second page of the “Destination” screen.

3. Input the postal code and touch “List”.



4. Touch the desired code.

The screen changes and displays the map location of the selected destination and the road preference. (See “Starting route guidance” on page 59.)

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, themapscrolls in that direction.

Releasing the finger from the arrow will stop the scrolling.

2. Touch “Enter”.

The system starts route search and displays recommended routes.

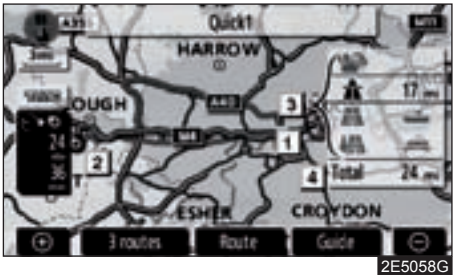
If there is already a set destination, **“Add to ⊙”** and **“Replace ⊙”** are displayed.

“Add to ⊙”: To add a destination.

“Replace ⊙”: To delete the existing destinations and set a new one.

“Road preference”: To change the road preference. (See page 61.)

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



1 **Current position**

2 **Destination point**

3 **Type of the route and the distance**

4 **Distance of the entire route**

3. To start guidance, touch “Guide”.

“3 routes”: To select the desired route from three possible routes. (See page 61.)

“Route”: To change the route. (See pages 70 and 73.)

INFORMATION

- ***Guidance can be suspended or resumed. (See “Suspending and resuming guidance” on page 84.)***
- ***If “Guide” is touched until a beep sounds, demo mode will start. Push the “MAP/VOICE” button to finish demo mode.***
- ***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 0,5 miles (1 km), the map scale changes to 0,5 miles (500 m) automatically. Set the destination again.***
- ***If a destination is entered, the road nearest to the point you selected is set as the destination.***

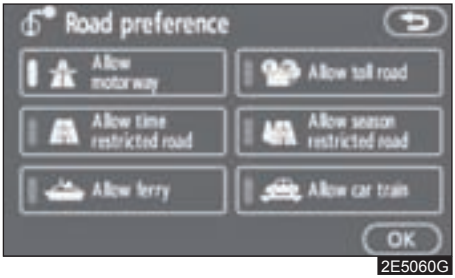
⚠ CAUTION

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 provide wrong information.

- **To change the route before starting guidance**

ROAD PREFERENCE

1. You can change road preference by touching “Road preference”.



2. Select the desired road preference by touching the button.

When searching for a route, the system will avoid routes when the indicator is off.

3. After choosing the desired road preference, touch “OK”.

INFORMATION

- ***Even if the “Allow motorway” indicator is dimmed, the route cannot avoid including a motorway in some cases.***
- ***If the calculated route includes a trip by ferry, the route guidance shows a sea route. After you travel by ferry, the current vehicle position may be incorrect. Upon reception of GPSsignals, it is automatically corrected.***

3 ROUTES SELECTION

1. To select the desired route from three routes, touch “3 routes”.

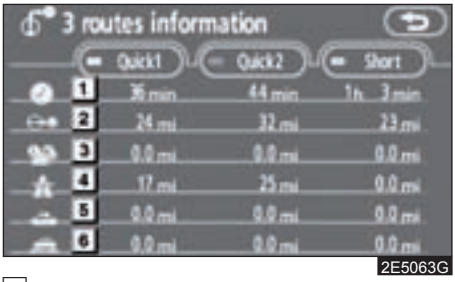
2. Touch “Quick1”, “Quick2” or “Short” to select the desired route.

“Quick1”: Recommended route.
This route is indicated by an light blue line.

“Quick2”: Alternative route.
This route is indicated by a purple line.

“Short”: A route by which you can reach the destination in the shortest distance.
This route is indicated by a green line.

“Info.”: To display the following information about each of the 3 routes



1 **Time necessary for the entire trip**

2 **Distance of the entire trip**

3 **Toll road**

4 **Motorway**

5 **Ferry**

6 **Car train**

Section 3

ROUTE GUIDANCE

- Route guidance screen 64
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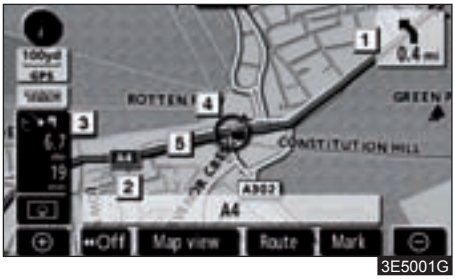
*: Point of Interest

Route guidance screen

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

- **Screen layout**



3E5001G

1 **Distance to the next turn and the arrow indicating turning direction**

2 **Current street name**

3 **Distance and travel/arrival time to the destination**

4 **Current position**

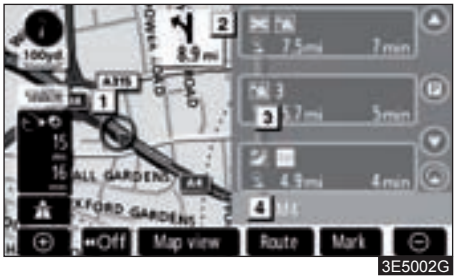
5 **Guidance route**

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 road that should not be traveled on.***
- ***When you arrive at your 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 and exit, or POIs in the vicinity of the motorway exit.



3E5002G

1 **Current position**

2 **Points of Interest that are close to a motorway exit or exit number and junction name**

3 **Distance from the current position to the exit or junction**

4 **Current street name**

: To display the distance to the next and subsequent parking areas and parking area POIs.

: To scroll for farther junctions or exits.

: To scroll for closer junctions or exits.

: To scroll for the closest three junctions or exits.

- **When approaching a motorway exit or junction**

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

3E5003G

1 **Road/area name**

2 **Distance from the current position to the exit or junction**

3 **Current position**

: The guidance screen on motorway disappears and the map screen appears.

When touching or pushing the **"MAP/ VOICE"** button, the guidance screen on motorway reappears.

- **When approaching an intersection**

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

3E5004G

1 **Next street name**

2 **Distance to the intersection**

3 **Current position**

4 **Lane guidance**

: The intersection guidance screen disappears and the map screen appears.

When touching or pushing the **"MAP/ VOICE"** button, the intersection guidance screen reappears.

- **Other screens**

TURN LIST SCREEN

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

Touching during guidance displays the turn list.

1. **Next street name or destination name**
2. **Turn direction**
3. **Distance to the next turn**
4. **Current street name**

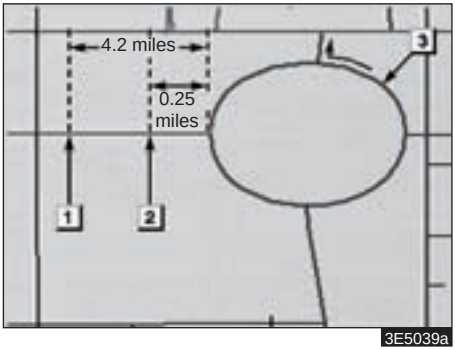
ARROW SCREEN

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

Touching during guidance displays the arrow screen.

1. **Exit number, street name containing number or next street name**
2. **Turn direction**
3. **Distance to the next turn**
4. **Current street name**

Typical voice guidance prompts



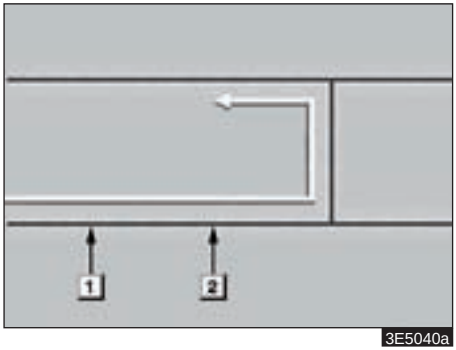
3E5039a

1 “Proceed about 4 miles, on the current road.”

2 “In quarter of a mile, heading left at the roundabout. Take 3rd exit.”

3 “Exit coming up.”

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

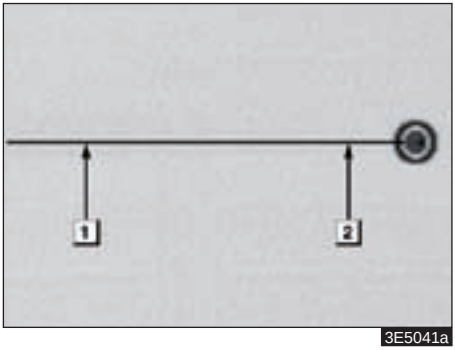


3E5040a

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

1 “In half a mile, make a U-turn.”

2 “Make a U-turn if possible.”



1 “Your destination is ahead.”

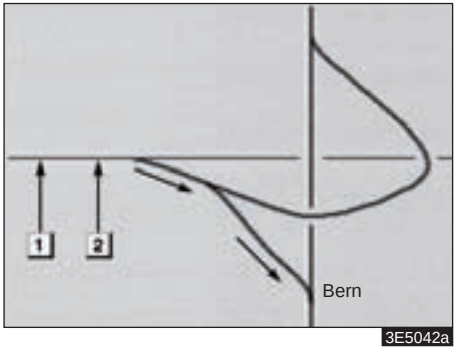
Or

“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.”

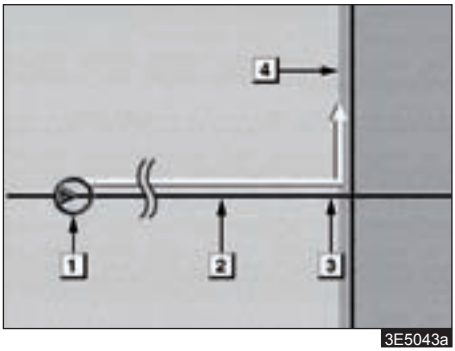


1 “In 1 mile, keep right.”

2 “Keep right, then keep right, towards Bern.”

INFORMATION

- ***Voice guidance may be made early or delayed.***
- ***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.***
- ***If you did not hear the voice guidance command, push the “MAP/VOICE” button to hear it.***
- ***To adjust the voice guidance volume, see “Volume” on page 85.***



3E5043a

The route including the IPD roads

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

After it has made a route calculation, the system will advise the user whether IPD roads are included calculated on the route or not.

The portion of the route that covers IPD roads is indicated by light blue.

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 m, left turn."

3 "Next left. Please obey all traffic regulations."

4 The area that includes IPD roads

⚠ 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 provide wrong information such as the direction of a one way street.

.

Distance and time to destination

3E5007G

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 the direction of the destination are displayed.

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

1. Touch this button to display the following screen.

3E5008G

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

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

Estimated travel time is displayed.

Estimated arrival time is displayed.

To switch to estimated arrival time.

To switch to estimated travel time.

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 is calculated based on the set vehicle speed information. (See page 102.) However, when the vehicle is not on the guidance route, the distance is the linear distance between the current position and the destination.

Setting and deleting destination — — Adding destinations

Adding destinations and searching again for the routes can be done.

3E5009G

1. Touch “Route”.

3E5010G

2. Touch “Add” of “Destination”.

3. Input an additional destination in the same way as the destination input. (See “Destination search” on page 42.)

3E5011G

4. Touch the desired “Add” to determine the arrival order of the additional destination

— Reordering destinations

When more than one destination is set, you can change the arrival order of the destinations.

3E5009G

1. Touch “Route”.

3E5012G

2. Touch “Reorder” of “Destination”.

3E5013G

3. Select the destination in the order of arrival by touching the destination button.

Reordered number of arrival is displayed on the right side of the screen.

Touching **“Undo”** will cancel each selected order number from the previously input number.

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

The system searches for the guidance route again, and displays the entire route. Even if **“OK”** is not touched, the entire route is displayed automatically within a few seconds when the order is fixed.

— Deleting destinations

A set destination can be deleted.

3E5009G

1. Touch “Route”.

3E5014G

2. Touch “Delete” of “Destination”.

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

3E5015G

3. Touch the destination for deletion.

“Delete all”: To delete all destinations on the list.

A message appears to confirm the request to delete.

4. To delete the destination(s), touch “Yes”.

If **“Yes”** is touched, the data cannot be recovered.

If **“No”** is touched, the previous screen will return.

5. If more than one destination is set, touch “OK” after deleting the destinations.

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

Setting route —
— Search condition

You can designate the road conditions of the route to the destination.

3E5009G

1. Touch “Route”.

3E5016G

2. Touch “Search condition”.

3E5017G

3. Touch “Quick”, “Quick1”, “Quick2” or “Short” and touch “OK”.

3E5018G

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

“Guide”: To start guidance.

“Route”: To change a route. (See pages 70 and 73.)

3

— Detour setting

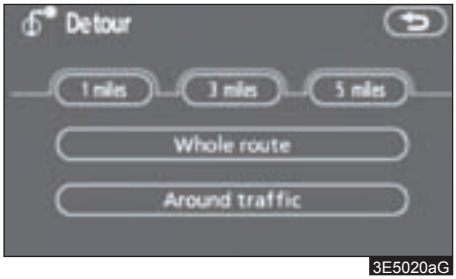
While the route guidance is operating, you can change the route to detour around a section of the route where a delay is caused by road repairs, or an accident, etc.

3E5009G

1. Touch “Route”.

3E5019G

2. Touch “Detour”.



3E5020aG

3. Select the button below to select the desired detour distance.

“1 mile (km)”, “3 miles (km)” or “5 miles (km)”: Touch one of these buttons to start the detour process. After detouring, the system returns to the original guidance route.

“Whole route”: By touching this button, the system will calculate an entire new route to the destination.

“Around traffic”: If you touch this button, the system will search for the route based on the traffic congestion information received.

3E5044a

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 or an accident.

2 This route indicates the detour suggested by the system.

INFORMATION

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

— Road preference

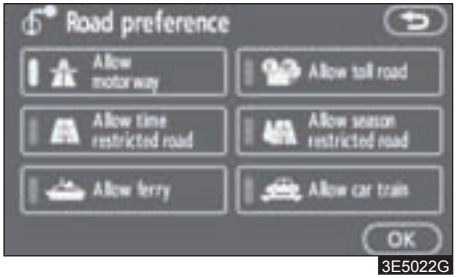
A number of choices are provided on the conditions which the system uses to determine the route to the destination.

3E5009G

1. Touch “Route”.

3E5021G

2. Touch “Road preference” to change the conditions that determine the route to the destination.



3E5022G

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

When searching for a route, the system will avoid routes when the indicator is off.

4. After choosing the desired road preference, touch “OK”.

— Starting route from adjacent road

You can start the route guidance from the adjacent road.

(ex. When route guidance is set on the motorway, but the vehicle is driven parallel along the motorway.)

3E5019G

1. Touch “Route”.

3E5023G

2. Touch “Start from adjacent road”.

When there is no adjacent road, this button will not be displayed.

Map view — — Display POI icons

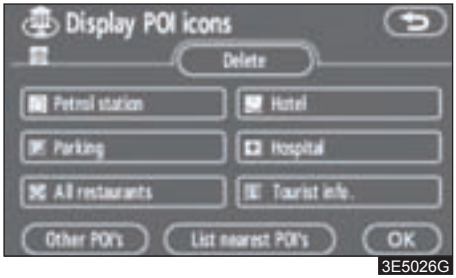
Points of Interest such as petrol stations and restaurants can be displayed on the map screen. You can also set their location as a destination and use them for route guidance.

3E5024G

1. Touch “Map view”.

3E5025G

2. Touch “Display POI icons” to display a particular type of Point of Interest on the screen.



3E5026G

A screen with a limited choice of Points of Interest will be displayed. (To change the displayed POI, see page 104.)

- **Selecting POIs to be displayed**

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

3E5026G

Touch the desired Point of Interest category to display POI location symbols on the map screen.

By selecting the desired POI category and then touching **"OK"**, the selected POI icons are displayed on the map screen.

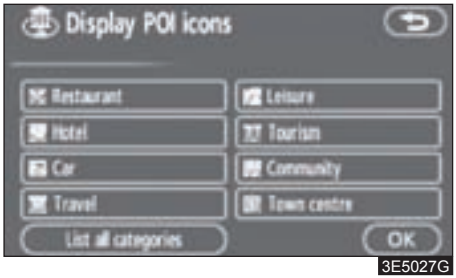
To turn off the Points of Interest icon on the map screen, touch **"Delete"**.

"Other POI's": If the desired Point of Interest cannot be found on the limited choice screen, touch this button.

"List nearest POI's": When searching for the nearest Point of Interest, select the desired category button then touch this button. The system will list the points within 30 km (20 miles). (See page 78.)

Touch "Other POI's" on the "Display POI icons" screen.

When a Point of Interest category is selected from either the limited list or the complete list, the screen will display symbols of those locations on the map screen.



3E5027G

Select the desired POI categories.

The selected category icon appears on the top left of the screen.

By selecting 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.

3E5040G

Select the desired POI categories from the list.

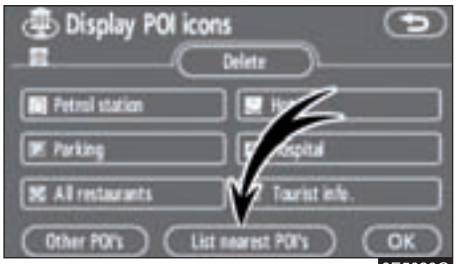
The selected category icon appears on the top left of the screen.

By selecting 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 (20 miles) of the current position will be listed from among the selected categories.



3E5028G

1. **Touch "List nearest POI's" on the "Display POI icons" screen.**

3E5029G

2. **Touch the button of the desired Point of Interest.**

The selected Points of Interest are displayed on the map screen.

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

- **To set a POI as a destination**

You can select one of the Points of Interest icons on the map screen as a destination and use it for route guidance.

1. **Directly touch the Point of Interest icon that you want to set as a destination.**

3E5030G

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 vehicle position to the POI.

2. **When the desired Point of Interest 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 59.)

— Route overview

3E5024G

1. **Touch "Map view".**

3E5031G

2. **Touch "Route overview".**

3E5032G

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

"Guide": To start guidance.

"Route": To change the route. (See pages 70 and 73.)

"Turn list": The following screen displays the list of the roads up to the destination.

3E5033G

You can scroll through the list of roads by touching ▲ or ▼. 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 two 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.

These marks indicate the direction in which you should turn at an intersection.

Touch “Map” of the “Turn list” screen.

The point which you choose is displayed on the map screen.

3E5034G

— Route preview

3E5024G

1. Touch “Map view”.

3E5035G

2. Touch “Route preview”.

3E5036G

: To indicate the next destination.

: To preview the route to the next destination.

: To preview the route to the next destination in fast-forward mode.

: To stop the preview.

: To review the route to the previous destination or starting point.

: To review the route to the previous destination or starting point in fast-forward mode.

: To indicate the previous destination or starting point.

— Route trace

It is possible to store the traveled route up to 200 km (124 miles) and retrace the route on the display.

INFORMATION

This feature is available on the map with more detailed map scale than 50 km (30 miles).

3E5024G

Touch “Map view”.

3E5037G

“Record”: To start recording the route trace.

“Stop”: To stop recording the route trace.

If you touch **“Stop”**, the following screen will be displayed.

3E5038G

Touching **“Yes”** stops recording and the route trace remains displayed on the screen.

Touching **“No”** stops recording and the route trace is erased.

Section 4

ADVANCED FUNCTIONS

Descriptions of functions for more effective use

- Suspending and resuming guidance 84
- Volume 85
- User selection 86
- **Memory** 88
  - Registering memory points 89
  - Editing memory points 90
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  - Deleting area to avoid 100
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- RDS-TMC 111

Suspending and resuming guidance

- **To resume guidance**

1. **Push the “MENU” button.**

2. **Touch “Navigation”.**

3. **Touch “Suspend guidance”.**

INFORMATION
Without route guidance, the “Suspend guidance” cannot be used.

The screen will change to the current

4E5002G

position map with route guidance.

- **To resume guidance**

1. **Push the “MENU” button.**
2. **Touch “Navigation” on the “Menu” screen.**

3. **Touch “Resume guidance”.**

4E5004G

The screen will change to the current position map with route guidance.

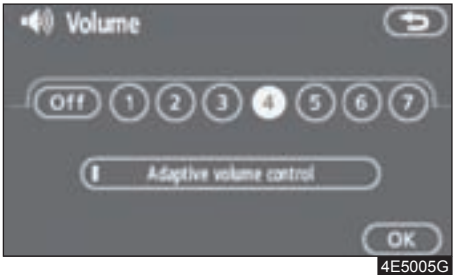
Volume

The voice guidance volume can be adjusted or switched off.

1. Push the “MENU” button.

2. Touch “Navigation”.

3. Touch “Volume”.



To adjust the volume, select the desired level by touching the appropriate number.

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

When selected the number or **“Off”** will be highlighted.

4. Touch “OK” to confirm your selection.

INFORMATION

During route guidance, the voice guidance continues even if the navigation screen is changed to other screens.

“Adaptive volume control”: By turning “Adaptive volume control” on, the volume is turned up automatically when the vehicle speed exceeds 80 km/h (50 mph).

To turn the “Adaptive volume control” system on, touch the button. The indicator will be highlighted.

User selection

The system can memorize the following settings for up to three users.

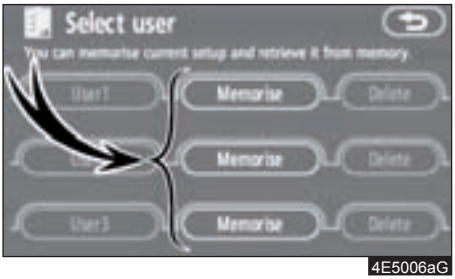
- Map direction
- Map scale
- Map configuration
- Guidance mode
- Setup
- Volume
- Language
- Route trace
- Travel time/arrival time
- Right screen of dual map
- Road preference
- Maintenance notification
- RDS-TMC

1. Push the “MENU” button.

2. Touch “Navigation”.

3. Touch “Select user”.

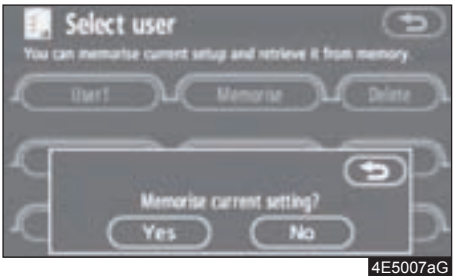
- **To register**



4E5006aG

1. Touch “Memorise”.

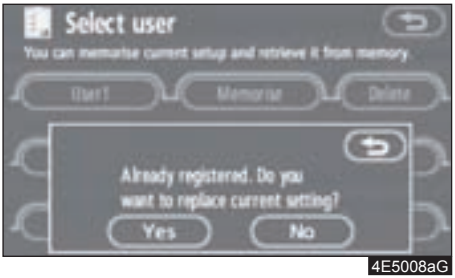
The confirmation screen will be displayed.



4E5007aG

2. To register, touch “Yes”. To return to the previous screen, touch “No” or .

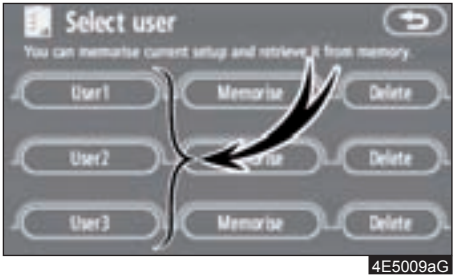
When a button that is already registered is touched, the following screen appears.



4E5008aG

To replace, touch **“Yes”**. To cancel the replacement, touch **“No”** or .

- **To change user**



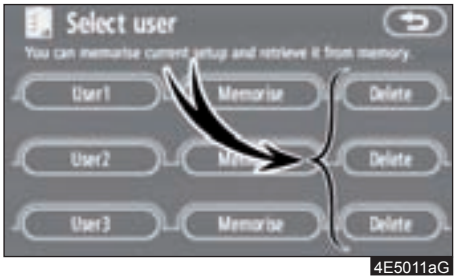
4E5009aG

Touch “User number”.

4E5010aG

The above message appears, then the map screen will be displayed.

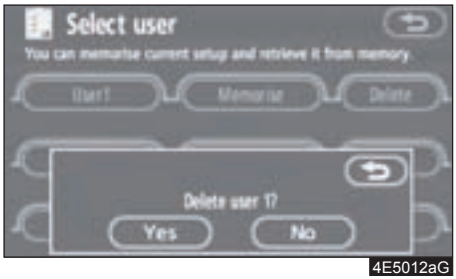
- **To delete user**



4E5011aG

1. Touch “Delete”.

The confirmation screen will be displayed.



4E5012aG

2. To delete, touch “Yes”. To return to the previous screen, touch “No” or .

Memory —

Points or areas on the map can be registered.

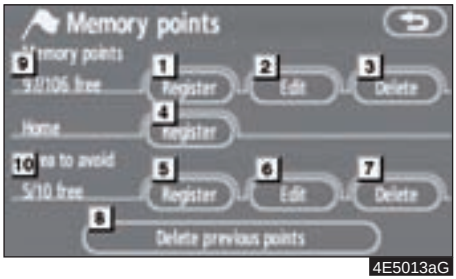
The registered points can be used on the “Destination” screen. (See “ — Destination search by Home” on page 44 or “ — Destination search by Quick access” on page 45 and “ — Destination search by Memory” on page 55.)

Registered areas are avoided at the time of route search.

1. Push the “MENU” button.

2. Touch “Navigation”.

3. Touch “Memory”.



4E5013aG

On this screen, the following operations can be performed.

1 **Registers memory points**
(See “ — Registering memory points” on page 89.)

2 **Edits memory points**
(See “ — Editing memory points” on page 90.)

3 **Deletes memory points**
(See “ — Deleting memory points” on page 94.)

4 **Registers or deletes home**
(See “ — Registering home” on page 95 or “ — Deleting home” on page 96.)

5 **Registers areas to avoid**
(See “ — Registering area to avoid” on page 96.)

6 **Edits areas to avoid**
(See “ — Editing area to avoid” on page 97.)

7 **Deletes areas to avoid**
(See “ — Deleting area to avoid” on page 100.)

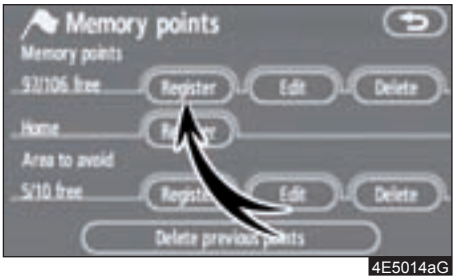
8 **Deletes previous points**
(See “ — Deleting previous points” on page 100.)

9 **Number of remaining memory points**

10 **Number of remaining areas to avoid**

— Registering memory points

1. **Push the “MENU” button.**
2. **Touch “Navigation” on the “Menu” screen.**
3. **Touch “Memory” on the “Navigation” screen.**



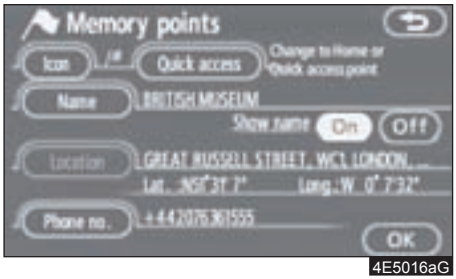
4E5014aG

4. **Touch “Register”.**

4E5149G

5. **Enter the location in the same way as for a destination search.** (See “Destination search” on page 42.)

After memory point registration is completed, the “Memory points” screen will be displayed.



4E5016aG

6. **Touch “OK”.**

To edit registered information, see “ — Editing memory points” on page 90.

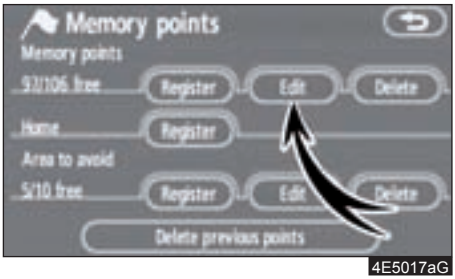
INFORMATION

Up to 106 memory points can be registered.

— Editing memory points

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

1. **Push the “MENU” button.**
2. **Touch “Navigation” on the “Menu” screen.**
3. **Touch “Memory” on the “Navigation” screen.**

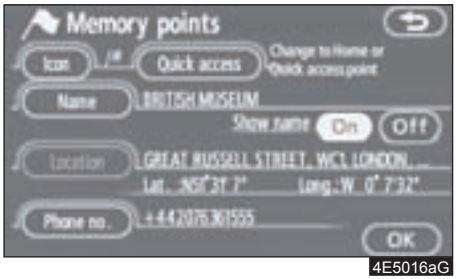


4E5017aG

4. **Touch “Edit”.**

4E5018aG

5. **Touch the desired memory point button.**



4E5016aG

6. **Touch the button to be edited.**

“Icon”: To select icons to be displayed on the map. (See page 91.)

“Quick access”: To set an attribute. Memory points with a set attribute can be used as a “Quick access” or “Home” button. (See page 92.)

“Name”: To edit memory point names. The names can be displayed on the map. (See page 93.)

“Location”: To edit location information. (See page 93.)

“Phone no.”: To edit telephone numbers. (See page 94.)

7. **Touch “OK”.**

- **To change “Icon”**

1. **Touch “Icon” on the “Memory points” screen.**

4E5019G

2. **Touch the desired icon.**

Turn the page by touching **“Page 1”**, **“Page 2”** or **“With sound”**.

SOUND ICONS

When the vehicle approaches the memory point, the selected sound will be heard.

1. **Touch “With sound” on the “Change icon” screen.**

4E5020G

2. **Touch the desired sound icon.**

The next screen appears when **“Bell (with direction)”** is touched.

4E5021G

Touch either [ ] or [ ] to adjust the direction. Touch “Enter”.

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

4

- **To change “Quick access”**

It is possible to change attributes of the quick access points. Memory points with a set attribute can be used as a “Quick access” or “Home” touch-screen button. (See “ — Destination search by Home” on page 44 and “ — Destination search by Quick access” on page 45.)

1. **Touch “Quick access” on the “Memory points” screen.**

4E5022G

2. **Touch the desired attribute.**

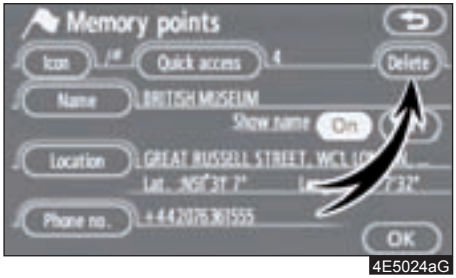
It is possible to replace a registered attribute.

4E5023G

3. **To replace the attribute, touch “Yes”. To return to the previous screen, touch “No” or ⮌.**

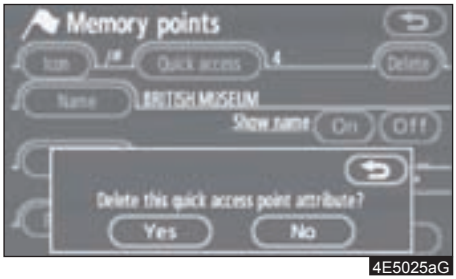
INFORMATION
One “Home” and five “Quick access” can be set.

DELETING “Quick access”



4E5024aG

1. **Touch “Delete”.**



4E5025aG

2. **To delete an attribute, touch “Yes”. To return to the previous screen, touch “No” or ⮌.**

- **To change “Name”**

1. **Touch “Name” on the “Memory points” screen.**

4E5026G

2. **Enter the name using the alpha-numeric keys.**

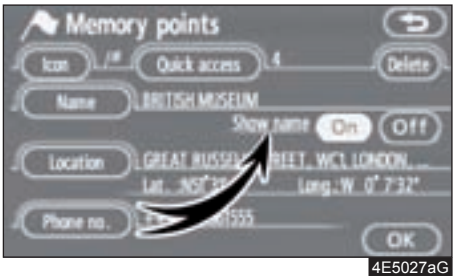
Up to 24 letters can be entered.

3. **Touch “OK”.**

The previous screen will be displayed.

DISPLAYING MEMORY POINT NAMES

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



4E5027aG

To show the name, touch “On” on the “Memory points” screen. To not show it, touch “Off”.

- **To change “Location”**

1. **Touch “Location” on the “Memory points” screen.**

4E5028G

2. **Touch the eight directional touch-screen button to move the cursor ⊹ to the desired point on the map.**

3. **Touch “Enter”.**

The previous screen will be displayed.

4

- **To change “Phone no.” (telephone number)**

1. **Touch “Phone no.” on the “Memory points” screen.**

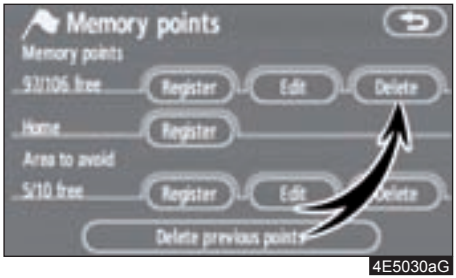
4E5029aG

2. **Enter the number using numeral keys.**
3. **Touch “OK”.**

The previous screen will be displayed.

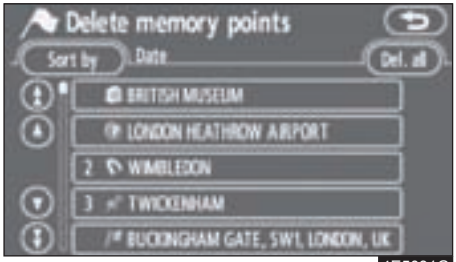
— Deleting memory points

1. **Push the “MENU” button.**
2. **Touch “Navigation” on the “Menu” screen.**
3. **Touch “Memory” on the “Navigation” screen.**



4E5030aG

4. **Touch “Delete”.**



4E5031G

5. **Touch the button to be deleted.**

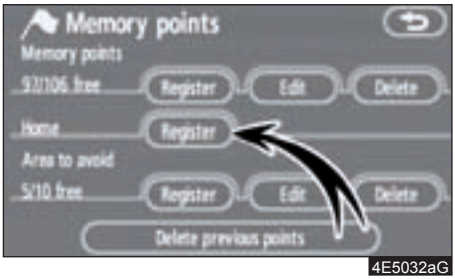
“Del. all”: To delete all memory points in the system.

6. **To delete the memory point, touch “Yes”. To cancel the deletion, touch “No”.**

— Registering home

If home has been registered, that information can be recalled by using the “Home” touch-screen button on the “Destination” screen. (See “ — Destination search by Home” on page 44.)

1. **Push the “MENU” button.**
2. **Touch “Navigation” on the “Menu” screen.**
3. **Touch “Memory” on the “Navigation” screen.**



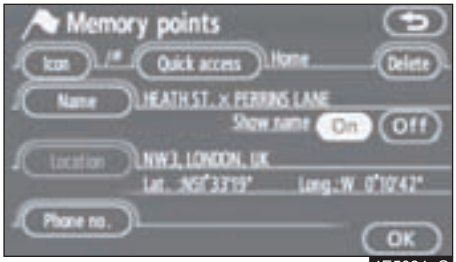
4E5032aG

4. **Touch “Register”.**

4E5150G

5. **Enter the location in the same way as for a destination search.** (See “Destination search” on page 42.)

When registration of home is completed, the “Memory points” screen will be displayed.



4E5034aG

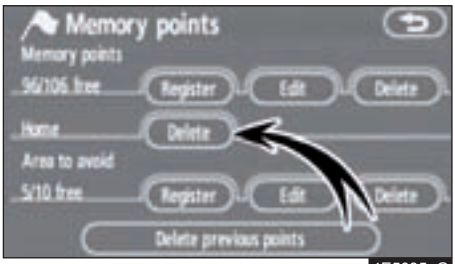
6. **Touch “OK”.**

To edit registered information, see “ — Editing memory points” on page 90.

4

— Deleting home

1. **Push the “MENU” button.**
2. **Touch “Navigation” on the “Menu” screen.**
3. **Touch “Memory” on the “Navigation” screen.**



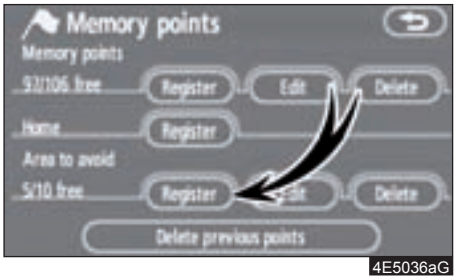
4E5035aG

4. **Touch “Delete”.**
5. **To delete home, touch “Yes”. To cancel the deletion, touch “No”.**

— Registering area to avoid

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

1. **Push the “MENU” button.**
2. **Touch “Navigation” on the “Menu” screen.**
3. **Touch “Memory” on the “Navigation” screen.**

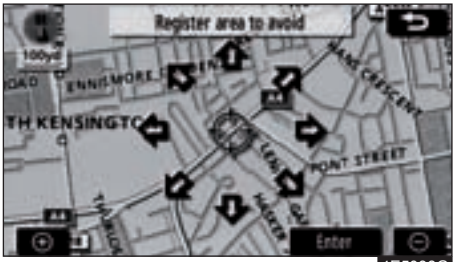


4E5036aG

4. **Touch “Register”.**

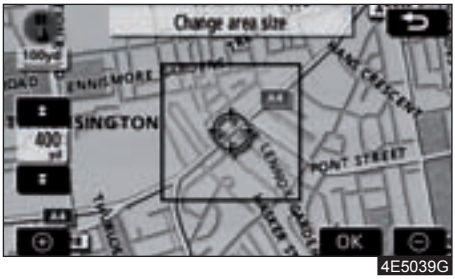
4E5151G

5. **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 42.)



4E5038G

6. **Touch the eight directional touch-screen button to move the cursor ⊹ to the desired point on the map.**
7. **Touch "Enter".**



4E5039G

8. **Touch either ± or ∓ to change the size of the area to be avoided.**
9. **Touch "OK".**

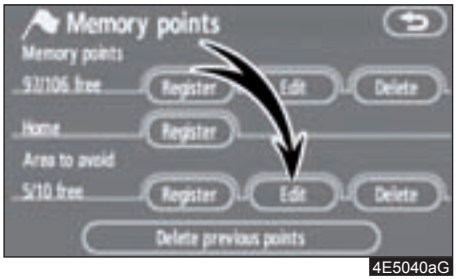
INFORMATION

- ***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 points/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 unnecessary points.".***

— Editing area to avoid

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

1. **Push the "MENU" button.**
2. **Touch "Navigation" on the "Menu" screen.**
3. **Touch "Memory" on the "Navigation" screen.**



4E5040aG

4. **Touch "Edit".**

4E5041G

5. **Touch the desired area button.**

4E5042G

6. Touch the button to be edited.

"Name": To edit the name of the area to avoid. The names can be displayed on the map. (See page 98.)

"Location": To edit area location. (See page 99.)

"Area size": To edit area size. (See page 99.)

"Active": To turn on or off the area to avoid feature. To turn on the feature touch **"On"** on the "Edit area to avoid" screen. To turn off the feature touch **"Off"** on the "Edit area to avoid" screen.

7. Touch "OK".

- **To change "Name"**

1. Touch "Name" on the "Edit area to avoid" screen.

4E5101G

2. Enter the name using alphanumeric keys.

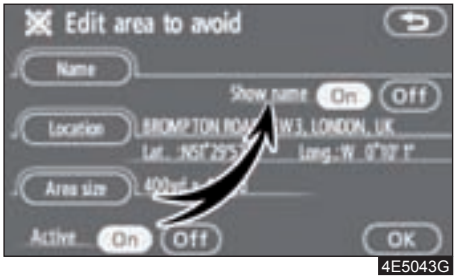
Up to 24 letters can be entered.

3. Touch "OK".

The previous screen will be displayed.

DISPLAYING NAMES OF AREAS TO BE AVOIDED

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

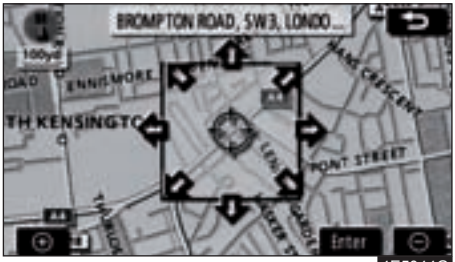


4E5043G

To show the name, touch "On" on the "Edit area to avoid" screen. To not show it, touch "Off".

- **To change “Location”**

1. **Touch “Location” on the “Edit area to avoid” screen.**



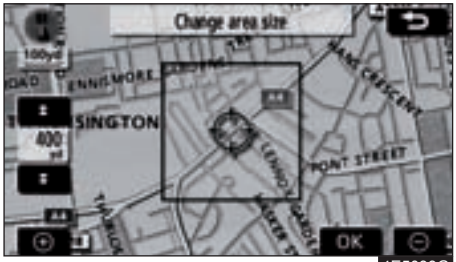
4E5044G

2. **Touch the eight directional touch-screen button to move the cursor ⌖ to the desired point on the map.**
3. **Touch “Enter”.**

The previous screen will be displayed.

- **To change “Area size”**

1. **Touch “Area size” on the “Edit area to avoid” screen.**



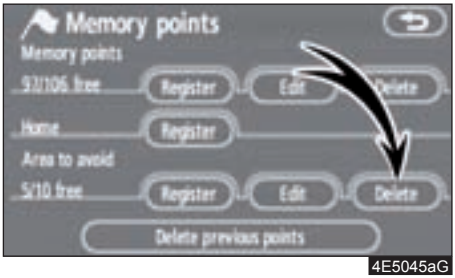
4E5039G

2. **Touch either ± or ∓ to change the size of the area to be avoided.**
3. **Touch “OK”.**

The previous screen will be displayed.

— Deleting area to avoid

1. **Push the “MENU” button.**
2. **Touch “Navigation” on the “Menu” screen.**
3. **Touch “Memory” on the “Navigation” screen.**



4E5045aG

4. **Touch “Delete”.**

4E5046G

5. **Touch the button to be deleted.**

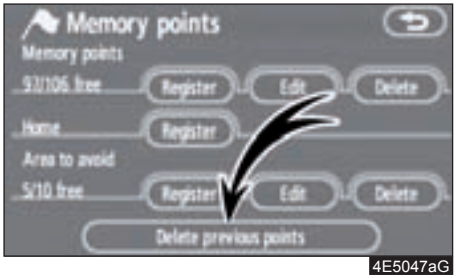
“Delete all”: To delete all registered areas to avoid in the system.

6. **To delete the area, touch “Yes”. To cancel the deletion, touch “No”.**

— Deleting previous points

The previous destination can be deleted.

1. **Push the “MENU” button.**
2. **Touch “Navigation” on the “Menu” screen.**
3. **Touch “Memory” on the “Navigation” screen.**



4E5047aG

4. **Touch “Delete previous points”.**

4E5048G

5. **Touch the button to be deleted.**

“Del. all”: To delete all previous points in the system.

4E5049G

6. **To delete the point, touch “Yes”. To cancel the deletion, touch “No”.**

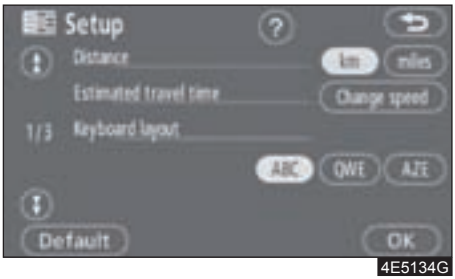
Setup

Setting the items shown on the “Setup” screen can be done.

1. Push the “MENU” button.

2. Touch “Navigation”.

3. Touch “Setup”.



4E5134G

4. Touch the items to be set.

5. Touch “OK” on the screen.

The previous screen will be displayed.

INFORMATION
To reset all setup items, touch “Default”.

- **Distance unit**

Distance unit can be changed.

1. Push the “MENU” button.

2. Touch “Navigation” on the “Menu” screen.

3. Touch “Setup” on the “Navigation” screen.

4E5135G

4. Touch “km” or “miles” of “Distance” to choose the distance unit.

The selected button is highlighted.

5. Touch “OK”.

INFORMATION
This function is available only in English. To switch language, see “Selecting a language” on page 179.

4

- **Estimated travel time**

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

1. **Push the "MENU" button.**
2. **Touch "Navigation" on the "Menu" screen.**
3. **Touch "Setup" on the "Navigation" screen.**

4E5136G

4. **Touch "Change speed" of the "Estimated travel time".**

4E5053G

5. **Touch ▶ or ◀ to set the average vehicle speeds for "Urban road", "Country road", and "Motorway".**

To set the default speeds, touch **"Default"**.

6. **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.***
- ***It is possible to display up to 99 hours 59 minutes.***

- **Input keyboard layout**

Keyboard layout can be changed.

1. **Push the “MENU” button.**
2. **Touch “Navigation” on the “Menu” screen.**
3. **Touch “Setup” on the “Navigation” screen.**

4E5137G

4. **Touch “ABC”, “QWE” or “AZE” of “Keyboard layout” to choose the keyboard layout.**

LAYOUT TYPE

▶ **“ABC” type**

▶ **“QWE” type**

▶ **“AZE” type**

The selected button is highlighted.

5. **Touch “OK”.**

- **Screen layout function (Off function)**

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

1. **Push the “MENU” button.**
2. **Touch “Navigation” on the “Menu” screen.**
3. **Touch “Setup” on the “Navigation” screen.**

Then touch to display page 2 of the “Setup” screen.

4E5139G

4. **Touch “Change” of “Off function”.**

4E5061G

5. **Touch the button to be turned off. The button becomes dimmed.**

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

6. **Touch “OK”.**

- **POI category change (Display POI icons)**

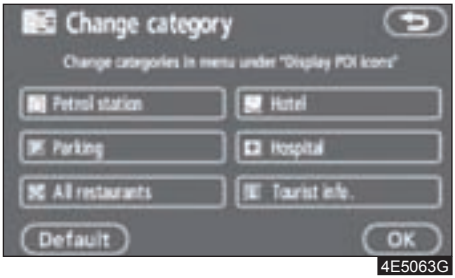
Select from among the 6 icons displayed on the “Display POI icons” top screen, so that setting of the icons to be displayed on the map screen can be done easily.

1. **Push the “MENU” button.**
2. **Touch “Navigation” on the “Menu” screen.**
3. **Touch “Setup” on the “Navigation” screen.**

Then touch to display page 2 of the “Setup” screen.

4E5140G

4. **Touch “Chg. category” of “Display POI icons”.**



5. **Touch the category button to be changed.**

6. **Touch the category button to be displayed on the "Display POI icons" top screen.**
7. **Touch "OK".**

- **3D landmark**

When the "3D landmark" feature is turned on, the system will display the 3D landmark on the map.

To turn the "3D landmark" mode on:

1. **Push the "MENU" button.**
2. **Touch "Navigation" on the "Menu" screen.**
3. **Touch "Setup" on the "Navigation" screen.**

Then touch ⏬ to display page 2 of the "Setup" screen.

4. **Touch "On" of "3D landmark".**

The selected button is highlighted.

5. **Touch "OK".**

- **Traffic notification**

When the “Traffic notification” feature is turned on, the system notifies you of traffic or seasonal restrictions.

To turn the “Traffic notification” mode on:

1. **Push the “MENU” button.**
2. **Touch “Navigation” on the “Menu” screen.**
3. **Touch “Setup” on the “Navigation” screen.**

Then touch to display page 2 of the “Setup” screen.

4E5142G

4. **Touch “On” of “Traffic notification”.**

The selected button is highlighted.

5. **Touch “OK”.**

- **Time zone**

Time zone can be changed.

1. **Push the “MENU” button.**
2. **Touch “Navigation” on the “Menu” screen.**
3. **Touch “Setup” on the “Navigation” screen.**

Then touch to display page 2 of the “Setup” screen.

4E5138G

4. **Touch “Change” of “Time zone”.**

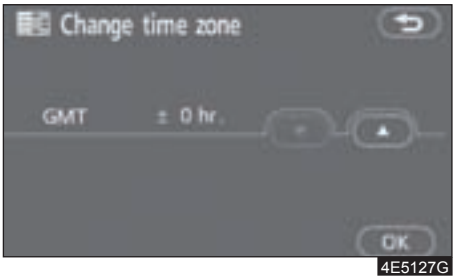
The “Change time zone” screen will be displayed on the display.

4E5143G

5. **Touch the desired time zone.**

The selected button is highlighted.

“Others”: You can adjust time zone manually.



6. **If you touch “Others”, adjust time zone with ▲▼ and touch .**

7. **Touch “On” for “Daylight saving time” to set daylight saving time. Touch “Off” to cancel it.**
8. **Touch “OK”.**

- **Voice guide in all modes**

When the “Voice guide in all modes” feature is turned on, the voice guide in all modes can be heard.

When the “Voice guide in all modes” feature is turned off, the voice guide cannot be heard when using the audio system.

To turn the “Voice guide in all modes” on:

1. **Push the “MENU” button.**
2. **Touch “Navigation” on the “Menu” screen.**
3. **Touch “Setup” on the “Navigation” screen.**

Then touch twice to display page 3 of the “Setup” screen.

4. **Touch “On” of “Voice guide in all modes”.**

The selected button is highlighted.

5. **Touch “OK”.**

- **Auto voice guidance**

When the “Automatic voice guidance” feature is turned on, the voice guidance can be heard automatically.

When the “Automatic voice guidance” feature is turned off, the voice guidance can be heard only if the **“MAP/VOICE”** button is pushed.

To turn the “Automatic voice guidance” mode on:

1. **Push the “MENU” button.**
2. **Touch “Navigation” on the “Menu” screen.**
3. **Touch “Setup” on the “Navigation” screen.**

Then touch ⏬ twice to display page 3 of the “Setup” screen.

4. **Touch “On” of “Automatic voice guidance”.**

The selected button is highlighted.

5. **Touch “OK”.**

- **Pop-up message**

When the “Pop-up message” is turned on, the pop-up message will be displayed.

To turn the “Pop-up message” on:

1. **Push the “MENU” button.**
2. **Touch “Navigation” on the “Menu” screen.**
3. **Touch “Setup” on the “Navigation” screen.**

Then touch ⏬ twice to display page 3 of the “Setup” screen.

4. **Touch “On” of “Pop-up message”.**

The selected button is highlighted.

5. **Touch “OK”.**

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

This message appears when the system is in the POI mode and the map scale is over 0,5 miles (1 km) or greater.

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

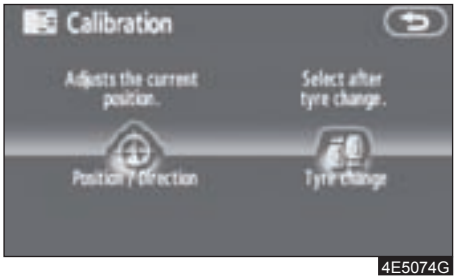
- **Current position/tyre change calibration**

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

1. **Push the “MENU” button.**
2. **Touch “Navigation” on the “Menu” screen.**
3. **Touch “Setup” on the “Navigation” screen.**

Then touch ⏬ twice to display page 3 of the “Setup” screen.

4. **Touch “Adjust” of “Calibration”.**

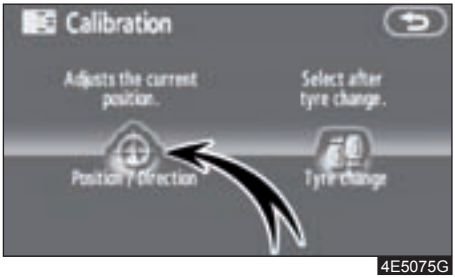


5. **Touch the desired button.**

INFORMATION
For additional information on the accuracy of a current vehicle position, see “Limitations of the navigation system” on page 248.

POSITION/DIRECTION CALIBRATION

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



4E5075G

1. **Touch “Position/Direction”.**

4E5076G

2. **Touch the eight directional touch-screen button to move the cursor ⌖ to the desired point on the map.**
3. **Touch “Enter”.**

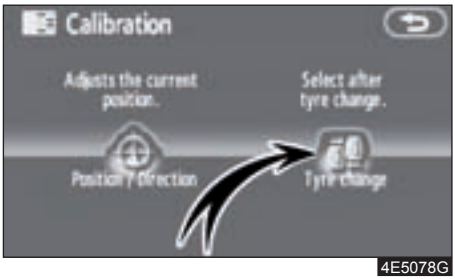
4E5077G

4. **Touch either the ❲ or ❳ to adjust the direction of the current vehicle position mark.**
5. **Touch “Enter”.**

The map screen will be displayed.

TYRE CHANGE CALIBRATION

The tyre change calibration function will be used when replacing the tyres. This function will adjust the miscalculation caused by the circumference difference between the old and new tyres. If this procedure is not performed when the tyres are replaced, the current vehicle position mark may be incorrectly displayed.



4E5078G

To perform a distance calibration procedure, touch “Tyre change” on the “Calibration” screen.

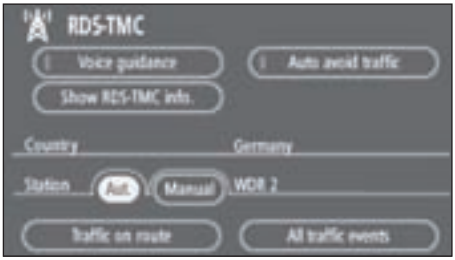
The message appears and the quick distance calibration is automatically started. A few seconds later, a map screen will be displayed.

RDS−TMC (Radio Data System Traffic Message Channel)

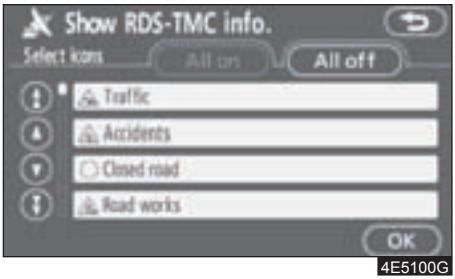
This system has a function by which you can receive the traffic information from the RDS-TMC station based on FM-multiple broadcasting. It assists the driver to avoid areas with traffic congestion. It also helps to improve traffic flow and road safety.

(a) Show RDS-TMC information

1. **Push the “MENU” button to display the “Menu” screen and touch the “RDS-TMC”.**



2. **Touch “Show RDS-TMC info.”.**



4E5100G

3. **Touch “All on” or “All off” and “OK”.**

4E5080G

▶ **On map screen**

4E5081G

▶ **On “Motor way mode” screen**

1 RDS-TMC icon

Icons are displayed on the map. To display information, touch the corresponding icon on the screen.

2 RDS-TMC information arrow

Using TMC information, the system displays arrows along a route. The colour of the arrow indicates specific road condition information.

"Red" indicates stationary traffic flow.
"Orange" indicates traffic jam.
"Blue" indicates closed road, accident and so on.

3 RDS-TMC indicator

The indicator comes on when TMC information is received.

When regulatory information is received, the indicator becomes a touch button.

: Receiving

: Receiving regulatory information

: Receive regulatory information pertaining to the route (touch switch)

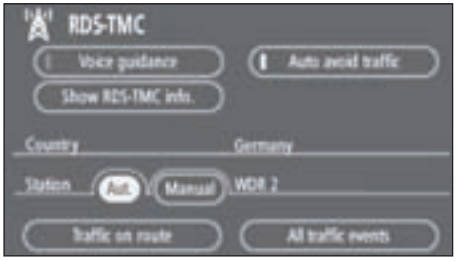
(b) Auto avoid traffic

Using RDS-TMC information, the system automatically calculates a new route.

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

If you touch **"Yes"**, the system changes the guidance route to the new route. Touch **"No"** to keep the previous screen.

1. **Push the "MENU" button to display the "Menu" screen and touch "RDS-TMC".**

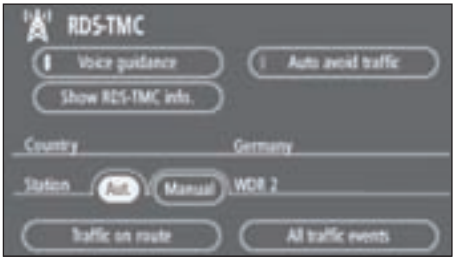


2. **Touch "Auto avoid traffic".**

(c) RDS-TMC voice guidance

The system includes TMC voice guidance. When there are some traffic events on the guidance route, the system will guide you using voice.

1. **Push the "MENU" button to display the "Menu" screen and touch "RDS-TMC".**



2. **Touch "Voice guidance".**

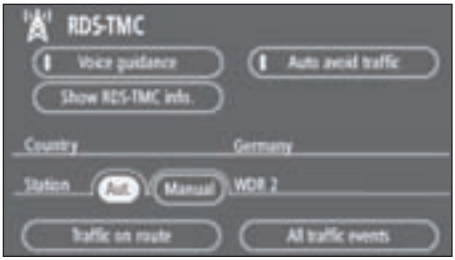
(d) Change area

The system automatically changes the area according to the current vehicle position.

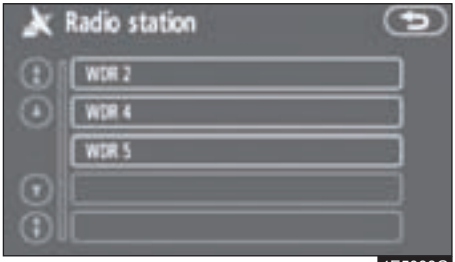
(e) Select RDS-TMC station

The system automatically selects a station that transmits RDS-TMC information based on the signal strength. It is also possible to manually select a RDS-TMC station.

1. **Push the "MENU" button to display the "Menu" screen and touch "RDS-TMC".**



2. **Touch "Manual" to display RDS-TMC "Radio station" screen.**



4E5088G

To select the station, touch the corresponding station touch-screen button. The screen returns to the previous screen to display the selected station.

(f) RDS-TMC text information

When you touch the RDS-TMC icon on the map. "RDS-TMC info." bar appears on the top of the screen.

4E5089G

1. **Touch "Info." on the bar to display the "Traffic information" screen.**

4E5090G

2. **Touch "Detail" to display detailed traffic event information.**

4

4E5091G

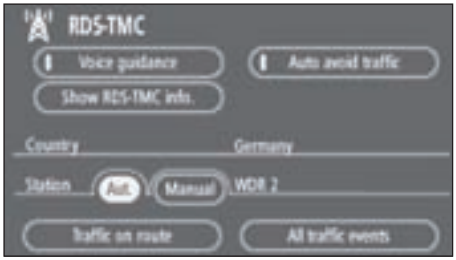
3. **Touch “Map” to display the map around the traffic event.**

4E5092G

The types of the traffic event are displayed on the top of the screen.

(g) Traffic on route

1. **Push the “MENU” button to display the “Menu” screen and touch “RDS-TMC”.**



2. **Touch “Traffic on route” to display the “Traffic on route” screen.**

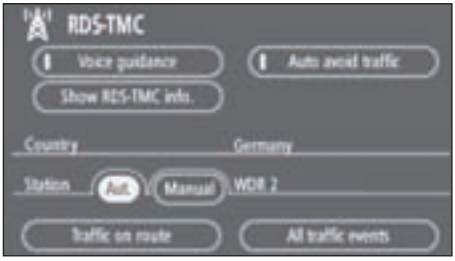
4E5094G

Guidance route traffic information is displayed on the screen.

Touch **“Map”** or **“Detail”**. (See “(f) RDS-TMC text information” on page 115.)

(h) All traffic events

1. **Push the "MENU" button to display the "Menu" screen and touch "RDS-TMC".**



2. **Touch "All traffic events" to display the "All traffic events" screen.**

4E5096G

3. **Touch the desired road name from the list.**

- **When the system receives RDS-TMC info. from two or more countries, the screen below appears.**

4E5097G

Touch the country name from the list.

- **When the system receives RDS-TMC information from U.K, the screen below appears.**

4E5098G

To select road type, touch the corresponding touch-screen button.

4

4. **All traffic information which the system can receive from RDS-TMC station is displayed, regardless of the guidance route.**

5. **Touch “Map” or “Detail”.** (See “(f) RDS-TMC text information” on page 115.)

Section ***5***

OTHER FUNCTIONS

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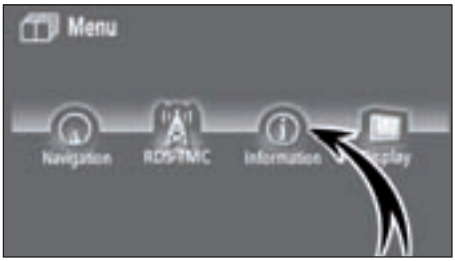
Maintenance information — — Maintenance information setting

When the navigation system is turned on, the “Information” screen displays when it is time to replace a part or certain components. (See page 22.)

1. Push the “MENU” button.



2. Touch “Information”.

3. Touch “Maintenance”.

5E5101G

4. Touch the desired button.

For details of each touch-screen button, see “INFORMATION ITEMS” on page 121.

“Delete all”: To cancel all conditions which have been inputted.

“Reset all”: To reset the item which has satisfied a condition.

“Set dealer”: To register or edit dealer information. (See “ — Dealer setting” on page 122.)

If **“On”** is selected, the system gives maintenance information with the “Information” screen and voice sound when the system is turned on. (See page 22.)

If **“Off”** is selected, the “Information” screen is disabled.

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

INFORMATION ITEMS

"ENGINE OIL": Replace engine oil

"OIL FILTER": Replace engine oil filter

"ROTATION": Rotate tyres

"TYRE": Replace tyres

"BATTERY": Replace battery

"BRAKE PAD": Replace brake linings

"WIPER": Replace wiper blades

"LLC": Replace engine coolant

"BRAKE OIL": Replace brake fluid

"ATF": Replace ATF (Automatic Transmission Fluid)

"SERVICE": Scheduled maintenance

"AIR FILTER": Replace air filter

"PERSONAL": New information items can be created separately from provided ones.

5E5102G

5. Input the conditions.

Notice of "Date": The next maintenance date can be input.

Notice of "Distance": The driving distance until the next maintenance check can be input.

"Delete": To cancel the date and distance conditions.

"Reset": To reset the date and distance conditions.

6. Touch "OK".

The screen then returns to the "Maintenance" screen.

INFORMATION

- ***For scheduled maintenance information, please refer to the "Toyota Service Booklet" or "Toyota Warranty Booklet".***
- ***Depending on driving or road conditions, the actual date and distance may differ from the stored date and distance in the system.***

5

— Dealer setting

It is possible to register a dealer in the system. With dealer information registered, route guidance to the dealer is available.

1. **Push the “MENU” button.**
2. **Touch “Information” on the “Menu” screen.**
3. **Touch “Maintenance” on the “Information” screen.**
4. **Touch “Set dealer” on the “Maintenance” screen.**

5E5A62G

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 42.)

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

5E5104G

6. **Touch the button to be edited.**

“Dealer”: To enter the name of a dealer. (See page 123.)

“Contact”: To enter the name of a dealer member. (See page 123.)

“Location”: To set a location. (See page 123.)

“Phone no.”: To set a telephone number. (See page 124.)

“Delete dealer”: To delete the dealer information displayed on the screen.

“Enter ⊙”: To set the displayed dealer as a destination. (See “Starting route guidance” on page 59.)

- **To edit “Dealer” or “Contact”**

1. **Touch “Dealer” or “Contact” on the “Set dealer” screen.**

5E5105G

2. **Enter the name using the alphanumeric keys.**

Up to 24 letters can be entered.

3. **Touch “OK”.**

The previous screen will be displayed.

- **To edit “Location”**

1. **Touch “Location” on the “Set dealer” screen.**

5E5106G

2. **Touch the eight directional touch-screen button to move the cursor ⌖ to the desired point on the map.**

3. **Touch “Enter”.**

The previous screen will be displayed.

5

- **To edit “Phone no.”**

1. **Touch “Phone no.” on the “Set dealer” screen.**

2. **Enter the number using numeral keys.**
3. **Touch “OK”.**

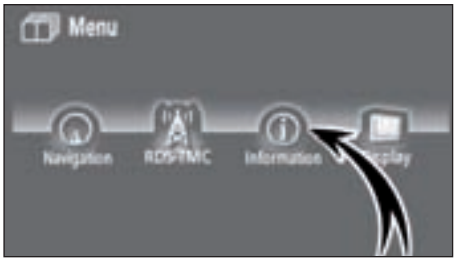
The previous screen will be displayed.

Calendar with memo —

It is possible to enter memos for particular dates on the calendar. The system informs you of the memo entry when the system is turned on. (See page 23.)

Memos can also be used for route guidance if the memo has been registered with location information.

1. **Push the “MENU” button.**



2. **Touch “Information”.**

3. **Touch “Calendar”.**

5E5108G

On this screen, the current date is highlighted in yellow.

▲M or ▼M: To change month.

▲Y or ▼Y: To change year.

"Today": To display the current month calendar (if another month will be displayed).

"List": To display the list of registered memos. (See " — Memo list" on page 127.)

Touching a date button on the "Calendar" screen displays the "Memo" screen.

5E5126G

Memos can be edited by touching the list button. (See " — Editing a memo" on page 127.)

"Add memo": To add a memo. (See " — Adding a memo" on page 126.)

"Mark ○": To change the colour of the mark displayed next to the date. To default the mark colour, touch **"Delete"** on the "Mark colour" screen.

"Date ○": To change the colour of the date. To default the date colour, touch **"Delete"** on the "Date colour" screen.

"Prev. day": To go to the "Memo" screen of the previous date.

"Today": To go to the "Memo" screen for the current day.

"Next day": To go to the "Memo" screen of the next date.

— Adding a memo

If a memo is added, the system informs of the memo entry when the system is started on the memo date. (See page 23.)

1. **Push the “MENU” button.**
2. **Touch “Information” on the “Menu” screen.**
3. **Touch “Calendar” on the “Information” screen.**
4. **Touch the date you want to add a memo on the “Calendar” screen.**

5E5109G

5. **Touch “Add memo”.**

Up to 100 memos can be added.

5E5110G

6. **Touch “Memo”.**

5E5111G

7. **Enter text using the keys.**

Up to 24 letters can be entered.

After entering the text, touch **“OK”** at the bottom right of the screen.

5E5112G

8. **When registering information on the memo, touch “Location”.**

A screen similar to the destination search screen appears. Search the same way as searching a destination. (See “Destination search” on page 42.)

— Editing a memo

The registered memo can be edited.

1. **Push the “MENU” button.**
2. **Touch “Information” on the “Menu” screen.**
3. **Touch “Calendar” on the “Information” screen.**
4. **Touch the day you want to edit a memo on the “Calendar” screen.**

5E5113aG

5. **Touch the memo to be edited.**

5E5114G

6. **Touch the item to be edited.**

“Memo”: To edit a memo. (See “ — Adding a memo” on page 126.)

“Location”: To change a registered location. (See “ — Adding a memo” on page 126.)

“Enter ⊙”: To set the registered location as a destination. (See “Starting route guidance” on page 59.)

“Delete”: To delete the memo.

— Memo list

It is possible to display a memo list by setting a condition.

1. **Push the “MENU” button.**
2. **Touch “Information” on the “Menu” screen.**
3. **Touch “Calendar” on the “Information” screen.**
4. **Touch “List” on the “Calendar” screen.**

5E5115G

5. **Touch the desired search condition to list the memos.**

“This week”: To display the list of memos for the current week.

“This month”: To display the list of memos for the current month.

“Future”: To display a list of future memos.

“Past”: To display the list of past memos.

“All”: To display the list of all memos.

“Period”: To display the list of memos for a specified period. (See page 128.)

5

5E5116G

6. To delete and/or edit the memo, touch the desired memo button.

"Del. all": To delete all the displayed memos.

A message will be displayed.

7. To delete, touch "Yes". To cancel the deletion, touch "No".

- **To display memos for a specified period of time**

1. Touch "Period" on the "Search List" screen.

5E5117G

2. Enter the period using the numeral keys.

The period from January 1, 2008 through December 31, 2027 can be set for searching.

3. After setting the period, touch "OK".

The "Memo list" screen will be displayed.

Hands−free system (for cellular phone) —

Hands-free system allows you to make or receive a call without taking your hands off the steering wheel by connecting your cellular phone.

This system supports Bluetooth®. Bluetooth® is a wireless data system by which you can call without your cellular phone being connected with a cable or placed on a cradle.

If your cellular phone does not support Bluetooth®, this system can not function.

⚠ CAUTION

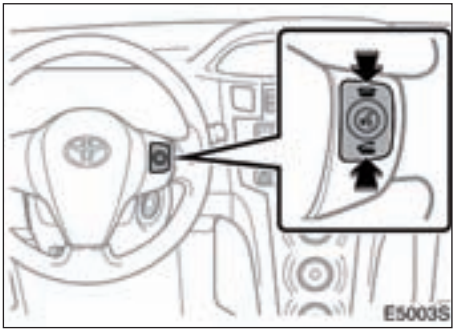
Use a cellular phone or connect the Bluetooth® phone only when safe and legal to do so.

NOTICE

Do not leave your cellular phone in the car. The temperature indoor may be high and damage the phone.

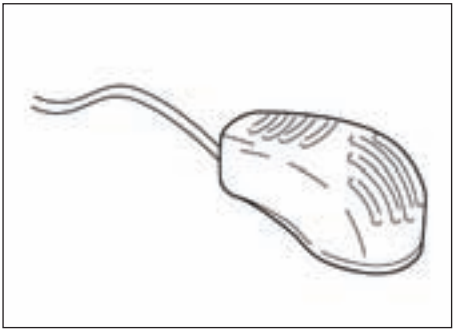
INFORMATION

- ***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.***
- ***If Bluetooth® devices are used for hands-free phone and Bluetooth® audio connections at the same time, the following may occur.***
  - ***The Bluetooth® connection may be cut off.***
  - ***Noise may occur in the audio played from the portable player.***
- ***Even if using a cellular phone that is capable of both hands-free phone and Bluetooth® audio connections, simultaneous connection may not be possible in some cases.***



By pushing the telephone switch above, you can receive a call or hang up without taking your hands off the steering wheel.

Depending on the model or grade, steering wheel switches may not be available.



► Microphone

You can use the microphone above when talking on the phone.

The other party's voice outputs from the driver's speaker. When the received calls or received voice outputs, the audio from the Audio system or voice guidance from the navigation system will be muted.

INFORMATION

- ***Talk alternately with the other party on the phone. If you talk at the same time, the voice may not reach each other. (It is not a malfunction.)***
- ***Keep the volume of receiving voice down. Otherwise, echo is coming up. When you talk on the phone, speak clearly towards the microphone.***
- ***In the following situations, your voice may not reach the other party.***
  - ***Driving on unpaved road. (Making a traffic noise.)***
  - ***Driving at the high speed.***
  - ***The window is open.***
  - ***Turning the air-conditioning vents towards the microphone.***
  - ***The sound of the air-conditioning fan is loud.***
  - ***The cellular phone network has a problem.***

1 **Indicates the condition of Bluetooth® connection.**

"Blue" indicates an excellent connection to Bluetooth®.

"Yellow" indicates a bad connection to Bluetooth®, resulting in possible deterioration of voice quality.

: No connection to Bluetooth®.

2 **Indicates the amount of battery charge as shown below.**

Empty ◄——————► **Full**

It is not displayed while the Bluetooth® is not connected.

The amount left does not always correspond with the one of your cellular phone. This system doesn't have a charging function.

3 **Indicates the receiving area.**

"Rm" is displayed when receiving in Roaming area.

"Ho" is displayed when receiving in Home area.

4 **Indicates the level of reception.**

Too bad ◄——————► **Excellent**

The level of reception does not always correspond with the one of your cellular phone.

INFORMATION

This system supports the following service.

- ***HFP (Hands Free Profile) Ver. 1.0***
- ***OPP (Object Push Profile) Ver. 1.1***

If your cellular phone does not support HFP, you cannot enter the Bluetooth® phone, and take OPP service individually.

5

An antenna for the Bluetooth® connection is built in the display. The indication of the Bluetooth® connection may turn yellow and the system may not function when you use the Bluetooth® phone in the following conditions and places.

- Your cellular phone is hiding behind the display (behind the seat or in the glove box and console box).
- Your cellular phone touches or is covered with metal materials.

Leave the Bluetooth® phone on the place where “Blue” indication is displayed.

Bluetooth is a trademark owned by Bluetooth SIG, Inc.

When you release your car:

A lot of personal data is registered when you use the Hands-free system. When you release your car, initialize your data. (See “(c) Delete personal data” on page 177.)

If you initialize it, the former state will never come back again. Pay much attention when initializing the data.

You can initialize the following data in the system.

- Phonebook data
- Dialed numbers and received calls
- Speed dial
- Bluetooth® phone data
- Security code

— Enter a Bluetooth® phone

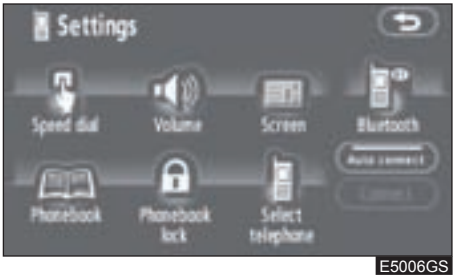
To use the hands-free system, you need to enter your phone into the system. Once you have registered it, you can make a hands-free call.

1. **Push the “TEL” button to display the “Telephone” screen.**

You can also push of the steering wheel to display this screen.

5E5302G

2. **Touch “Settings” to display “Settings” screen.**

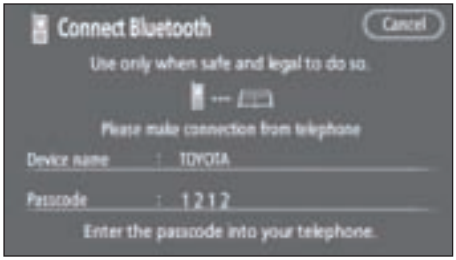


E5006GS

3. Touch “Bluetooth*” to display the “Bluetooth* settings” screen.

4. Touch “Register” to connect your cellular phone to the system.

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



5. When this screen is displayed, input the passcode displayed on the screen into the phone.

For the operation of the phone, see the manual that comes with your cellular phone.

If you want to cancel it, touch **“Cancel”**.

E5009GS

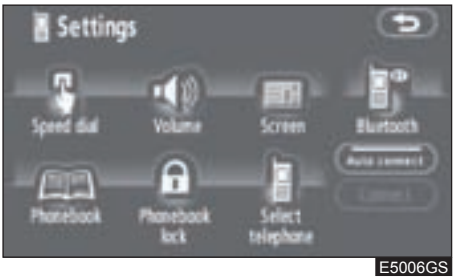
6. When the connection is completed, this screen is displayed.

You do not need to enter the phone in case of using the same one.

5

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

- **Connecting a Bluetooth® phone AUTOMATICALLY**



When you register your phone, auto connection will be turned on. Always set it to this mode and leave the Bluetooth® phone in a condition where connection can be established.

Each time you touch **"Auto connect"**, auto connection will be switched on or off.

Vehicles with smart entry and start system—

When the "ENGINE START STOP" switch is in the ACCESSORY or IGNITION ON mode, the selected Bluetooth® phone will be automatically connected and the connection result is displayed.

This screen appears when the Bluetooth® phone is first connected after the "ENGINE START STOP" switch is turned to the ACCESSORY or IGNITION ON mode.

Vehicles without smart entry and start system—

When the engine switch is in ACC or ON position, the selected Bluetooth® phone will be automatically connected and the connection result is displayed.

This screen appears when the Bluetooth® phone is first connected after the engine switch is in ACC or ON position.

MANUALLY

When the auto connection failed or turned off, you have to connect Bluetooth® manually.

5E5310G

Touch "Connect" after having enabled the Bluetooth® connection on the phone.

E5009GS

When the connection is completed, this screen is displayed.

Now you can use the Bluetooth® phone.

- **Reconnecting the Bluetooth® phone**

Vehicles with smart entry and start system—

If the Bluetooth® phone is disconnected with a poor reception from the Bluetooth® network when the "ENGINE START STOP" switch is in the ACCESSORY or IGNITION ON mode, the system automatically reconnects the Bluetooth® phone. In this case, the connection result is not displayed.

If the Bluetooth® is disconnected on purpose such as you turned your cellular phone off, this does not happen. Reconnect it by the following methods.

- Select the Bluetooth® phone again.
- Enter the Bluetooth® phone.

Vehicles without smart entry and start system—

If the Bluetooth® phone is disconnected with a poor reception from the Bluetooth® network when the engine switch is in ACC or ON position, the system automatically reconnects the Bluetooth® phone. In this case, the connection result is not displayed.

If the Bluetooth® is disconnected on purpose such as you turned your cellular phone off, this does not happen. Reconnect it by the following methods.

- Select the Bluetooth® phone again.
- Enter the Bluetooth® phone.

— Call on the Bluetooth® phone

After you enter the Bluetooth® phone, you can call by using hands-free system. You can call using the 6 methods described below.

- **By dial**

You can call by inputting the telephone number.

Touch the desired key to input the telephone number.

Each time you touch ◄, an inputted digit is deleted.

When you touch , the number you called last is inputted.

Touch or push of the steering wheel.

- **By phonebook**

You can call by phonebook data which is transferred from your cellular phone.

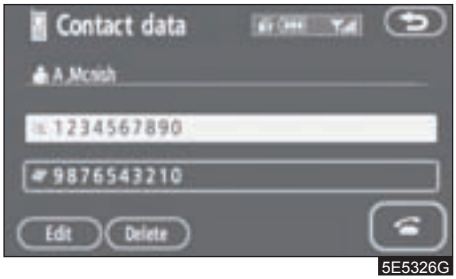
The system has one phonebook. You can register up to 1000 numbers.

5E5330G

1. **Touch “Phonebook” to display “Phonebook” screen.**

5E5325G

2. **Select the desired number from the list.**



5E5326G

Touch or push of the steering wheel.

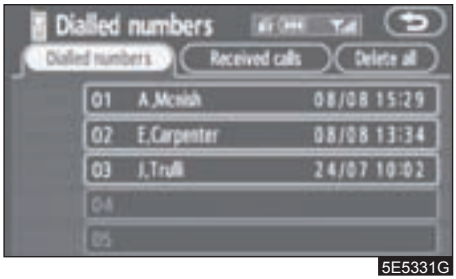
5

- **By dialed numbers**

You can call by dialed number. The system memorizes up to 5 dialed numbers. If it is more than 5, the oldest number is deleted.

5E5330G

1. **Touch “Call log” to display “Dialled numbers” screen.**



5E5331G

- When you call by phonebook, the name (if registered) is displayed.
- When you call the same number continuously, only the newest number is registered.

2. **Select the desired number from the list.**

5E5333G

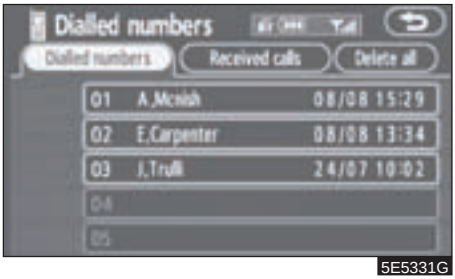
Touch or push of the steering wheel.

- **By received calls**

You can call by received calls. When a call is received, the system memorizes up to 5 numbers. If it is more than 5, the oldest number is deleted.

5E5330G

1. **Touch "Call log" to display the "Dialled numbers" screen.**



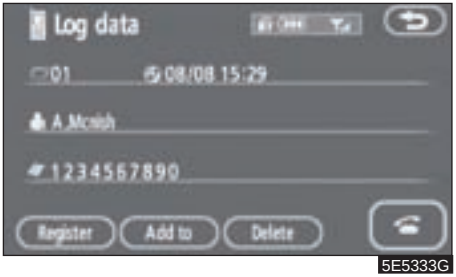
5E5331G

2. **Touch "Received calls" to display the "Received calls" screen.**

5E5332G

- When a telephone number registered in the phonebook is received, the name and the number are displayed.
- Received calls which you did not answer are also memorized in the system and **"Abs."** is displayed on the left side of the number.
- Unnoticed telephone number such as a public telephone is not memorized in the system.

3. **Select the desired number from the list.**



5E5333G

Touch or push of the steering wheel.

- A international phone call may not be made depending on the cellular phone which you have.

- **By speed dial**

You can call by registered telephone number which you selected from a phonebook, dialed numbers and received calls. (See "(a) Registering the speed dial" on page 144 for registering the speed dial.)

5E5334G

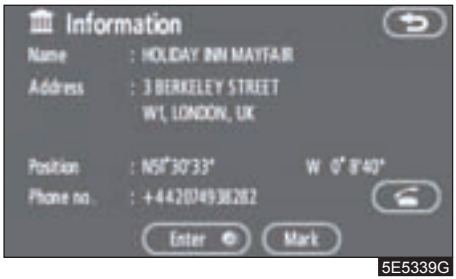
1. **Touch "Speed dial" to display "Speed dial" screen.**

5E5335G

2. **Touch the desired number to call.**

You can change the page by touching "Speed dial 2" or "Speed dial 3".

- **By POI call**



5E5339G

You can call by touching when it is displayed on the screen from navigation system. (See page 31 for details.)

— Receive on the Bluetooth® phone

5E5341G

When a call is received, this screen is displayed with a sound. Touch or push of the steering wheel to talk on the phone.

To hang up the phone:

Touch or push of the steering wheel again.

To refuse to receive the call:

Touch and hold it.

To adjust the volume of received call:

Touch **"–"** or **"+"** or use the volume switch of the steering wheel.

On the international phone call, the other party's name may not be displayed correctly depending on the cellular phone which you have.

— Talk on the Bluetooth® phone

5E5343G

While you are talking on the phone, this screen is displayed. You can do the operation below on the screen.

To adjust the volume of the other party's voice:

Touch **"–"** or **"+"** or use the volume switch of the steering wheel.

To hang up the phone:

Touch or push of the steering wheel.

To mute your voice:

Touch **"Mute"**.

To input a Key:

Touch **"0-9"**.

To transfer the call

Touch **"Transfer call"**.

When you change from cellular phone call to Hands-free call, the Hands-free screen will be displayed and you can operate it on the screen.

Transferring method and behavior are different depending on the cellular phone which you have.

For the operation of the phone, see the manual that comes with your cellular phone.

5E5322G

Touch the desired number to input the key.

To hang up the phone:

Touch ☎ or push ☎ of the steering wheel.

5E5483G

If the continuous tone signal is registered in a phonebook, this screen appears. (If not registered, "Send" and "Exit" are not displayed.)

Confirm the number displayed on the screen and touch "Send". The number before marked sign will be sent.

When you touch **"Exit"**, this function will be finished and normal tone screen appears.

To hang up the phone:

Touch ☎ or push ☎ of the steering wheel.

The continuous tone signal is the marked sign (p or w) and the number following telephone number. (ex. 056133w0123p#1✳)

You can do this operation when you want to operate an answering machine or use a telephone service in bank for example. You can register the phone number and the code number in the phonebook.

- **Sending a tone by the speed tone**

You can send a tone by the speed tone. (For registering the speed tone, see "(b) Registering the speed tone" on page 146.)

5E5466G

1. **Touch "Speed tone".**

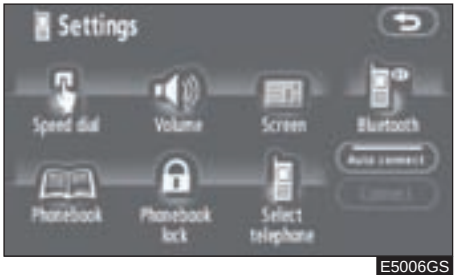
5E5467G

2. **Touch the desired button to send a tone.**

— Change the settings of the Bluetooth® phone

5E5347G

Touch "Settings" to display "Settings" screen.



E5006GS

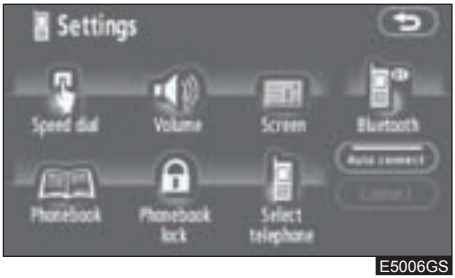
You can change the settings of the phone.

5

(a) Registering the speed dial

You can register the desired telephone number from phonebook, dialed numbers and received calls. Up to 17 speed dial numbers can be registered.

The 6th entry is the speed dial for redialing.



E5006GS

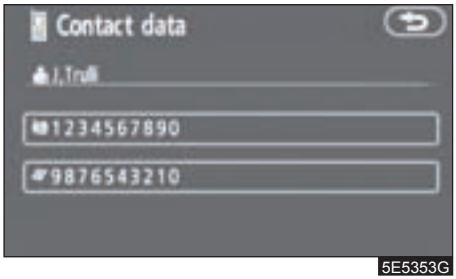
1. **Touch “Speed dial” to display the “Speed dial settings” screen.**

5E5351G

2. **Touch “Register” of “Speed dial”.**

5E5325G

3. **Select the data you want to register.**



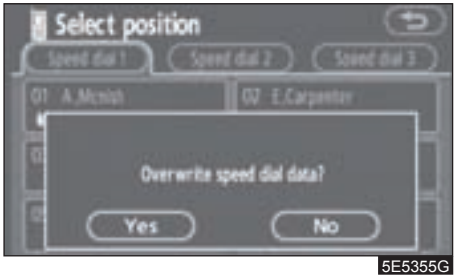
5E5353G

4. **Touch the desired telephone number.**

5E5354G

5. **Touch the touch-screen button you want to register in.**

The latest dialed number is registered in the 6th item (speed redial).



5E5355G

If you select a touch-screen button you registered before, this screen is displayed.

6. **Touch “Yes” if you want to overwrite it.**

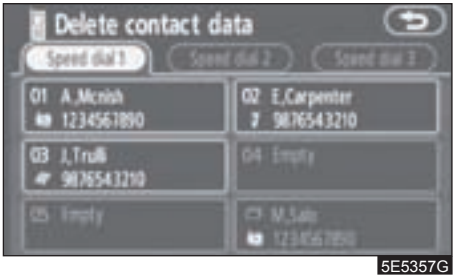
- **Deleting the speed dial individually**

You can delete “01” - “17” of the speed dial individually.

If you delete them all at once, all of 17 numbers are deleted.

5E5356G

1. **Touch “Delete” of “Speed dial”.**



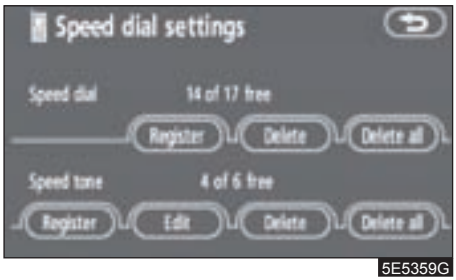
5E5357G

2. **Touch the touch-screen button you want to delete.**

5E5358G

3. **Touch “Yes”.**

- **Deleting all of the speed dial**



5E5359G

1. **Touch “Delete all” of “Speed dial”.**

5E5360G

2. **Touch “Yes”.**

5

(b) Registering the speed tone

You can register the desired tone number. Up to 6 speed tone numbers can be registered.

5E5468G

1. **Touch “Register” of “Speed tone”.**

5E5469G

2. **Use the software keyboard to input the name.**

5E5470G

3. **Input the number and touch “OK”.**

5E5471G

4. **Touch the desired touch-screen button you want to register in.**

5E5472G

If you select a touch-screen button you register before, this screen is displayed.

5. **Touch “Yes” if you want to overwrite it.**

- **Editing the speed tone**

You can edit the speed tone.

5E5473G

1. **Touch “Edit” of “Speed tone”.**

5E5474G

2. **Touch the touch-screen button you want to edit.**

5E5475G

3. **Use the software keyboard to input the name.**

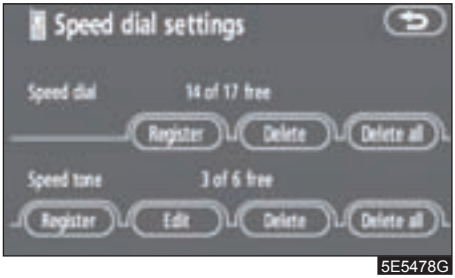
5E5476G

4. **Input the number and touch “OK”.**

- **Deleting the speed tone individually**

You can delete “1” to “6” of the speed tone.

If you delete them all at once, all of 6 numbers are deleted.



5E5478G

1. **Touch “Delete” of “Speed tone”.**

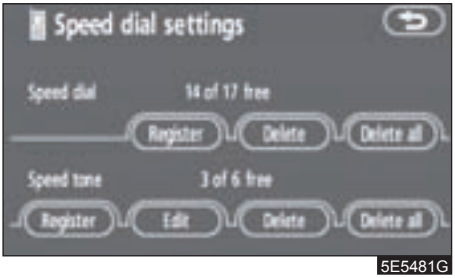
5E5479G

2. **Touch the touch-screen button you want to delete.**

5E5480G

3. **Touch “Yes”.**

- **Deleting all the speed tone**



5E5481G

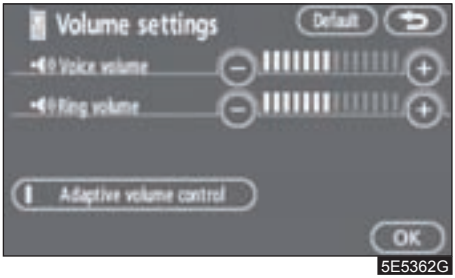
1. **Touch “Delete all” of “Speed tone”.**

5E5482G

2. **Touch “Yes”.**

(c) Setting the volume

1. Touch “Volume” to display the “Volume setting” screen.



2. Touch “-” or “+” to adjust the “Voice volume” or “Ring volume”.

“Voice volume”. . . . . Adjusting the other party's voice.

“Ring volume” . . . . . Adjusting the ring volume.

- **Automatic volume settings for high speed**

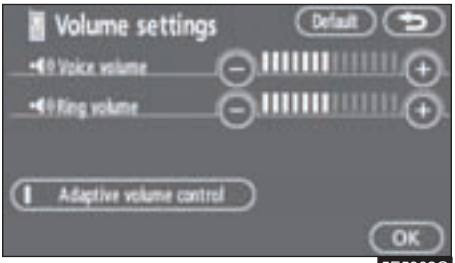
You can set the volume one step up when the speed is over 80 km/h (50 mph). (When it is under 70 km/h (43 mph), previous volume is back.)

Each time you touch **“Adaptive volume control”**, you can switch on or off.

5

- **Initializing the settings**

You can initialize the settings.



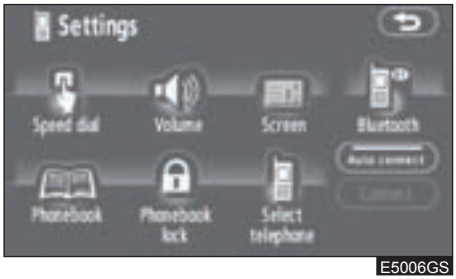
5E5362G

Touch “Default”.

5E5363G

Touch “Yes”.

(d) Setting the screen



E5006GS

1. **Touch “Screen” to display the “Screen settings” screen.**

5E5365G

2. **Do the detail settings of the screen and touch “OK”.**

- **Receiving call display**

You can select the method of the receiving call display.

5E5365G

Touch “Full” or “Icon”.

“Full” mode . . . . . When a call is received, the Hands-free screen is displayed and you can operate it on the screen.

“Icon” mode . . . . . The message is displayed on the upper side of the screen. You can only operate the steering switch.

- **Auto answer**

When a call is received, the display automatically changes to the talking screen and you can start to talk on the phone (without touching any button) after the preset time.

5E5366G

Touch “On” of “Auto answer” and “-” or “+” to adjust the waiting time of auto answer within 1 - 60 seconds.

5

- **The Bluetooth® connection status at start up**

5E5309G

Vehicles with smart entry and start system—

When the "ENGINE START STOP" switch is in the ACCESSORY or IGNITION ON mode and the Bluetooth® is automatically connected, the connection check is displayed.

Vehicles without smart entry and start system—

When the engine switch is in ACC or ON position and the Bluetooth® is automatically connected, the connection check is displayed.

5E5366G

Touch "On" or "Off" of "Show Bluetooth* connection status at ignition on".

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

- **Initializing the settings**

You can initialize the settings.

5E5366G

Touch "Default".

5E5368G

Touch "Yes".

(e) Setting the phonebook

You can register phone numbers in the phonebook.

E5006GS

Touch “Phonebook” to display the “Phonebook management” screen.

5E5370G

You can do the detail settings of phonebook.

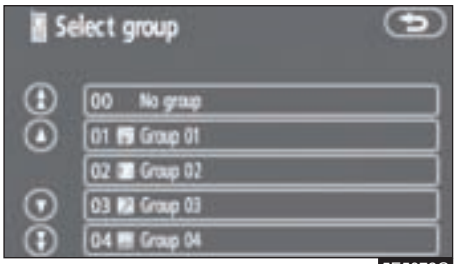
- **Transferring a telephone number**

You can transfer the telephone numbers in your Bluetooth® phone to the system. Up to 1000 person's data (up to 2 numbers a person) can be registered in the phonebook.

Transfer it while the engine is running.

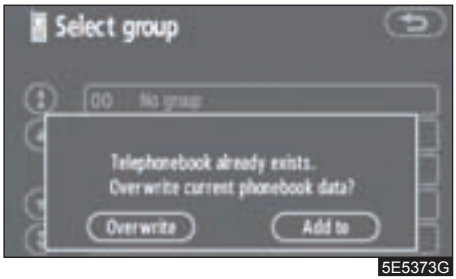
5E5371G

1. **Touch “Transfer data” to display “Select group” screen.**



5E5372G

2. **Select the group you want to transfer to.**



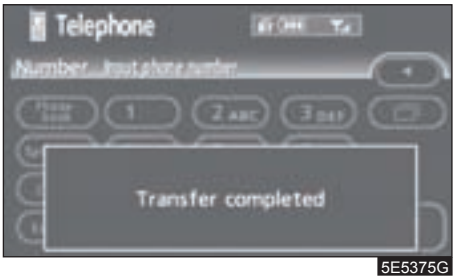
5E5373G

3. **Touch “Overwrite” or “Add to”.**

E5029GS

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

This screen appears while transferring. To cancel it, touch **"Cancel"**. If the transferring is interrupted on the way, the phonebook data transferred until then can be memorized in the system.



5E5375G

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

5E5376G

When this screen is displayed, try the transfer operation again.

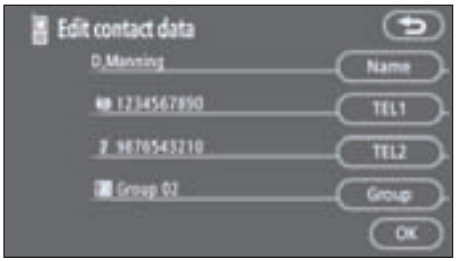
- **Registering the phonebook data**

You can register the phonebook data.

5E5377G

1. Touch "Register" of "Phonebook".

2. Touch the desired touch-screen button to edit the phonebook.



3. When you complete the edit, touch "OK".

- **Editing the name**

When you don't input the name, the number is displayed.

1. **Touch “Name”.**

5E5383G

2. **Use the software keyboard to input the name.**

- **Editing the phone number**

You can register the phone number in “TEL1” and “TEL2” separately. Up to 2 numbers a person can be registered.

1. **Touch “TEL1” or “TEL2”.**

5E5385G

2. **Input the number and touch “OK”.**

5E5386G

3. **Select the desired icon.**

5

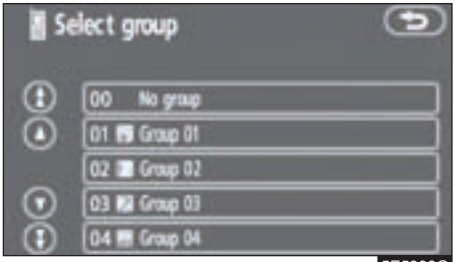
- **Selecting the group**

You can set a group for a contact (for example: “Family”, “Friends”, “Office”...). It will then be easier for you to find this contact when needed, by using the group display.

You can select “No Group” or “Group 01” to “Group 19”.

“No Group” is displayed if you don't set the group.

1. **Touch “Group”.**

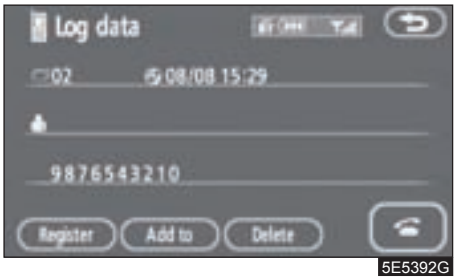


5E5388G

2. **Select the desired group.**

- **Adding the data to the phonebook**

You can add data to the phonebook.



5E5392G

1. **Touch “Add to”.**

5E5393G

2. **Select the data you want to add log data to.**

3. **Confirm the added data on the screen and touch “OK”.**

- **Editing the data**

You can edit the registered data.

5E5395G

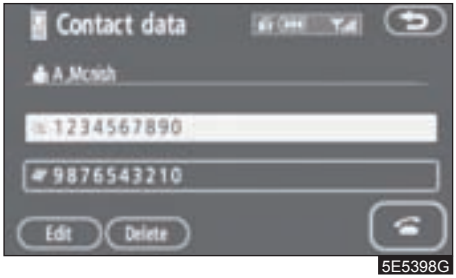
1. Touch “Edit”.

5E5396G

2. Select the data you want to edit.

3. Touch the desired touch-screen button.

When you edit the data, touch **“OK”**.



5E5398G

When you also touch “Edit” on this screen, you can edit it.

5

- **Deleting the data**

You can delete the data.

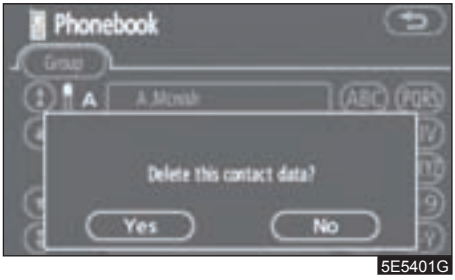
When you release your car, delete all your data on the system.

5E5399G

1. **Touch “Delete” of “Phonebook”.**

5E5400G

2. **Touch the desired touch-screen button.**



5E5401G

3. **Touch “Yes”.**

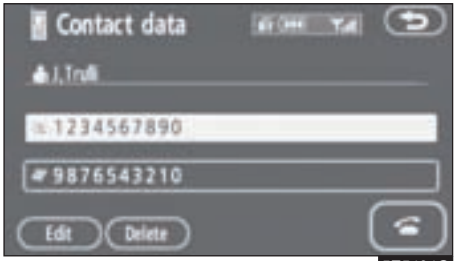
You can also delete it in the following way.

5E5330G

1. **Touch “Phonebook”.**

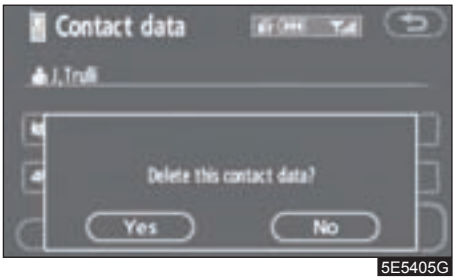
5E5403G

2. **Select the desired data.**



5E5404G

3. **Touch “Delete”.**



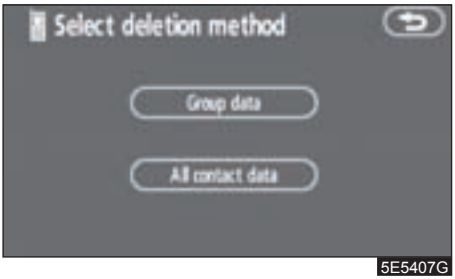
5E5405G

4. Touch “Yes”.

- **Deleting all the phone data**

5E5406G

1. Touch “Delete all” of “Phonebook”.



5E5407G

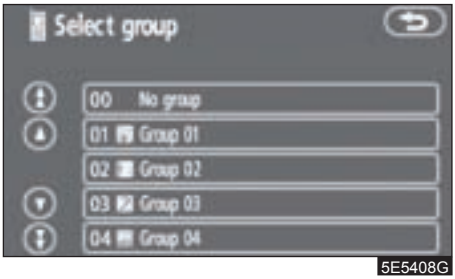
2. Select the deleting method.

“Group data”
. . . . . .Deleting all the phone data in group.

“All contact data”
. . . . . .Deleting all the phone data.

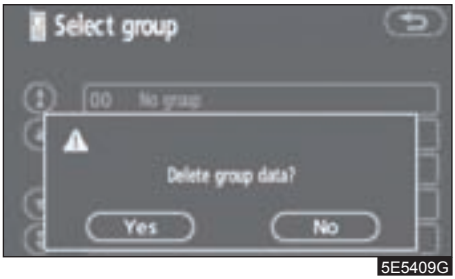
5

3. When you select “Group data”, the “Select group” screen is displayed.



5E5408G

4. Select the desired group.



5E5409G

5. Touch “Yes”.

You can also delete it in the following way.

5E5330G

1. Touch “Phonebook”.

5E5411G

2. Touch “Delete all”.

5E5412G

3. Touch “Yes”.

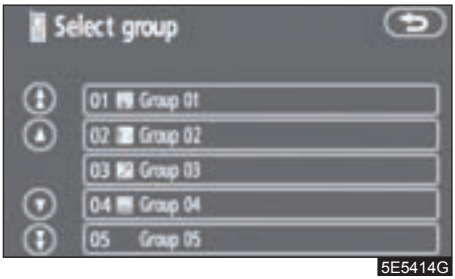
- **Registering a group name**

You can register 20 groups. “No Group”, “Group 01” - “Group 19” is registered by default.

You can change **“Group 01” - “Group 19”** into desired names.

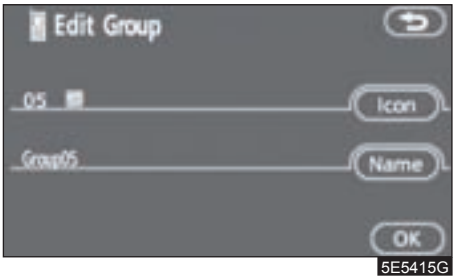
5E5413G

1. **Touch “Register” of “Group name”.**



5E5414G

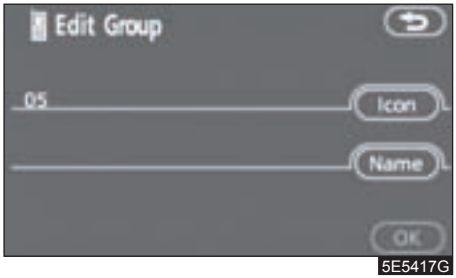
2. **Select the group you want to register.**



5E5415G

3. **When you complete all the edit, touch “OK”.**

- **Selecting a group icon**



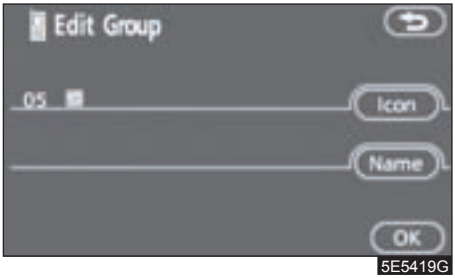
5E5417G

1. **Touch “Icon”.**

5E5418G

2. **Select the desired icon.**

- **Editing a group name**



5E5419G

1. **Touch “Name”.**

5E5420G

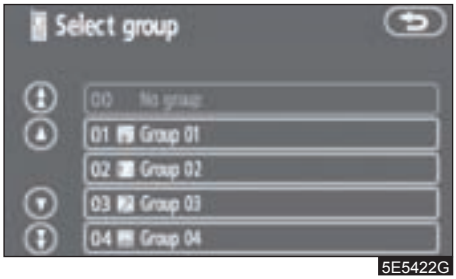
2. **Use the software keyboard to input the name.**

- **Deleting a group name**

You can delete the group names individually or all at once. If you delete a group name, that group will return to the default setting (excluding “No Group”).

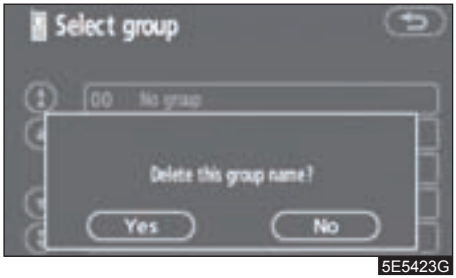
5E5421G

1. **Touch “Delete” of “Group name”.**



5E5422G

2. **Select the group you want to delete the name of.**



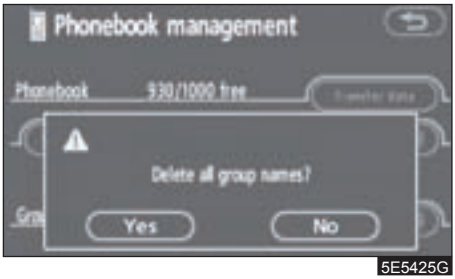
5E5423G

3. **Touch “Yes”.**

- **Deleting all the group name**

5E5424G

1. **Touch “Delete all” of “Group name”.**



5E5425G

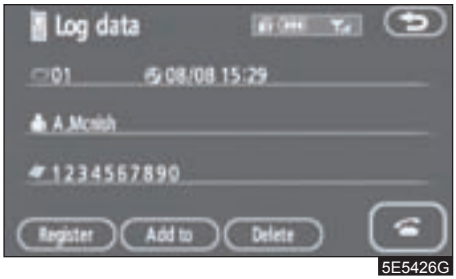
2. **Touch “Yes”.**

- **Deleting the log data**

You can delete the log data individually or all at once.

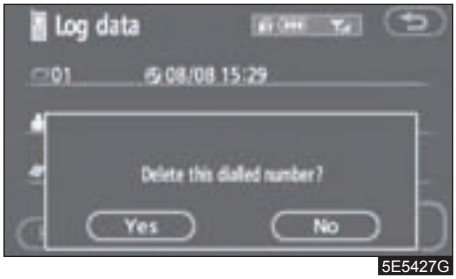
When you release your car, delete all the data on the system.

INDIVIDUALLY



5E5426G

1. **Touch “Delete” on the “Log data” screen.**

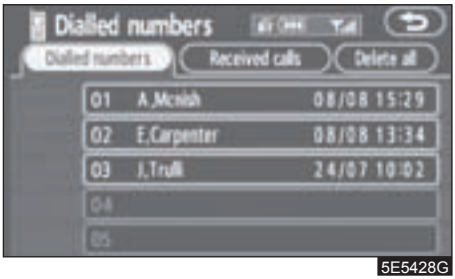


5E5427G

2. **Touch “Yes”.**

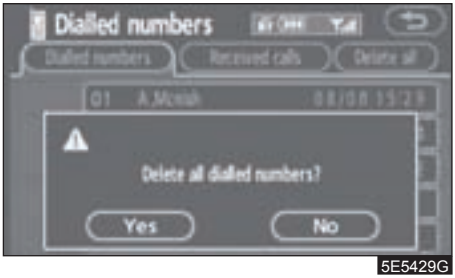
5

ALL AT ONCE



5E5428G

1. **Touch “Delete all” on the “Dialled numbers” or “Received calls” screen.**



5E5429G

2. **Touch “Yes”.**

(f) Setting the security

When you set the security, you can prevent people from using some functions of the Hands-free system. It is useful when you leave your car with the hotel or you don't want others to see the data you registered.

When you set or unlock the security, you have to input the security code. Be sure to change the default code when you use the security for the first time.

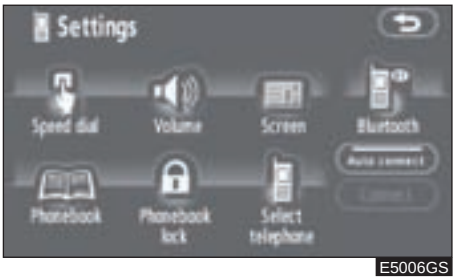
- **Changing the security code**

The security code is 4 digits and the default is “0000”.

Change a new code that is hard for other people to know.

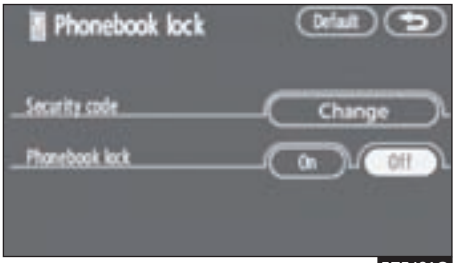
When you change the security code, don't forget the code. The dealers cannot unlock the security when you forget it.

If you forget the security code, initialize your personal data. When you initialize it, not only the phonebook data but also the memory points in the navigation system, etc. will be deleted. (See “● Initializing the security code” on page 167.)



E5006GS

1. Touch “Phonebook lock”.



5E5431G

2. Touch “Change”.

5E5432G

3. Input the security code.

Each time you touch ◄, an input digit is deleted.

5E5434G

4. Touch “Yes”.

5

- **Phonebook Lock**

When you set the phonebook lock, you can have the following functions locked.

- Display of the phonebook screen and transferring, registering, editing, deleting the phonebook data.
- Display of speed dial screen, registering, deleting the speed dial and speed dialing.
- Display of the other party's name for calls being received or made.
- Display of dialed numbers screen and received calls screen, deleting dialed numbers and received numbers.
- Display of phone information screen.
- Changing the security code.

5E5435G

1. Touch “On”.

5E5436G

2. Input the security code and touch “OK”.

- **Initializing the security code**

You can initialize the settings.

5E5439G

1. **Touch “Default”.**

5E5440G

2. **Input the security code and touch “OK”.**

5E5441G

3. **Touch “Yes”.**

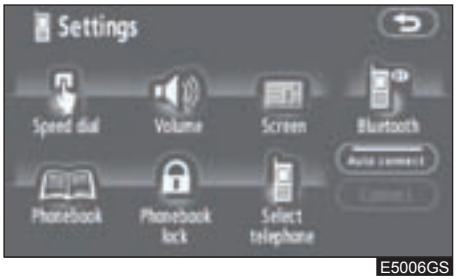
— Set a Bluetooth® phone

- **Selecting a Bluetooth® phone**

In case you register more than one Bluetooth® phone, you need to choose a favorite one.

5E5302G

1. **Touch “Settings” to display “Settings” screen.**



E5006GS

2. **Touch “Select telephone” to display “Select telephone” screen.**

5

You can select the Bluetooth® phone from a maximum of 6 numbers.

“Empty” is displayed when you have not registered a Bluetooth® phone yet.

Bluetooth® mark is displayed when you choose the phone.

5E5443G

Although you can register up to 6 Bluetooth® phones in the system, only one Bluetooth® phone can function at a time.

5E5444G

3. Touch “OK”.

When the result message is displayed, you

E5009GS

can use the Bluetooth® phone.

When another Bluetooth® phone is trying to connect, this screen is displayed.

5E5446G

Touch “Yes” or “No”.

- **Displaying Bluetooth® information**

You can see or set the information of the Bluetooth® phone on the system.

“Device name”

. . . . . .The name of Bluetooth® phone which is displayed on the screen. You can change it into a desired name.

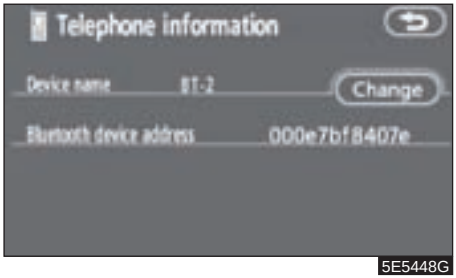
“Bluetooth* device address”

. . . . . .The address peculiar to the system. You cannot change it.

5E5447G

1. **Select the desired phone and touch “Information”.**

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



5E5448G

2. **When you complete confirming it, touch .**

5

- **Changing a device name**

You can change a device name. If you change a device name, the name registered in your cellular phone is not changed.

5E5450G

1. **Touch “Change”.**

5E5451G

2. **Use the software keyboard to input the device name.**

- **Changing the Bluetooth® settings**

You can change the display and settings of Bluetooth® information on the system.

The information displays the following items.

“Device name”

. . . . . .The name in the Bluetooth® network. You can change it.

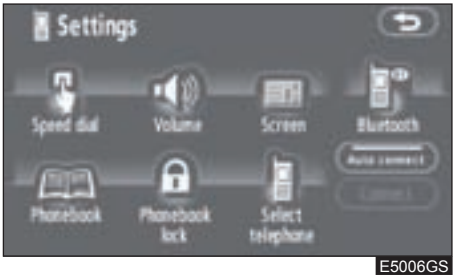
“Passcode”

. . . . . .The password when you register your cellular phone in the system. You can change it into the figure of 4-8 digits.

“Device address”

. . . . . .The address peculiar to the system. You can not change it. If you have registered two Bluetooth® phones with the same device name or passcode and you cannot distinguish one from the other, refer to it.

When you change the device name or passcode, do the followings.



1. Touch “Bluetooth*”.

2. Touch “Change” of “Device name” or “Passcode”.

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

3. Use the software keyboard to input the device name.

You can input up to 20 characters.

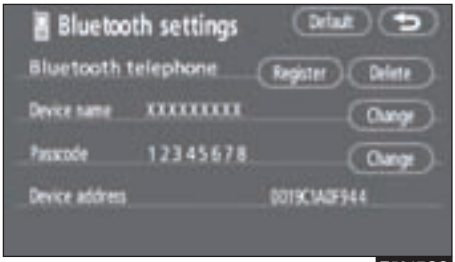
4. Input a passcode with 4 - 8 digits.

When you touch ◄, the input number is deleted.

5

- **Initializing the Bluetooth® settings**

You can initialize the settings.



E5017GS

1. Touch “Default”.

E5018GS

2. Touch “Yes”.

- **Deleting a Bluetooth® phone**

1. Touch “Delete” of “Bluetooth* telephone”.

5E5461G

2. Select the telephone you want to delete and touch “OK”.

5E5462G

3. Touch “Yes”.

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

When you delete the telephone while another Bluetooth® phone is connecting, this message is displayed.

5E5446G

Touch “Yes”.

- **Displaying the information of the Bluetooth® phone you delete**

You can display the information of the Bluetooth® phone before you delete it and you can make sure whether the telephone you delete is correct or not.

5E5464G

1. **Select the telephone you want to display the information about.**

5E5465G

2. **When you complete confirming it, touch .**

5

DECLARATION OF CONFORMITY
Directive 1999/5/EC(R&TTE)

Manufacturer or
Authorized representative : ***AISIN AW CORPORATION***

Address : ***6-18 Harayama, Oka-Cho, Okazaki, Aichi, Japan***

We declare on our sole responsibility, that the following product :

- Kind of equipment : ***Car Navigation System***

- Type-designation : ***EA08A11***

is in compliance with the essential requirement of § 3 of the R&TTE.

- Health and safety requirements pursuant to § 3(1)a :
  Applied Standard(s) or other means of providing conformity :
IEC 60950-1 : 2001, First Edition and
EN60950-1 : 2001 +A11 : 2004

- Protection requirements concerning EMC § 3(1)b :
  Applied Standard(s) or other means of providing conformity :
EN 300 440-1 V1.3.1 : 2001-09 ***EN 300 440-2 V1.1.2 : 2004-07***
EN 301 489-1 V1.6.1 : 2005-09 ***EN 301 489-3 V1.4.1 : 2002-08***
EN 301 489-17 V1.2.1 : 2002-08
EN 300 328 V1.7.1 : 2006-10

- Measures for the effective use of the Radio frequency spectrum § 3(2) :
  Applied Standard(s) or other means of providing conformity :
EN 55013:2001+A1:2003+A2:2006
EN55020:2007

CE Marking ;

CE

Japan 08.2008
Place and date of issue

Screen adjustment

The brightness of the screen can be adjusted depending on the brightness of your surroundings. You can also turn the display off.

Push the "MENU" button to display the "Menu"screen and touch "Display".

Brightness adjustment

"Brightness" "+": Brightens the screen.

"Brightness" "–": Darkens the screen.

After adjusting the screen, touch "OK".

The screen goes off when "Screen off" is touched. To turn the display screen back on, push any button such as **"MENU"**, etc. The selected screen appears.

INFORMATION
When you do not touch any button on the "Display" screen for 20 seconds, the previous screen will be displayed.

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

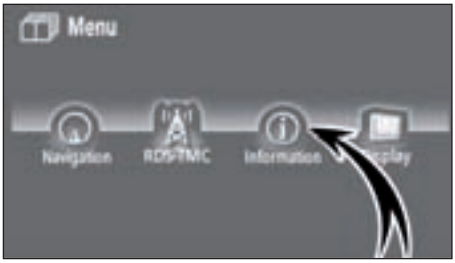
To display the screen in the day mode even with the headlight switch on, touch **"Day mode"** on the adjustment screen for brightness control.

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

5

Screen setting

1. Push the “MENU” button.

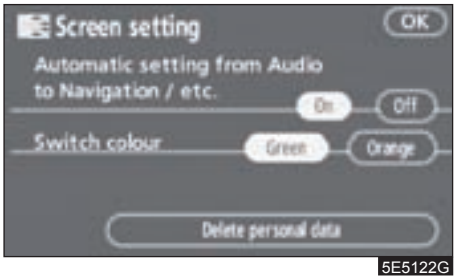


2. Touch “Information”.

3. Touch “Screen setting”.

(a) Automatic transition

You can select a function that enables automatic return to the navigation screen from the audio screen.



Select “On” or “Off” and then touch “OK”.

“On”: The navigation screen automatically returns from the audio screen 20 seconds after the end of audio screen operation.

“Off”: The audio screen remains on.

(b) Switch colour

You can select the colour of the touch-screen buttons.

Select “Green” or “Orange” and then touch “OK”.

(c) Delete personal data

The following personal data can be deleted or returned to their default settings:

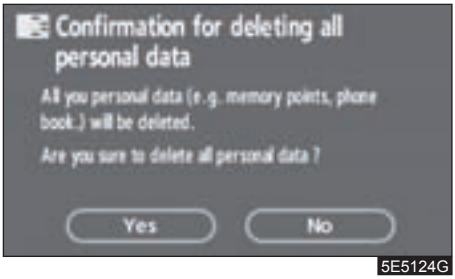
- **Maintenance conditions**
- **Maintenance information “off” setting**
- **Memory points**
- **Areas to avoid**
- **Previous points**
- **Route trace**
- **User selection settings**
- **Phonebook data**
- **Dialed numbers and received calls**
- **Speed dial**
- **Bluetooth® phone data**
- **Security code**

1. Touch “Delete personal data”.

The “Delete personal data” screen appears.

2. Touch “Delete”.

The “Confirmation for deleting all personal data” screen appears.

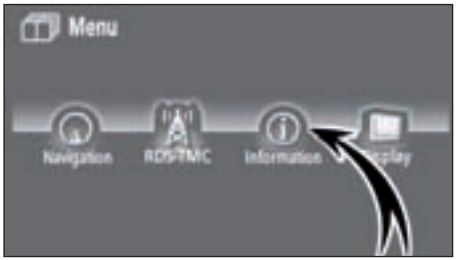


3. Touch “Yes”.

Beep setting

You can set a beep sound off.

1. Push the “MENU” button.



2. Touch “Information”.

3. Touch “Beep off”.

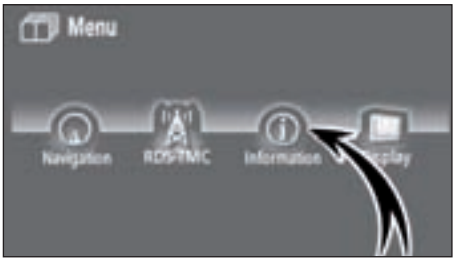
“Beep off” is highlighted.

To switch the beep sound on, touch **“Beep off”** again.

Selecting a language

The language of the touch-screen buttons, pop-up messages and the voice guidance can be changed.

1. Push the “MENU” button.



2. Touch “Information”.

3. Touch “Language”.

On this screen, you can select the language shown on the screen.

4. Touch the desired button on the screen.

“GB”: English
“D”: German
“F”: French
“I”: Italian
“NL”: Dutch
“E”: Spanish
“S”: Swedish
“DK”: Danish
“N”: Norwegian
“P”: Portuguese

Section 6

AUDIO SYSTEM

- Quick reference 182
- **Using your audio system** 183
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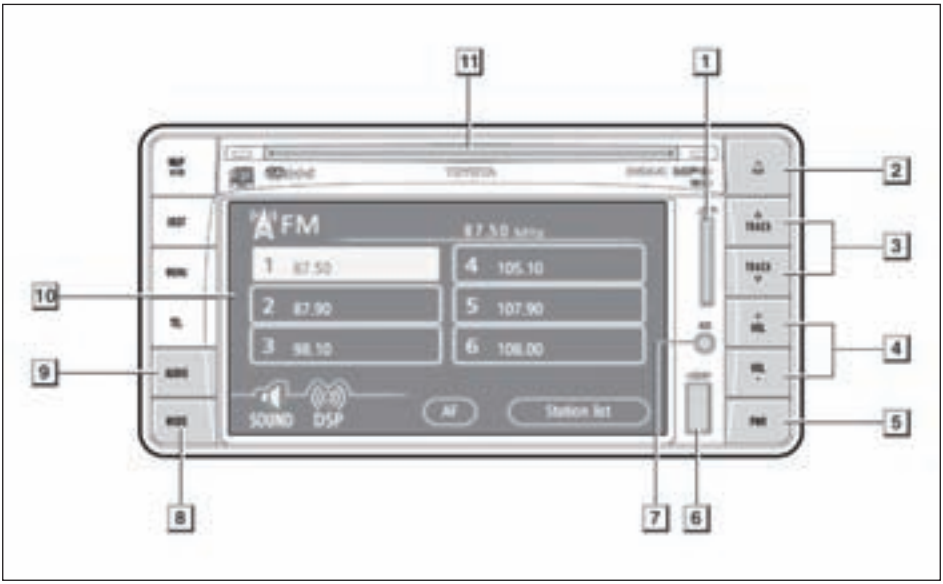
  - Radio operation 188
  - CD player operation 192
  - SD/USB player operation 202
  - Bluetooth® audio operation 211
  - AUX operation 226
  - iPod operation 228
- Audio remote controls 237
- Audio system operating hints 238

6

Quick reference



1 **SD memory card slot**
Insert an SD memory card for the SD player into this slot. For details, see page 203.

2 **"⏏" button**
Push this button to eject a disc. For details, see page 193.

3 **"∧ TRACK" or "TRACK ∨" button**
Push the **"∧ TRACK"** or the **"TRACK ∨"** button to move up or down the frequency, track or file.
Push and hold the **"∧ TRACK"** or the **"TRACK ∨"** button to seek up or down for a station.
For details, see pages 189, 195, 198, 207, 220 and 233.

4 **"+ VOL" or "VOL –" button**
Push **"+ VOL"** or **"VOL -"** button to adjust the volume. For details, see page 184.

5 **"PWR" button**
Push this button to turn the audio system on and off. For details, see page 184.

6 **USB port**
Plug a USB memory device for the USB player into this port. For details, see page 204.

7 **AUX port**
Plug a portable audio device into this port to play in AUX mode. For details, see page 227.

8 **“MODE” button**

Push this button to display the audio selection screen. For details, see page 184.

9 **“AUDIO” button**

Push this button to display the audio control screen. For details, see page 184.

10 **Function button display screen**

Touch the buttons displayed on the screen to control the radio, CD player, SD/USB player, Bluetooth® audio, AUX or iPod. For details, see page 186.

11 **CD slot**

Insert a disc for the CD player into this slot. For details, see page 193.

Using your audio system — — Some basics

Vehicles with smart entry and start system—

Your audio system works when the “ENGINE START STOP” switch is in the ACCESSORY or IGNITION ON mode.

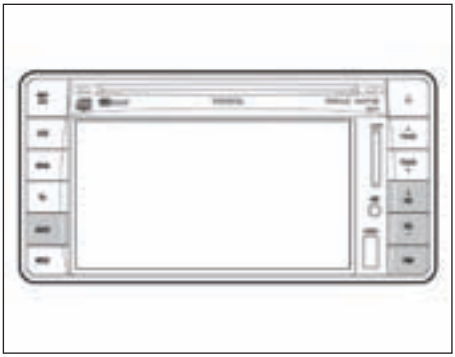
Vehicles without smart entry and start system—

Your audio system works when the engine switch is in ACC or ON position.

NOTICE

To prevent the battery from being discharged, do not leave the audio system on longer than necessary when the engine is not running.

- **Turning the system on and off**



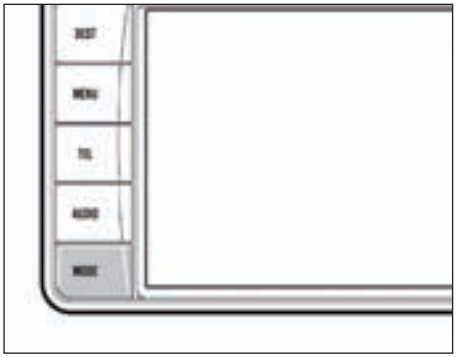
“PWR”: Push this button to turn the audio system on and off. The system turns on in the last mode used.

“+ VOL” or “VOL –” button: Push this button to adjust the volume.

“AUDIO”: Push this button to display touch-screen buttons for audio system (audio control mode).

You can select the function that enables automatic return to the previous screen from the audio screen. See “(a) Automatic transition” on page 176 for details.

- **Switching between functions**



1. Push the “MODE” button.

2. Touch the desired mode button. The screen of the selected mode is displayed.

Touch these buttons if you want to switch from one mode to another.

Changing modes to DAB, CDCH, Bluetooth® audio, iPod, SD, USB, or AUX is not possible unless they are connected.

If the disc is not set, the “CD” screen will not appear.

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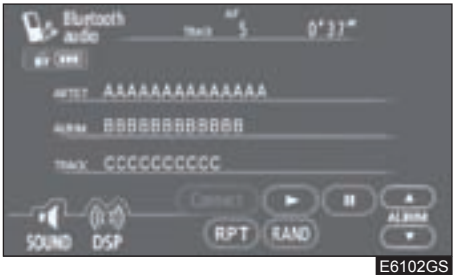

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*if the iPod connecting cable is connected

The buttons for radio, CD player, SD/USB player, Bluetooth® audio, AUX and iPod operation are displayed on the function button display screen when the audio control mode is selected.

Touch them lightly and directly on the screen.

The selected button is highlighted.

INFORMATION

- ***If the system does not respond to a touch of a touch-screen button, move your finger away from the screen and then touch it again.***
- ***You cannot operate dimmed touch-screen buttons.***
- ***Wipe off fingerprints on the surface of the display using a glass cleaning cloth.***

- **Tone and balance**

Tone

How good an audio program sounds to you is largely determined by the mix of the treble, midrange, and bass levels. In fact, different kinds of music and vocal programs usually sound better with different levels of treble, midrange, 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 if you are listening to a stereo recording or broadcast, changing the right/left balance will increase the volume of one group of sounds while decreasing the volume of another.

1. Push the “AUDIO” button.

2. Touch “SOUND”.

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3. Touch the desired button.

"TREB" "+" or "–": Adjusts high-pitched tones.

"MID" "+" or "–": Adjusts mid-pitched tones.

"BASS" "+" or "–": Adjusts low-pitched tones.

"FRONT" or "REAR": Adjusts sound balance between the front and rear speakers.

"L" or "R": Adjusts sound balance between the left and right speakers.

4. Touch "OK".

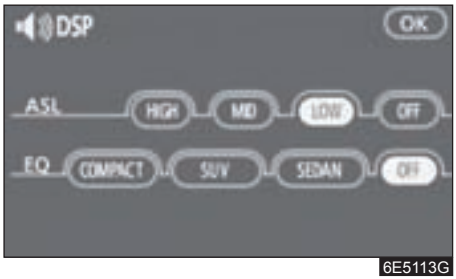
The tone of each mode (for such as AM, FM and CD player) can be adjusted.

- **DSP control**

You can change the automatic sound levelizer and the equalizer system.

1. Push the "AUDIO" button.

2. Touch "DSP".



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Automatic sound levelizer (ASL):

When the audio sound becomes difficult to hear due to road noise, wind noise or other noises while driving, touch **"HIGH"**, **"MID"** or **"LOW"**. The system adjusts to the optimum volume and tone quality according to the noise level.

When the system is on, the sound adjustment level is displayed on the screen.

To turn off the system, touch the **"OFF"** switch.

Equalizer system (EQ):

The equalizer system consists of three different preset equalizer modes. You can select from **"COMPACT"**, **"SUV"** or **"SEDAN"** depending on your vehicle body type.

To turn off the system, touch the **"OFF"** switch.

- **Your CD player**

When you insert a disc, insert it with the label side up. The CD player will play from track 1 through to the end of the disc. Then it will play from track 1 again.

NOTICE
Never try to disassemble or oil any part of the CD player. Do not insert anything other than discs into the slot.

The player is intended for use with 12 cm (4,7 in.) discs only.

- **Digital audio broadcast system**

If an optional digital audio broadcast system is installed, DAB can be used. Push the **"MODE"** button and then touch **"DAB"** to select DAB mode. For details, refer to the DAB tuner owner's manual.

- **CD changer**

If an optional CD changer is installed, CDs can be played continuously with no need of changing CDs. Push the **"MODE"** button and then touch **"CDCH"** to select CDCH mode. For details, refer to the CD changer owner's manual.

- **iPod connecting cable**

If an optional iPod connecting cable is installed, an iPod can be used by connecting the cable. For details, see page 229.

— Radio operation

- **Listening to the radio**

1. **Push the "MODE" button.**

2. **Touch these buttons to choose either an AM or FM station.**

"MW" or "FM" appears on the screen.

If your vehicle is equipped with a digital audio broadcast system, when you push the "MODE" button and touch **"DAB"**, "DAB" station appears on the display.

Your radio automatically changes to stereo reception when a stereo broadcast is received. “ST” appears on the screen. 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. In this case, “ST” disappears from the screen.

- **Presetting a station**

1. **Tune in the desired station.**
2. **Touch one of the channel selector buttons (1 — 6) you want and hold it until a beep is heard.**

This sets the station to the touch-screen button and the frequency appears on the touch-screen button.

Each radio mode can store up to 6 stations. To change the preset station to a different one, follow the same procedure.

The preset station memory is cancelled when the power source is interrupted by battery disconnection or a blown fuse.

- **Selecting a station**

Tune in the desired station using one of the following methods.

Preset tuning: Touch the channel selector (1 — 6) for the station you want. The touch-screen button is highlighted and the station frequency appears on the screen.

Frequency adjustment: Push the **“∧ TRACK”** button to increase and the **“TRACK ∨”** button to decrease the frequency.

Seek tuning: Push and hold the **“∧ TRACK”** or **“TRACK ∨”** button. The radio will begin seeking up or down for a station of the nearest frequency and will stop when a station is received. Each time the button is pushed, the next available station will be played.

- **Displaying the station list**

Touch **"Station list"** to display the list of FM station available.
If there are no FM stations in the list, you will not be able to change the station. 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.

Each touch of "AF" changes as in the following:

AF-ON, REG-OFF mode: "AF" appears on the screen. For switching over to the broadcasting station providing good reception within the same RDS network; convenient for following the appropriate stations in a wide region.

AF-ON, REG-ON mode: "AF" and "REG" appear on the screen. For switching over to a broadcasting station within the same local program network.

AF-OFF, REG-OFF mode: The AF function does not work.

TA (Traffic Announcement) function:

Push the "MODE" button and touch "TA".

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:

Push **"MODE"** button and touch "TA" button to switch the radio mode to TP (Traffic Program). "TP" will appear on the screen. If the TP station is not received, the "TP" will start flashing.

In the TP mode, the radio will begin seeking a TP station. If the radio seek out a TP station, the program name will appear on the screen. If the TA station is received, the radio will be switched to the traffic information program automatically. When the program ends, the initial operation resumes. When also in AF mode, the radio will seek a TP station by using the AF list.

Push **"MODE"** button and touch "TA" button once again to switch the radio mode to TA. "TA" will appear on the screen and the radio will mute the volume of FM station.

In the TA mode, the radio will begin seeking a TP station. It sounds only when a TA station is received. When a TP station is received, the program service name will appear on the screen. When also in AF mode, the radio will seeking a TP station by using the AF list.

While the radio is seeking any TP station, "TP SEEK" appears on the screen. If the radio cannot seek out any TP stations, "NOTHING" will appear on the screen for 2 seconds and start searching a TP station again.

If the TP signal is halted for 20 seconds after the TP mode was set, the radio will seek another TP station automatically.

EON (Enhanced Other Network) system — If the RDS station (with EON data) you are listening to is not broadcasting a traffic information program in the 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. One beep will sound to tell you when this feature starts and ends operation.

When listening to a disc:

With the "TA" button touched in the "CD" mode, a station broadcasting traffic information is sought and "TA" appears on the screen.

When the traffic information program starts, the "CD" 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.

When "TA" is received next time, the system compares the volume before "TA" is received and the memorized TA 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.

“ALARM” (Emergency broadcasting)

This type of announcement warns of national or local emergencies. You will not be able to turn off alarm announcements. Alarm announcements will come on even if RDS mode is turned off. “ALARM” appears on the display when an alarm announcement plays. The radio uses TA volume during these announcements. When an alarm announcement comes on the tuned radio station or a related network station, you will hear it even if the volume is muted or CD player is playing. If the radio tunes to a related network station for an alarm announcement, it will return to the original station when the announcement is finished. If the CD player is playing, play will stop for the announcement and resume when the announcement is finished.

When “TA” is received next time, the system compares the volume before “TA” is received and the memorized TA 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.

You can adjust the volume independently from the memorized TA volume range while receiving a TA station.

Traffic announcement can be canceled by turning RDS off, or touching the “TA” button again on the “Mode” screen.

— CD player operation

The CD player can play audio CDs, CD text, WMA discs, MP3 discs.

- Audio CD, CD text 194
- MP3/WMA disc 197

For appropriate discs for this paper, see “Audio system operating hints” on page 238.

⚠ CAUTION

Certification for the CD player:

This product is a class I laser product.

- **A laser beam leak may result in hazardous radiation exposure.**
- **Do not open the cover of the player or attempt to repair the unit yourself. Refer servicing to qualified personal.**
- **Laser power: No hazardous.**

(a) Inserting or ejecting disc

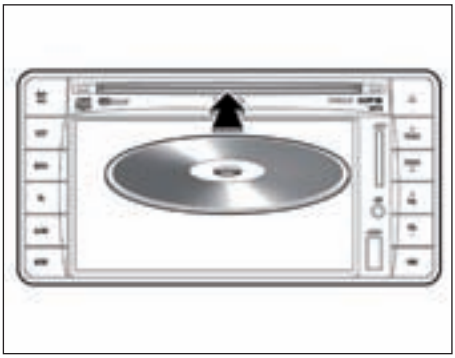
Vehicles with smart entry and start system—

The “ENGINE START STOP” switch must be in the ACCESSORY or IGNITION ON mode.

Vehicles without smart entry and start system—

The engine switch must be set at ACC or ON position.

- **Setting a disc**

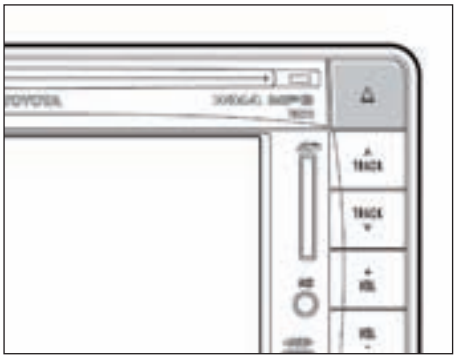


Insert a disc.

After insertion, the set disc is automatically loaded.

If the label faces down, the disc cannot be played. In this case, “Check CD” appears on the screen.

- **Ejecting a disc**



Push the “⏏” button.

The disc will be ejected. A disc can then be inserted.

6

(b) Playing a disc

Push the "MODE" button and touch "CD" if the disc are already loaded in the CD player.

The "CD" screen will be displayed.

(c) Operating an audio CD

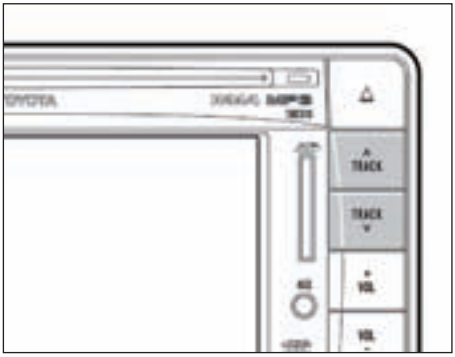
- **Playing an audio CD**

6E5117G

Push the "AUDIO" button to display this screen.

CD text only — The disc title and track title will appear on the screen when pushing the **"MODE"** button and touch "CD" button.

- **Selecting a desired track**



"∧ TRACK" or "TRACK ∨" button: Use for a direct access to a desired track.

Push the **"∧ TRACK"** or **"TRACK ∨"** button until the desired track number appears on the screen. As you release the button, the CD player will start playing the selected track from the beginning.

"TRACK LIST": The desired track can be selected from a list.

Touch **"TRACK LIST"**. The track list is displayed.

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Touch the desired track number. The CD player will start playing the selected track from the beginning.

: By touching this button, the list moves up by 6 track groups. If this button is touched when the top page of the list is displayed, the last page is displayed.

: By touching this button, the list moves down by 6 track groups. If this button is touched when the last page of the list is displayed, the top page is displayed.

Fast forward: Push the **"∧ TRACK"** button and hold it to fast forward the disc. When you release the button, the CD player will resume playing from that position.

Reverse: Push the **"TRACK ∨"** button and hold it to reverse the disc. When you release the button, the CD player will resume playing.

- **Searching for a desired track**

6E5117G

While the disc is playing, touch "SCAN" briefly.

"SCAN" appears on the screen. The CD player will play the next track for 10 seconds, then scan again. To select a track, touch **"SCAN"** once again. If the CD player reaches the end of the disc, it will continue scanning at track 1.

After all the tracks are scanned in one pass, normal play resumes.

- **Other functions**

6E5117G

"RPT": Use it for automatic repeat of the track you are currently listening to.

While the track is playing, touch "RPT" briefly.

"RPT" appears on the screen. When the track is finished, the CD player will automatically go back to the beginning of the track and play the track again. To cancel it, touch the **"RPT"** once again.

"RAND": Use it for automatic and random selection.

While the disc is playing, touch "RAND" briefly.

"RAND" appears on the screen. The system selects a track on the disc being listened to in random order. To cancel it, touch **"RAND"** once again.

If a CD-TEXT disc is inserted, the title of the disc and track will be displayed. Up to 16 letters can be displayed.

(d) Operating a MP3/WMA DISC

- **Playing a MP3/WMA disc**

Push the "AUDIO" button to display this screen.

- **Selecting a desired folder**

"FOLDER▲": Touch this button to go to the next folder.

"FOLDER▼": Touch this button to go to the previous folder.

"FOLDER LIST": The desired folder can be selected in a list.

Touch **"FOLDER LIST"**. The folder list is displayed.

6E5120G

Touch the desired folder number. The changer will start playing the first file of the selected folder.

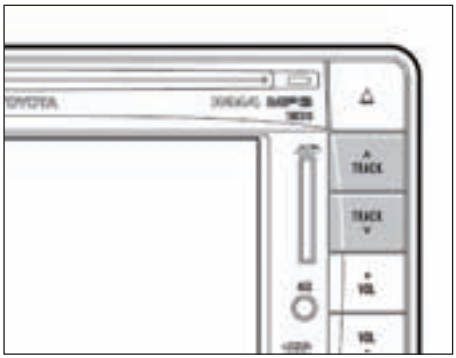
: By touching this button, the list moves up by 6 folder groups. If this button is touched when the top page of the list is displayed, the last page is displayed.

: By touching this button, the list moves down by 6 folder groups. If this button is touched when the last page of the list is displayed, the top page is displayed.

"FILE": The file list is displayed.

"DETAIL": Details of the file currently playing is displayed.

- **Selecting a desired file**



"∧ TRACK" or "TRACK ∨" button: Use for direct access to a desired file.

Push the **"∧ TRACK"** or **"TRACK ∨"** button and repeat until the desired file number appears on the display. As you release the button, the CD player will start playing the selected file from the beginning. When "RAND" or "FLD·RPT" is on, the file number within the folder you are currently listening to appears.

Fast forward: Push the **"∧ TRACK"** button and hold it to fast forward the disc. When you release the button, the CD player will resume playing from that position.

Reverse: Push the **"TRACK ∨"** button and hold it to reverse the disc. When you release the button, the CD player will resume playing.

6E5120G

"FILE": The desired file can be selected in a list.

Touch **"FILE"**. The file list is displayed.

6E5121G

Touch the desired file number. The CD player will start playing the selected file from the beginning.

▲**:** By touching this button, the list moves up by 6 file groups. If this button is touched when the top page of the list is displayed, the last page is displayed.

▼**:** By touching this button, the list moves down by 6 file groups. If this button is touched when the last page of the list is displayed, the top page is displayed.

"FOLDER": The folder list is displayed.

"DETAIL": Details of the file currently playing is displayed.

6

- **Searching for a desired file**

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While the disc is playing, touch "SCAN" briefly.

"SCAN" appears on the screen. The CD player will play the next file in the folder for 10 seconds, then scan again. To select a file, touch **"SCAN"** once again. If the CD player reaches the end of the folder, it will continue scanning from file 1.

After all the files are scanned in one pass, normal play resumes.

- **Searching for a desired folder**

6E5119G

While the disc is playing, touch "SCAN" and hold it until the "FLD.SCAN" appears on the screen.

The program at the beginning of each folder will be played for 10 seconds. To continue listening to the program of your choice, touch **"SCAN"** once again.

After all the folders are scanned in one pass, normal play resumes.

- **Other functions**

"RPT": Use it for automatic repeat of the file or folder you are currently listening to.

Repeating a file —

While the file is playing, touch"RPT" briefly.

"RPT" appears on the screen. When the file is finished, the CD player will automatically go back to the beginning of the file and play the file again. To cancel it, touch **"RPT"** once again.

Repeating a folder —

While the folder is playing, touch "RPT" and hold it until the "FLD.RPT" appears on the screen.

When the folder is finished, the CD player will automatically go back to the beginning of the folder and play the folder again. To cancel it, touch **"RPT"** once again.

"RAND": Use it for automatic and random selection of the folder or the disc which you are currently listening to.

Playing the files in one folder in random order —

While the disc is playing, touch "RAND" briefly.

"RAND" appears on the screen. The system selects a file in the folder you are currently listening to. To cancel it, touch **"RAND"** once again.

Playing the files in all the folders on one disc in random order —

While the disc is playing touch "RAND" and hold it until the "FLD.RAND" appears on the screen.

The system selects a file in all the folders. To cancel it, touch the button once again.

When a file is skipped or the system is inoperative, touch **"RAND"** to reset.

(e) If the player malfunctions

If the player or another unit equipped with the player malfunction, your audio system will display following messages.

If “No CD” appears on the display: It indicates that there is no disc in the CD player.

If “Check CD” appears on the display: It indicates that the disc 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 CD” will also appear on the screen. For appropriate discs for this player, see “Audio system operating hints” on page 238.

If “CD error” appears on the display: The following causes are possible.

- There is a trouble inside the system. Eject the disc.
- It indicates that the inside of the player unit may be too hot due to the very high ambient temperature. Remove the disc from the player allow the player to cool down.

If “NO MUSIC FILE” appears on the display: It indicates that the disc has no playable data.

If the malfunction is not rectified: Take your vehicle to authorized Toyota dealer or repairer and most auto parts stores or another qualified professional.

If an MP3/WMA disc contains CD-DA files, only CD-DA files are played. If an MP3/WMA disc contains files other than CD-DA, only MP3/WMA files are played.

— SD/USB player operation

The SD/USB player can play SD memory card and USB memory device.

Some SD memory cards and USB memory devices may not operate properly.

For appropriate SD memory card and USB memory device for this paper, see “Audio system operating hints” on page 238.

(a) Inserting or ejecting an SD memory card

Vehicles with smart entry and start system—

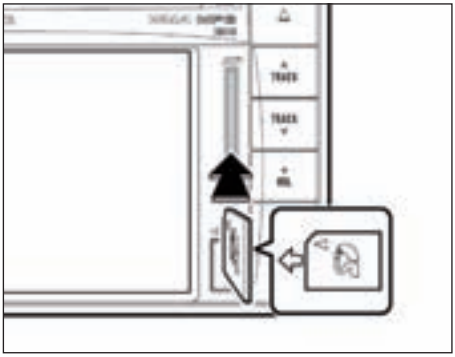
The “ENGINE START STOP” switch must be in the ACCESSORY or IGNITION ON mode.

Vehicles without smart entry and start system—

The engine switch must be set at ACC or ON position.

- **Setting an SD memory card**

Remove the map SD memory card before inserting another SD memory card. For details, see page 203. While the map SD memory card is removed, the navigation system cannot be used.

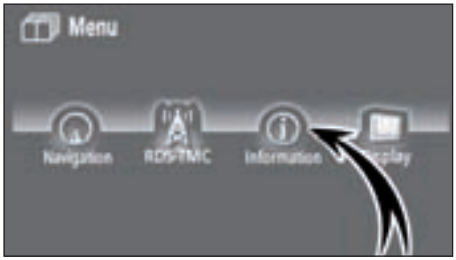


Insert an SD memory card.

After insertion, the set SD memory card is automatically loaded.

- **Ejecting an SD memory card**

1. Push the “MENU” button.

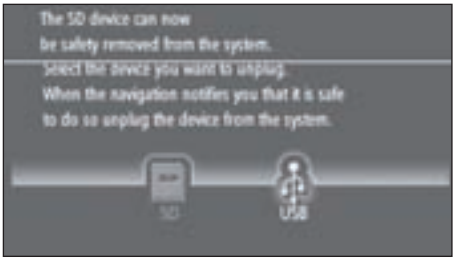


2. Touch “Information”.

3. Touch “Remove device”.

6

4. Touch “SD”.



5. Push the SD memory card lightly to remove it.

The SD memory card will be ejected. An SD memory card can then be inserted.

(b) Plugging or unplugging a USB memory device

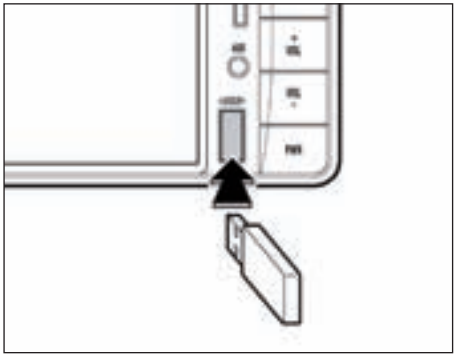
Vehicles with smart entry and start system—

The “ENGINE START STOP” switch must be in the ACCESSORY or IGNITION ON mode.

Vehicles without smart entry and start system—

The engine switch must be set at ACC or ON position.

- **Setting a USB memory device**

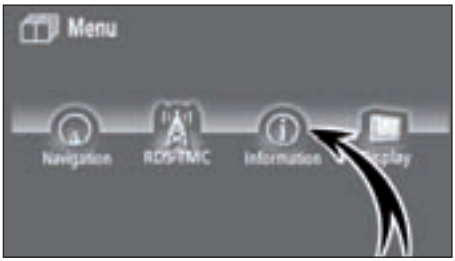


Plug a USB memory device into the port.

After insertion, the set USB memory device is automatically loaded.

- **Unplugging a USB memory device**

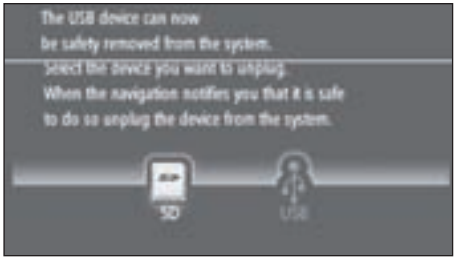
1. Push the “MENU” button.



2. Touch “Information”.

3. Touch “Remove device”.

4. Touch “USB”.



5. Unplug the USB memory device.

The USB memory device will be ejected. A USB memory device can then be inserted.

6

(c) Playing an SD memory card/USB memory device

Push the "MODE" button and touch "SD" or "USB" if the SD memory card/ USB memory device are already loaded in the SD/USB player.

The "SD" or "USB" screen will be displayed.

(d) Operating an SD memory card/USB memory device

- **Playing an SD memory card/USB memory device**

Push the "AUDIO" button to display this screen.

- **Selecting a desired folder**

"FOLDER▲": Touch this button to go to the next folder.

"FOLDER▼": Touch this button to go to the previous folder.

"FOLDER LIST": The desired folder can be selected in a list.

Touch **"FOLDER LIST"**. The folder list is displayed.

Touch the desired folder number. The changer will start playing the first file of the selected folder.

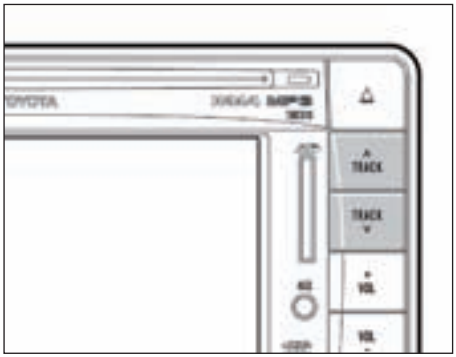
: By touching this button, the list moves up by 6 folder groups. If this button is touched when the top page of the list is displayed, the last page is displayed.

: By touching this button, the list moves down by 6 folder groups. If this button is touched when the last page of the list is displayed, the top page is displayed.

"FILE": The file list is displayed.

"DETAIL": Details of the file currently playing is displayed.

- **Selecting a desired file**



"∧ TRACK" or "TRACK ∨" button: Use for direct access to a desired file.

Push the **"∧ TRACK"** or **"TRACK ∨"** button and repeat until the desired file number appears on the display. As you release the button, the SD/USB player will start playing the selected file from the beginning. When "RAND" or "FLD·RPT" is on, the file number within the folder you are currently listening to appears.

Fast forward: Push the **"∧ TRACK"** button and hold it to fast forward the SD memory card/USB memory device. When you release the button, the SD/USB player will resume playing from that position.

Reverse: Push the **"TRACK ∨"** button and hold it to reverse the SD memory card/ USB memory device. When you release the button, the SD/USB player will resume playing.

"FILE": The desired file can be selected in a list.

Touch **"FILE"**. The file list is displayed.

Touch the desired file number. The SD/USB player will start playing the selected file from the beginning.

: By touching this button, the list moves up by 6 file groups. If this button is touched when the top page of the list is displayed, the last page is displayed.

: By touching this button, the list moves down by 6 file groups. If this button is touched when the last page of the list is displayed, the top page is displayed.

"FOLDER": The folder list is displayed.

"DETAIL": Details of the file currently playing is displayed.

- **Searching for a desired file**

While the disc is playing, touch "SCAN" briefly.

"SCAN" appears on the screen. The SD/USB player will play the next file in the folder for 10 seconds, then scan again. To select a file, touch **"SCAN"** once again. If the SD/USB player reaches the end of the folder, it will continue scanning from file 1.

After all the files are scanned in one pass, normal play resumes.

- **Searching for a desired folder**

While the disc is playing, touch "SCAN" and hold it until the "FLD.SCAN" appears on the screen.

The program at the beginning of each folder will be played for 10 seconds. To continue listening to the program of your choice, touch **"SCAN"** once again.

After all the folders are scanned in one pass, normal play resumes.

- **Other functions**

“RPT”: Use it for automatic repeat of the file or folder you are currently listening to.

Repeating a file —

While the file is playing, touch“RPT” briefly.

“RPT” appears on the screen. When the file is finished, the SD/USB player will automatically go back to the beginning of the file and play the file again. To cancel it, touch **“RPT”** once again.

Repeating a folder —

While the folder is playing, touch “RPT” and hold it until the “FLD.RPT” appears on the screen.

When the folder is finished, the SD/USB player will automatically go back to the beginning of the folder and play the folder again. To cancel it, touch **“RPT”** once again.

“RAND”: Use it for automatic and random selection of the folder or the SD memory card/USB memory device which you are currently listening to.

Playing the files in one folder in random order —

While the disc is playing, touch “RAND” briefly.

“RAND” appears on the screen. The system selects a file in the folder you are currently listening to. To cancel it, touch **“RAND”** once again.

Playing the files in all the folders on one SD memory card/USB memory device in random order —

While the SD memory card/USB memory device is playing touch “RAND” and hold it until the “FLD.RAND” appears on the screen.

The system selects a file in all the folders. To cancel it, touch the button once again.

When a file is skipped or the system is inoperative, touch **“RAND”** to reset.

(e) If the player malfunctions

If the player or another unit equipped with the player malfunction, your audio system will display following messages.

If “No SD” or “USB memory is not connected” appears on the display: It indicates that there is no SD memory cards or USB memory device in the SD/ USB player.

If “Please check SD Card.” or “Please check USB memory.” appears on the display: This comes on in such cases as when the SD memory card/USB device is damaged. Replace the SD memory card/ USB device with one that works properly. If an SD memory card or USB device not playable is inserted, “Please check SD Card.” or “Please check USB memory.” will also appear on the screen. For an appropriate SD memory card/USB memory device for this player, see “Audio system operating hints” on page 238.

If “No SD Card.” or “USB memory is not connected.” appears on the display: The following causes are possible.

- There is a trouble inside the system. Eject the SD memory card or unplugging the USB memory device.
- It indicates that the inside of the player unit may be too hot due to the very high ambient temperature. Remove the disc from the player allow the player to cool down.

If “No playable music data in SD Card.” or “No playable music data in USB memory.” appears on the display: It indicates that the SD memory card/USB memory device has no playable data.

If the malfunction is not rectified: Take your vehicle to authorized Toyota dealer or repairer and most auto parts stores or another qualified professional.

—Bluetooth® audio operation

The Bluetooth® audio system enables users to enjoy music played on a portable player from the vehicle speakers via wireless communication.

E6102GS

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.

INFORMATION

Portable players must correspond to the following specifications in order to be connected to the Bluetooth® audio system. However, please note that some functions may be limited depending on the type of portable player.

- ***Bluetooth® specifications:***
  Version: 1.1 or higher (Recommended: Version. 2.0 + EDR or higher)
- ***Following Profiles:***
  - ***A2DP (Advanced Audio Distribution Profile) Ver.1.0***
  - ***AVRCP (Audio/Video Remote Control Profile) Ver. 1.0 or higher (Recommended: Ver. 1.3 or higher)***

6

Bluetooth is a trademark owned by Bluetooth SIG. Inc.

⚠ CAUTION

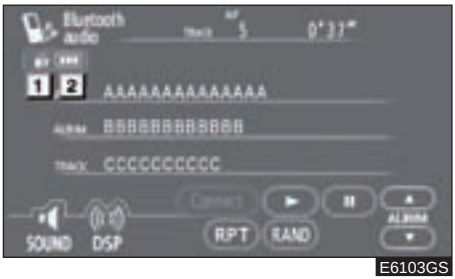
Use a portable player or connect the Bluetooth® audio only when safe and legal to do so.

NOTICE

Do not leave your portable player in the car. 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.***
- ***Depending on the portable player that is connected to the system, certain functions may not be available.***
- ***If Bluetooth® devices are used for hands-free phone and Bluetooth® audio connections at the same time, the following may occur.***
  - ***The Bluetooth® connection may be cut off.***
  - ***Noise may occur in the audio played from the portable player.***
- ***Even if using a cellular phone that is capable of both hands-free phone and Bluetooth® audio connections, simultaneous connection may not be possible in some cases.***



E6103GS

1 **Indicates the condition of the Bluetooth® connection.**

“Blue” indicates an excellent connection to Bluetooth®.

“Yellow” 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.**

Empty ◄——————————► **Full**

It is not displayed while the Bluetooth® is not connected.

The amount left does not always correspond with the one on your portable player. This system does not have a charging function.

An antenna for the Bluetooth® connection is built-in to the display. The indication of the Bluetooth® connection may turn yellow and the system may not function when you use the Bluetooth® portable player in the following conditions.

- Your portable player is hidden from the display (behind the seat or in the glove box or console box).
- Your portable player touches or is covered with metal materials.

Leave the Bluetooth® portable player in a place where the “Blue” indication is displayed.

The portable player information is registered when the Bluetooth® audio system is connected. When you release possession of your vehicle, remove your portable player. (See “Deleting a portable player” on page 225.)

DECLARATION OF CONFORMITY
Directive 1999/5/EC(R&TTE)

Manufacturer or
Authorized representative : ***AISIN AW CORPORATION***

Address : ***6-18 Harayama, Oka-Cho, Okazaki, Aichi, Japan***

We declare on our sole responsibility, that the following product :

- Kind of equipment : ***Car Navigation System***

- Type-designation : ***EA08A11***

is in compliance with the essential requirement of § 3 of the R&TTE.

- Health and safety requirements pursuant to § 3(1)a :
  Applied Standard(s) or other means of providing conformity :
IEC 60950-1 : 2001, First Edition and
EN60950-1 : 2001 +A11 : 2004

- Protection requirements concerning EMC § 3(1)b :
  Applied Standard(s) or other means of providing conformity :
EN 300 440-1 V1.3.1 : 2001-09 ***EN 300 440-2 V1.1.2 : 2004-07***
EN 301 489-1 V1.6.1 : 2005-09 ***EN 301 489-3 V1.4.1 : 2002-08***
EN 301 489-17 V1.2.1 : 2002-08
EN 300 328 V1.7.1 : 2006-10

- Measures for the effective use of the Radio frequency spectrum § 3(2) :
  Applied Standard(s) or other means of providing conformity :
EN 55013:2001+A1:2003+A2:2006
EN55020:2007

CE Marking ;

CE

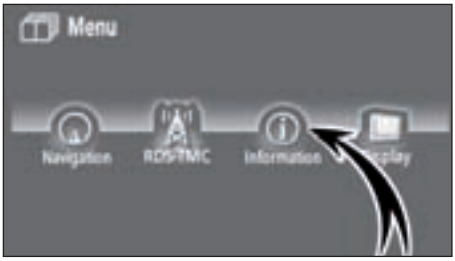
Japan 08.2008
Place and date of issue

(a) Enter a Bluetooth® audio player

To use the Bluetooth® audio system, you need to enter your portable player into the system. Once you have registered it, you can enjoy your music on the vehicle's audio system.

A maximum of two portable players can be registered.
Please refer to the manual that comes with your portable player for operation of the portable player.

1. Push the "MENU" button.



2. Touch "Information".

3. Touch "Bluetooth* settings" to display the "BT audio settings" screen.

4. Touch "Register" to connect your portable player to the system.

5. When this screen is displayed, enter the passcode displayed on the screen into the portable player.

For the operation of the portable player, see the manual that comes with your portable player.

If you want to cancel the entry, touch **"Cancel".**

6

6. When the connection is complete, this screen is displayed.

You do not need to enter the portable player in case of using the same one.

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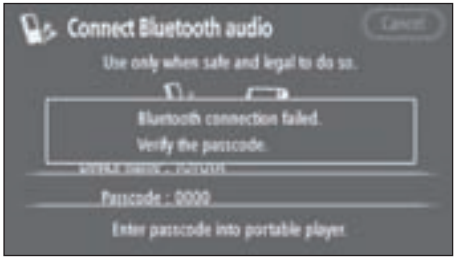

When this screen is displayed, follow the guidance on the screen to try connecting again.

INFORMATION

- ***The passcode is used to register the portable player in the vehicle's audio system. You can create a password of your choice. (See "Changing the Bluetooth® audio settings" on page 221)***
- ***For portable players lacking passcode entry capability, such as those without operation switches, change the audio system's passcode to that of the portable player. (See "Changing the Bluetooth® audio settings" on page 221)***
- ***Refer to the manual that comes with the portable player for information about the portable player's passcode.***

- **Connecting a portable player**

The portable player can be connected to the audio system either automatically or manually.

AUTOMATICALLY

When you register your portable player, auto connection will be turned on. Always set it to this mode and leave the Bluetooth® portable player in a condition where connection can be established.

E6111GS

Vehicles with smart entry and start system—

When the "ENGINE START STOP" switch is in the ACCESSORY or IGNITION ON mode, the selected Bluetooth® portable player will be automatically connected and the connection result is displayed.

This screen appears when the Bluetooth® portable player is first connected after the "ENGINE START STOP" switch is turned to the ACCESSORY or IGNITION ON mode.

Vehicles without smart entry and start system—

When the engine switch is in the ACC or ON position, the selected Bluetooth® portable player will be automatically connected and the connection result is displayed.

This screen appears when the Bluetooth® portable player is first connected after the engine switch is turned to the ACC or ON position.

MANUALLY

When the auto Bluetooth® connection is "Off", you have to connect Bluetooth® manually.

E6113GS

Touch "Connect" after having enabled the Bluetooth® connection on the portable player.

6

E6114GS

When the connection is complete, this screen is displayed. Now you can use the Bluetooth® portable player.

From portable player

When making a connection from the portable player, operate the portable player controls to connect.

To make a connection from the portable player, first display this "Connect Bluetooth* audio" screen.

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INFORMATION
Auto Bluetooth® connect may not be available for certain portable players, which must be connected manually.

- **Reconnecting the Bluetooth® audio player**

Vehicles with smart entry and start system—

If the Bluetooth® audio system is disconnected with a poor reception from the Bluetooth® network when the "ENGINE STARTSTOP" switch is in the ACCESSORY or IGNITION ON mode, the system automatically reconnects the Bluetooth® audio player. In this case, the connection result is not displayed.

Vehicles without smart entry and start system—

If the Bluetooth® audio system is disconnected with a poor reception from the Bluetooth® network when the engine switch is in the ACC or ON position, the system automatically reconnects the Bluetooth® audio player. In this case, the connection result is not displayed.

If the Bluetooth® is disconnected on purpose, such as when you turn off your portable player, this does not happen. Reconnect it by the following methods.

- Select the portable player again.
- Enter the portable player.

(b) Operating a Bluetooth® audio player

Push the "MODE" button and touch "BT". The "Bluetooth* audio" screen will be displayed.

E6104GS

Depending on the portable player that is connected to the system, functions such as display of the artist name or control buttons shown here may not be available.

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

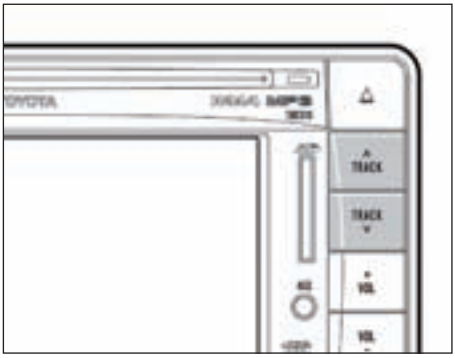
- **Playing a Bluetooth® audio**

E6102GS

Touch "►" and the music will start playing. Touch "❚❚" and the music will pause.

6

- **Selecting a desired track**



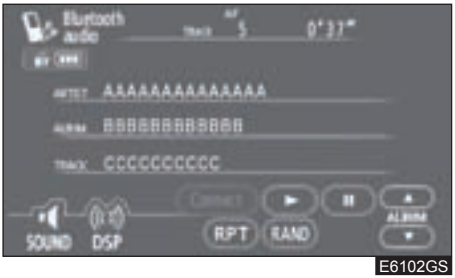
"∧ TRACK" or "TRACK ∨" button: Use for direct access to a desired audio track.

Push the **"∧ TRACK"** or **"TRACK ∨"** button and repeat until the desired track number appears on the screen. As you release the button, the player will start playing the selected track from the beginning.

Fast forward:
Push and hold the **"∧ TRACK"** button to fast forward the player. When you release the button, the player will resume playing from that position.

Reverse:
Push and hold the **"TRACK ∨"** button to reverse the player. When you release the button, the player will resume playing.

- **Selecting a desired album**



E6102GS

"ALBUM▲": Touch this button to select the next album.

"ALBUM▼": Touch this button to select the previous album.

- **Other functions**

E6105GS

"RPT": Use this control to automatically replay the track you are currently listening to.

Repeating a track —

While the track is playing, touch "RPT" briefly.

"RPT" appears on the screen. When the track is finished, the player will automatically play it again. To cancel the repeat, touch **"RPT"** once again.

"RAND": Use this for automatic and random selection of tracks on the album that you are currently listening to.

While a track is playing, touch "RAND" briefly.

"RAND" appears on the screen. The system selects a track in the album you are currently listening to. To cancel this function, touch **"RAND"** once again.

INFORMATION
Depending on the portable player that is connected to the system, certain functions may not be available.

(c) Change the Bluetooth® audio settings

- **Selecting a portable player**

If you register a second portable player, either one can be selected for connection.

1. **Touch "Select portable player" to display the "Select portable player" screen.**

You can select from a maximum of two Bluetooth® portable players.

"empty" is displayed when you have not registered a Bluetooth® portable player. The Bluetooth® mark is displayed when you choose the portable player.

E6117GS

2. **Select desired portable player and then touch "OK".**

Although you can register up to two portable players in the system, only one portable player can function at a time.

- **Displaying portable player information**

You can see the information of the portable player on the system.

"Device name"

. . . . . .The name of Bluetooth® portable player which is displayed on the screen. You can change it into a desired name.

"Bluetooth* device address"

. . . . . .The address peculiar to the system. You cannot change it.

"Connection method"

. . . . . .The connection method can be switched between "From vehicle" and "From portable player".

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

E6118GS

1. **Select desired portable player and then touch "Portable player info".**

E6119GS

2. **When you complete confirming it, touch ⮌.**

- **Changing the device name**

You can change a device name. If you change a device name, the name registered in your portable player is not changed.

E6119GS

1. **Touch "Edit".**

E6120GS

2. **Use the software keyboard to input the device name and then touch "OK"**

- **Changing the connection method**

The connection method can be selected.

From vehicle: Connect the audio systm to the portable player.

From portable player: Connect the portable player to the audio system.

E6121GS

Select desired connection method "From vehicle" or "From portable player" and then touch "OK".

INFORMATION
If the connection method is set to "From portable player", "Auto Bluetooth* connect" (see page 217) cannot be selected.

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

- **Displaying the Bluetooth® audio settings**

You can see the Bluetooth® audio information settings on the system.

"Device name"
. . . . . .The name in the Bluetooth® network. You can change it.

"Passcode"
. . . . . .The password when you register your portable audio player in the system. You can change it into the figure of 4-8 digits.

"Device address"
. . . . . .The address peculiar to the system. You can not change it. If you have registered two Bluetooth® portable players with the same device name or passcode and you cannot distinguish one from the other, refer to it.

6

- **Changing the device name or passcode**

1. Touch “Bluetooth* settings”.

2. Touch “Edit” at “Device name” or “Passcode”.

3. Use the software keyboard to input the device name.

You can input up to 20 characters.

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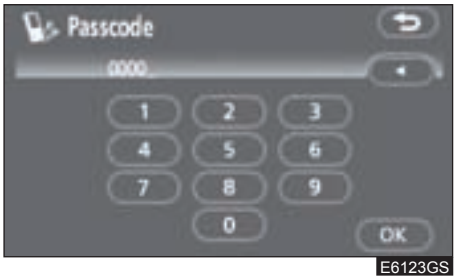


E6123GS

4. Input a Passcode with 4-8 digits. When you touch “◄”, the input number is deleted.

- **Initializing the Bluetooth® audio settings**

You can initialize the settings.

1. Touch “Default”.

2. Touch “Yes”.

- **Deleting a portable player**

1. Touch “Bluetooth settings”.

2. Touch “Remove” at “Bluetooth* audio”.

3. Select the portable player you want to delete and touch “OK”.

6

4. Touch “Yes”.

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

— AUX operation

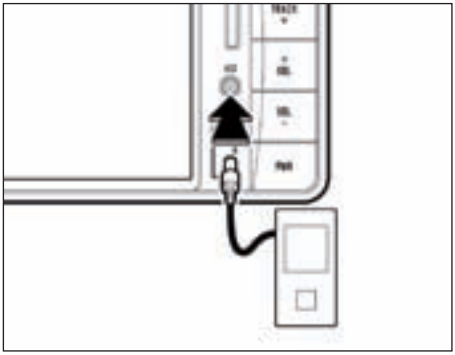
Music stored on commercially available portable audio devices can be played back by connecting the devices to the audio system.

When using portable audio devices with the audio system, please read over the portable audio device instruction manual carefully and ensure that the device is fully compatible prior to use.

⚠ CAUTION

- **Place the portable audio device in a location that will not interfere with SRS airbag deployment. Failure to do so may result in death or serious injury due to the inability of the airbag to function properly or if the portable audio device is thrown during SRS airbag deployment.**
  Refer to the vehicle instruction manual for details of the SRS airbag deployment location.
- **Avoid placing the portable audio device in a location that will interfere with driving, or temporarily secure in a location that will not interfere with driving.**
  This may hinder driving or lead to traffic accidents.

(a) Connecting (disconnecting) portable audio devices



Ensure that the portable audio device power is turned OFF. Ensure that the audio mode is set to a mode other than AUX, or that the audio system power is turned OFF.

Connect (or disconnect) the AUX port.

NOTICE

- ***Avoid getting hands caught in the AUX port.***
- ***Do not connect, operate, or disconnect the portable audio device while driving.***
- ***Store portable audio devices away from direct sunlight when not in use.***

INFORMATION

- ***Disconnecting or connecting the portable audio device while in AUX mode may lead to distortion and speaker damage. Always ensure to turn off the audio system power or switch to another mode prior to disconnecting or connecting.***
- ***Changing the portable audio device power supply while in AUX mode may lead to distortion and speaker damage. Always ensure to turn off the audio system power or switch to another mode prior to changing the portable audio device power supply.***
- ***Please note that the volume level will vary due to differing output levels depending on the connected device.***
- ***If the volume is adjusted while in AUX mode, the volume can be stored as the volume level for AUX mode. This stored volume level will be returned to its default setting if the portable audio device is disconnected.***
- ***When using a portable audio device connected to the power outlet or cigarette lighter, noise may occur during playback.***
  If this happens, use the power source (battery) of the portable audio device.

(b) Operating a portable audio devices

1. Turn ON the portable audio device power and playback music.

Refer to the instruction manual provided with the portable audio device for details of operation.

2. Push the “MODE” button and touch “AUX”. The “AUX” screen will be displayed.

Played back audio from the portable audio device is output from the speakers.

— iPod operation

This function can be operated only when an optional iPod connecting cable is connected.

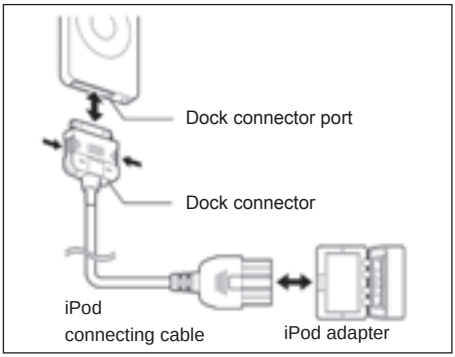
iPod music files can be played by connecting your iPod to the audio system. Furthermore, it is also possible to perform such operations as selecting tracks from the play list and changing the shuffle mode at the audio system.

This system supports only an iPod featuring the dock connector port.

For details, refer to your iPod Owner's Manual.

(a) Connecting or disconnecting your iPod

- **Connecting your iPod**

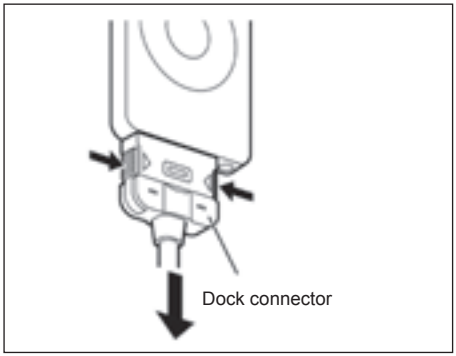


Connect your iPod with the dock connector.

Disconnect all iPod accessories with the exception of the remote control.

As soon as the iPod is connected, its power is automatically turned on.

- **Disconnecting your iPod**



Press the sides of the dock connector in the direction shown by the arrows above to disconnect your iPod.

NOTICE

- *Please understand that no compensation can be awarded for lost data, even if iPod data is lost when connected to the audio system.*
- *The iPod may become deformed, discolored, or damaged due to heat if left exposed to direct sunlight for long periods of time. Store away from direct sunlight when not in use.*
- *Fix the iPod securely when using with this unit. Do not let the iPod fall onto the floor, where it may become jammed under the brake or accelerator pedal.*
- *You may hear noise if you disconnect during iPod playback.*

INFORMATION

- *Check that your iPod is supported by the audio system. Refer to "Supported iPods" (page 236) for a list of supported iPods.*
- *The system will not automatically switch to iPod mode when the audio system and iPod are connected.*
- *"TOYOTA" displays at the iPod when connected to the audio system. Please note that operation cannot be performed using your iPod while "TOYOTA" is displayed.*
- *If your iPod is connected to the audio system with the iPod power OFF, "TOYOTA" will not display, and the "Charging complete" mark may display. If this happens, push any button on your iPod to display "TOYOTA".*
- *Vehicles with smart entry and start system—*
  While the "ENGINE START STOP" switch is in the ACCESSORY or IGNITIONONmode, the battery of the connected iPod will be charged.
  Vehicles without smart entry and start system—
  While the engine switch is in the ACC or ON position, the battery of the connected iPod will be charged.
- *The track order in the play list displayed at the audio system may differ from that at your iPod when connected to the system.*
- *If your iPod becomes inoperable, disconnect and then reconnect after resetting. Refer to the iPod instruction manual for details of the reset method.*
- *There are times when video file names display in the track play list, however, no support is available for playback of video files.*

- ***While the iPod is connected to this audio system, the iPod itself cannot be turned on or off.***
- ***Vehicles with smart entry and start system—***
  The connected iPod will be turned off about two minutes after the "ENGINE START STOP" switch is turned off.
  Vehicles without smart entry and start system—
  The connected iPod will be turned off about two minutes after the engine switch is turned to the LOCK position.

(b) Operating to your iPod

Push the "MODE" button and touch "iPod". The "iPod" screen will displayed.

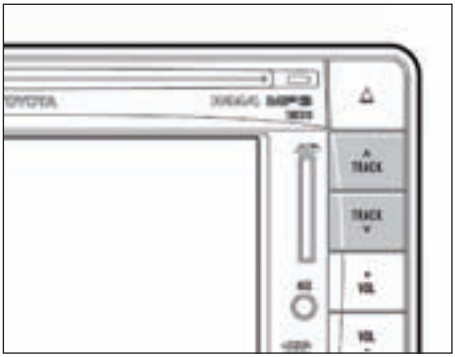
- **Playing to your iPod**

Touch "►" and the music will start playing.
Touch "❚❚" and the music will pause.

INFORMATION

- ***Depending on the number of music files stored on your iPod, and the software version, there may be times when the system does not respond immediately or function properly when performing operations at the operation screen.***
- ***"Ok to disconnect.", displays on the iPod unit. However, in order to protect your iPod, it is recommended that the dock connector not be disconnected during music playback.***
- ***Vehicles with smart entry and start system—***
  If the system does not function properly, disconnect your iPod from the dock connector and then turn the "ENGINE START STOP" switch off. Turn the iPod off then back on. Turn the "ENGINE START STOP" switch back to the ACCESSORY or IGNITION ON mode and then connect the iPod to the dock connector again.
  Vehicles without smart entry and start system—
  If the system does not function properly, disconnect your iPod from the dock connector then turn the engine switch off. Turn the iPod off then back on. Turn the engine switch back to the ACC or ON position and then connect the iPod to the dock connector again.
- ***You cannot operate the iPod Equalizer on products. We recommend that you set the iPod Equalizer to off, before connecting the iPod to this unit.***

- **Selecting a desired music file**



"∧ TRACK" or **"TRACK ∨"** button/"►►" or "◄◄": These buttons are used for direct access to a desired audio track. Push the **"∧ TRACK"** or **"TRACK ∨"** button or touch "►►" or "◄◄" until the desired track number appears on the screen. When operation of the button or the screen is complete, the player will start playing the selected track from the beginning.

Fast forward: Push and hold the **"∧ TRACK"** button or continue touching "►►" to fast forward the player. When you release the button, the player will resume playing from that position.

Reverse: Push and hold the **"TRACK ∨"** button or continue touching "◄◄" to reverse the player. When you release the button, the player will resume playing.

"TRACK LIST": When **"TRACK LIST"** is touched, the list of files in which the music files currently being played back is displayed.
The music file currently being played back displays at the top.
Touch a music file to play back the selected file.

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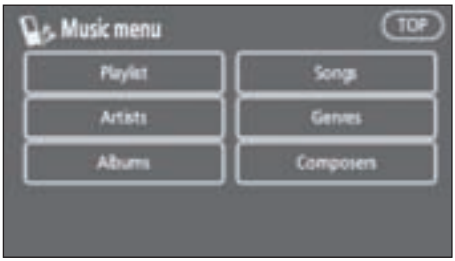
- **Searching for the desired music file from the Music menu**

The desired music file can be searched for by displaying the track play list from the Music menu.

1. Touch "MENU".

Touch **"TOP"** to return to the iPod operation screen.



2. Touch the desired mode on the Music menu screen.

The screen shown at step **"4."** displays when **"Songs"** is selected.

3. Touch the desired list on the mode list screen.

Touch **"Play"** to playback the first music file in the selected list.
Touch **"ALL"** to select all displayed lists.

When there are 5 lists or more, touch ▲, ⏫ or ▼, ⏬ to change the list.

Touch ↩ to return to the level above.

4. Touch the applicable touch-screen button to select the music file to be played back.

Commence playback.

- **Searching for the desired music files from direct mode**

Played back music files can be changed in various individual modes.

1. Touch “DIRECT”.

Touch **“TOP”** to return to the iPod operation screen.

2. Touch the mode to be selected at the “Direct play” screen.

The iPod operation screen displays. The mode changes to the selected mode and the first music file is played.

“Playlist”: Plays back the iPod Playlist.

“Songs”: Plays back all songs.

“Artists”: Plays back the Artists list.

“Genres”: Plays back the Genres list.

“Albums”: Plays back the Albums list.

“Composers”: Plays back the Composers list.

3. Touch “▲” or “▼”.

“▲”: Touch to select the next list (music files in Songs mode).
“▼”: Touch to select the previous list (music files in Songs mode).

INFORMATION
When music files are played back from the “Music menu” screen, the system exits direct mode.

6

- **Other functions**

INFORMATION

If your iPod is disconnected while "RPT", "TRACK RANDOM", or "ALBUM RANDOM" is set, the iPod will switch to the repeat or shuffle setting.

"RPT": Repeats playback of the current track.
When the current track is finished, playback will begin again automatically from the beginning of that track. Touch **"RPT"** again to cancel.

Listening to tracks in the current play list randomly —

Touch "TRACK RANDOM".

The system selects a music file in the play list you are currently listening to. To cancel it, touch **"TRACK RANDOM"** once again.

Listening to albums randomly —

Touch "ALBUM RANDOM".

Albums can be listened to randomly. However music files in albums are played back from the first music file.

To cancel it, touch **"ALBUM RANDOM"** once again.

- **Supported iPods**

The following iPods can be used with the audio system. However, operation may not be possible depending on the condition of the iPod.

iPod-
4th generation, 5th generation

iPod photo-

iPod nano-
1st generation, 2nd generation, 3rd generation

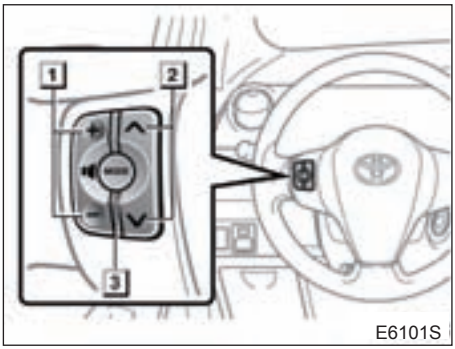
iPod classic-

iPod touch-

INFORMATION

- ***iPod® is a trademark of Apple Computer, Inc., registered in the U.S. and other countries.***
- ***The use of iPods is authorized for the copying and playback of non-copyrighted material or material for which legal copying and playback is authorized for personal use by individuals. Copyright infringements are prohibited by law.***
- ***Support is not available for the iPod photo display function or video footage display function.***

Audio remote controls — — Steering switches



Some parts of the audio system can be adjusted with the switches on the steering wheel.

Depending on the model or grade, steering wheel switches may not be available.

Details of the specific switches, controls, and features are described below.

1 **Volume control switch**

2 **"∧" "∨" switches**

3 **"MODE" switch**

1 **Volume control switch**

Push **"+"** side to increase the volume. The volume continues to increase while the switch is being pressed.

Push **"-"** side to decrease the volume. The volume continues to decrease while the switch is being pressed.

2 **"∧" "∨" switches**

Radio

To select a preset station:

Quickly push and release the **"∧"** or **"∨"** switch. Do this again to select the next preset station.

To seek a station:

Push and hold the **"∧"** or **"∨"** switch until you hear a beep. Do this again to find the next station. If you push either the **"∧"** or **"∨"** switch in seek mode, the seek mode will cancel.

CD player, Bluetooth® audio and SD/ USB player

Use this button to skip up or down to a different track or file in either direction.

To select a desired track or file:

Quickly push and release the **"∧"** or **"∨"** switch until the track or file you want to play is set. If you want to return to the beginning of the current track or file, push the **"∨"** switch once, quickly.

MP3/WMA disc, SD memory card and USB memory device—

To select a desired folder:

Push and hold the **"∧"** or **"∨"** side of the switch until you hear a beep. Repeat this until the folder you want to listen to is set.

3 **"MODE" switch**

Each time you push the **"MODE"** switch, the system changed the audio mode.

To turn the audio system on, push the **"MODE"** switch.

To turn the audio system off, push and hold the **"MODE"** switch until you hear a beep.

Audio system operating hints

NOTICE

To ensure correct audio system operations:

- ***Be careful not to spill beverages over the audio system.***
- ***Do not put anything other than an appropriate disc into the CD player slot.***
- ***The use of a cellular phone inside or near the vehicle may cause a noise from the speakers of the audio system which you are listening to. However, this does not indicate a malfunction.***

Radio reception

Usually, the problem with radio reception does not mean there is a problem with your 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, and the farther you are from a station, the weaker its signal will be. In addition, reception conditions change constantly as your vehicle moves.

Here are some common reception problems that probably do not indicate a problem with your radio:

FM

Fading and drifting stations — Generally, the effective range of FM is about 40 km (25 miles). 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 two signals to reach your 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 you are listening to is interrupted or weakened, and there is another strong station nearby on the FM band, your 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.

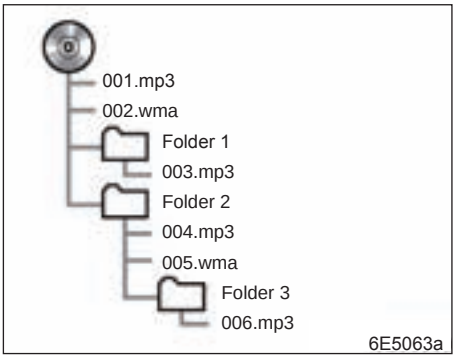
MP3/WMA files

- 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.
- The SD/USB player can play MP3 and WMA files on SD memory card and USB memory device.
- When naming an MP3 or WMA file, add the appropriate file extension (.mp3 or .wma).
- The MP3/WMA player and SD/USB player play 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 player can play only the first session using multi-session compatible CDs.
- 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, SD memory card and USB memory device title, 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, artist name.
- The emphasis function is available only when playing MP3/WMA files recorded at 32, 44.1 and 48 kHz. (The system can play MP3 files with sampling frequencies of 16, 22.05, and 24 kHz. However, the emphasis function is not available for files recorded at these frequencies.)
- The sound quality of MP3/WMA files generally improves with higher bit rates. In order to achieve a reasonable level of sound quality, discs, SD memory card and USB memory device recorded with a bit rate of at least 128 kbps are recommended.

Playable bit rates

MP3 files
MPEG1 LAYER3—64 to 320 kbps
MPEG2 LSF LAYER3—64 to 160 kbps
WMA files:
Ver. 7, 8 CBR—48 to 192 kbps
Ver. 9 CBR—48 to 320 kbps

- The MP3/WMA player does not play back MP3/WMA files from discs recorder using packet write data transfer (UDF format). Discs should be recorded using “pre-mastering” software rather than packet-write software.
- The m3u playlists are not compatible with the audio player.
- MP3i (MP3 interactive) and MP3PRO formats are not compatible with the audio player.
- The MP3 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 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, SD memory card and USB memory device with no more than two levels of folders.
- It is possible to play up to 255 folders or 999 files on one disc, SD memory card and USB memory device.



- The play order of the compact disc, SD memory card and USB memory device with the structure shown on the left is as follows:

001.mp3 → 002.wma... → 006.mp3

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.

Caring for your CD player and discs

- Your CD player is intended for use with 12 cm (4,7 in.) discs only.
- Extremely high temperature can keep your CD player from working. On hot days, use air conditioning to cool the vehicle interior before you listen to a disc.
- Bumpy roads or other vibrations may make your CD player skip.
- If moisture gets into your CD player, you may not hear any sound even though your CD player appears to be working. Remove the discs from the CD player and wait until it dries.

⚠ CAUTION

CD player uses an invisible laser beam which could cause hazardous radiation exposure if directed outside the unit. Be sure to operate the player correctly.

CD player

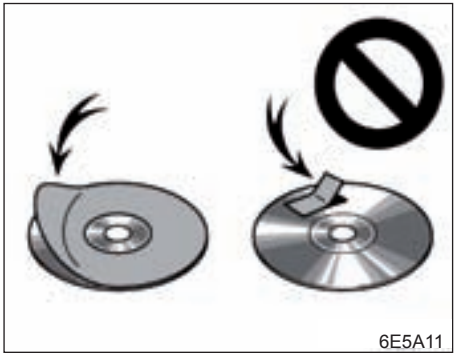
Audio CDs	

- Use only discs marked as shown above. The following products may not be playable on your CD player.

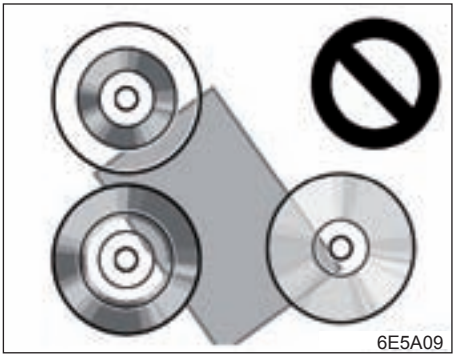
  SACDs
  dts CDs
  Copy-protected CDs

6

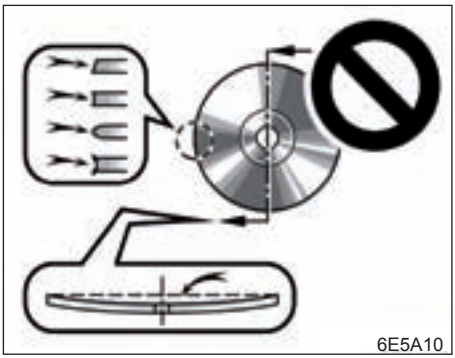
► **Special shaped discs**



► **Labeled discs**



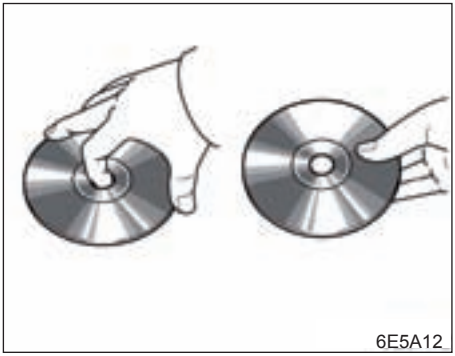
► **Transparent / translucent discs**

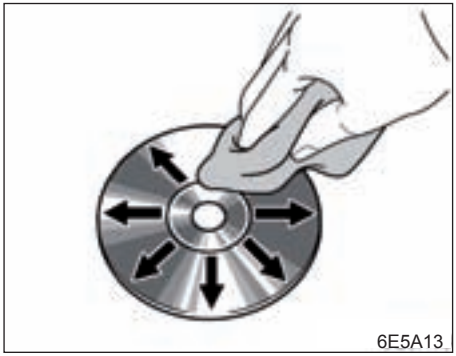


► **Low quality discs**

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 changer, or it may be impossible to eject the disc.***
- ***This system is not designed for use of Dual Disc. Do not use Dual Disc because it may cause damage to the player.***





► Correct ► Wrong

- Handle discs carefully, especially when you are 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 player when you are not using them. 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 a circle). Do not use a conventional record cleaner or anti-static device.

Files in a USB memory device/SD memory card

If there are many files other than MP3 or WMA files in the USB memory device/SD memory card, it may take time to search for an MP3 or WMA file, adversely affecting the smooth operation of the device. (It is recommended that files other than .mp3 or .wma are not stored in these memory devices.)

USB memory devices with external power sources

Vehicles with smart entry and start system —

USB memory devices with external power sources such as USB audio devices may not be recognized correctly even if the “ENGINE START STOP” switch is turned to ACCESSORY or IGNITION ON mode. In this case, turn the “ENGINE START STOP” switch to ACCESSORY or IGNITION ON mode again, or remove the USB memory device and then plug it in again.

Vehicles without smart entry and start system —

USB memory devices with external power sources such as USB audio devices may not be recognized correctly even if the engine switch is turned to the “ACC” or “ON” position. In this case, turn the engine switch to the “ACC” or “ON” position again, or remove the USB memory device and then plug it in again.

USB memory device

The table below shows the tested USB memory devices. Depending on its condition, the USB memory device may not operate properly.

Model	Manufacturer	Serial No.	Capacity
JetFlash V30 1GB	Transcend	505024−2172	1GB
JetFlash V10 8GB	Transcend	201061−2998	8GB
DataTraveler 1GB	Kingston	EC08610−3475122	1GB
DataTraveler 8GB	Kingston	CC12823−00039574	8GB
attache 2GB	PNY TECHNOLOGIES	8E80−0009	2GB
POCKETBIT MINI 1GB	SONY	07718BBCB	1GB
POCKETBIT MINI 512MB	SONY	08214BCCV	512MB
USB FLASH MEMORY 1GB	TOSHIBA	7441H910168NM8N	1GB
Swivel Flash Drive 8GB	Imation	8E80−0014	8GB
Swivel Flash Drive 256MB	Imation	8E80−0016	256MB
USB Drive 4GB	Verbatim	07070406604G088058AA	4GB
Cruzer Contour 8GB	San Disk	8E80−0020	8GB
Cruzer Micro 512MB (White)	San Disk	8E80−0021	512MB
USB Drive 2GB	Verbatim	07071706602G030669AA	2GB
USB 2GB	extrememory	8E80−0024	2GB
POCKETBIT 16GB	SONY	08529EDCB	16GB
USB Drive 2GB	CORSAIR	8E80−0027	8GB
Jump Drive Lightning 2GB	Lexar	8E80−0029	2GB
Flash Drive 1GB	EMTEC	8E80−0031	1GB

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 the 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, 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 two 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.

Section 7

APPENDIX

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Limitations of the navigation system

This navigation system calculates the current vehicle position using satellite signals, various vehicle signals, map data, etc. However, the accurate position may not be shown depending on the satellite condition, 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 vehicle position, normally using 4 or more satellites, and in some cases 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 (300 feet) can and should be expected. Generally, position errors will be corrected within a few seconds.

When your vehicle is receiving signals from the 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 display. 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. We advise against the use of window tinting on vehicles equipped with navigation systems.

(a) Accurate current vehicle 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 the 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 four tyres is not correct.

INFORMATION

If your vehicle cannot receive GPS signals, you can correct the current position manually. For information on setting the current position calibration, see page 109.

(b) Inappropriate route guidance may occur in the following cases:

- When turning at an intersection off the designated route guidance.
- If you set more than one 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.
- It may take a long time to operate auto reroute during high speed driving. In auto reroute, a detour route may be shown.
- After auto reroute, the route may not be changed.
- An unnecessary U-turn may be shown or announced.
- A location may have multiple names and the system will announce one or more.
- Some routes may not 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 your navigation system may not be complete or may not be the latest version.

After replacing a tyre, implement the operation described in the "TYRE CHANGE CALIBRATION". (See page 111.)

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

Map database information and updates —

In order to provide you with as accurate map information as possible, we are always gathering information such as on road repairs and carrying out on-site investigations. However, the names of roads, streets, facilities, and their locations frequently change. In some places, construction on roads may be in progress. For that reason, information on some areas in this system might be different from the actual location.

The map database is normally updated once a year. Contact any authorized Toyota dealer or repairer and most auto parts stores or another qualified professional, for information about the availability and pricing of an update.

The European map database is divided into 3 SD memory cards. To confirm the SD memory card coverage area, see the separately provided instruction manual for the SD memory cards or " — Confirming the database version and SD memory card coverage area" on page 251.

If your vehicle, or your destination, is outside the coverage area of the map SD memory card that is currently installed in the navigation system, it will not be possible to search for a destination, route guidance or display a detailed map.

Insert the required map SD memory card into the navigation system. (See " — Changing the map SD memory card " on page 252.)

— Confirming the database version and SD memory card coverage area

INFORMATION

- ***If the route to your destination will require two SD memory cards, first install the card that includes the current vehicle position.***
  Set an interim destination located near the boundary between the current SD card's area and the next SD card's area. When the interim destination is reached, replace the current card with the one containing the information for the next area and then set the next destination.
- ***Do not attempt to store audio or other data files in the map SD memory card.***

1. Push the "MENU" button.

2. Touch "Navigation".

3. Touch "Map SD".

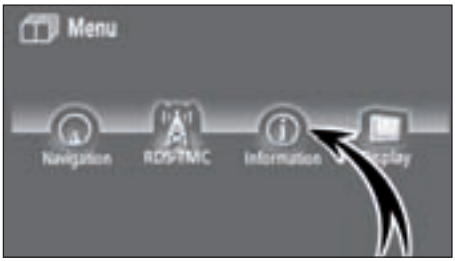
Confirm the SD memory card name and the database version on this screen.

To display the SD memory card coverage area, touch **"Covered area"**. Confirm the covered area on the screen.

Contact any authorized Toyota dealer or repairer and most auto parts stores or another qualified professional, to find out if there is a more recent update available.

— Changing the map SD memory card

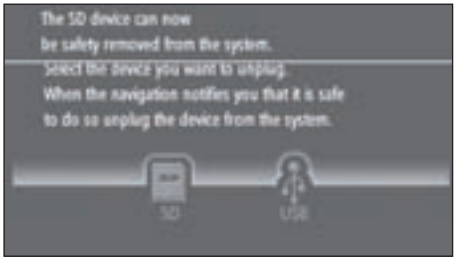
1. **Push the “MENU” button.**



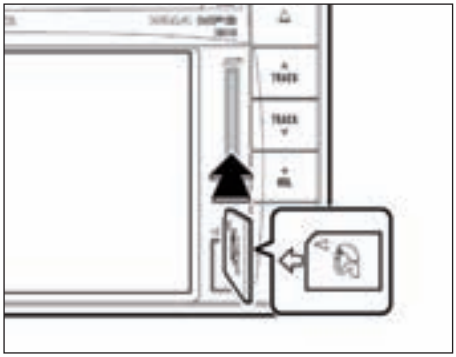
2. **Touch “Information”.**

3. **Touch “Remove device”.**

4. **Touch “SD”.**



5. **Push the map SD memory card lightly to remove it.**



6. **Insert the new map SD memory card.**

The map database is normally updated once a year.

Consult www.toyota-mapupdates.eu or contact any authorized Toyota dealer or repairer and most auto parts stores or another qualified professional for information about the availability and pricing of an update.

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