



**TOYOTA**

# TNS700

Owner's manual



# 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.

**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 152 through 154.**

## **TOYOTA MOTOR CORPORATION**



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## Important information about this manual

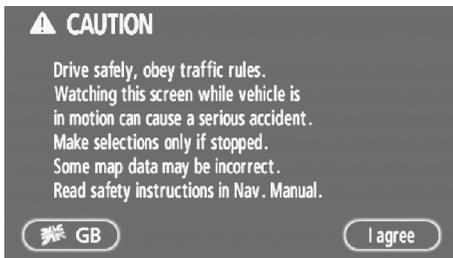
For safety reasons, this manual indicates items requiring particular attention with the following marks.

 <b>CAUTION</b>
<b>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.</b>

<b>NOTICE</b>
<b><i>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.</i></b>

<b>INFORMATION</b>
<b><i>This provides additional information.</i></b>

## Safety Instruction



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 Audio Visual Navigation System Owner's Manual to make sure you understand the system. Do not allow other people to use this system until they have read and understood the instructions in this manual.

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



## CAUTION

- **For safety, the driver should not operate the navigation system while he/she is driving. Insufficient attention to the road and traffic may cause an accident.**
- **While driving, be sure to obey the traffic regulations and maintain awareness of the road conditions. If a traffic sign on the road has been changed, route guidance may 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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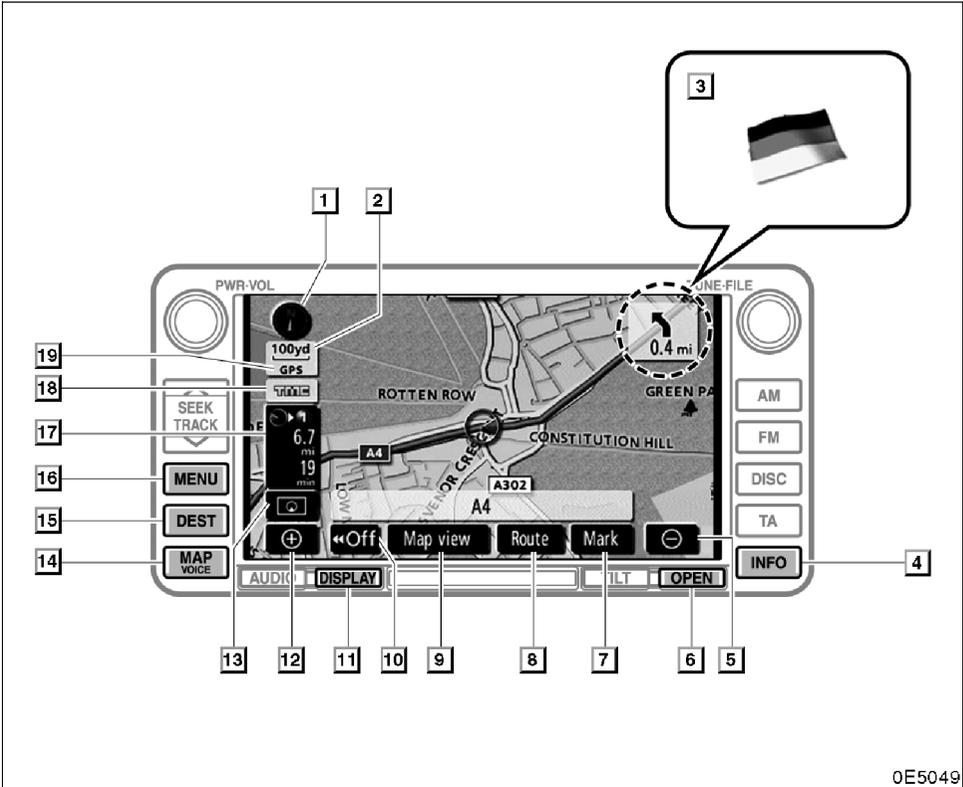
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## — Quick reference



0E5049

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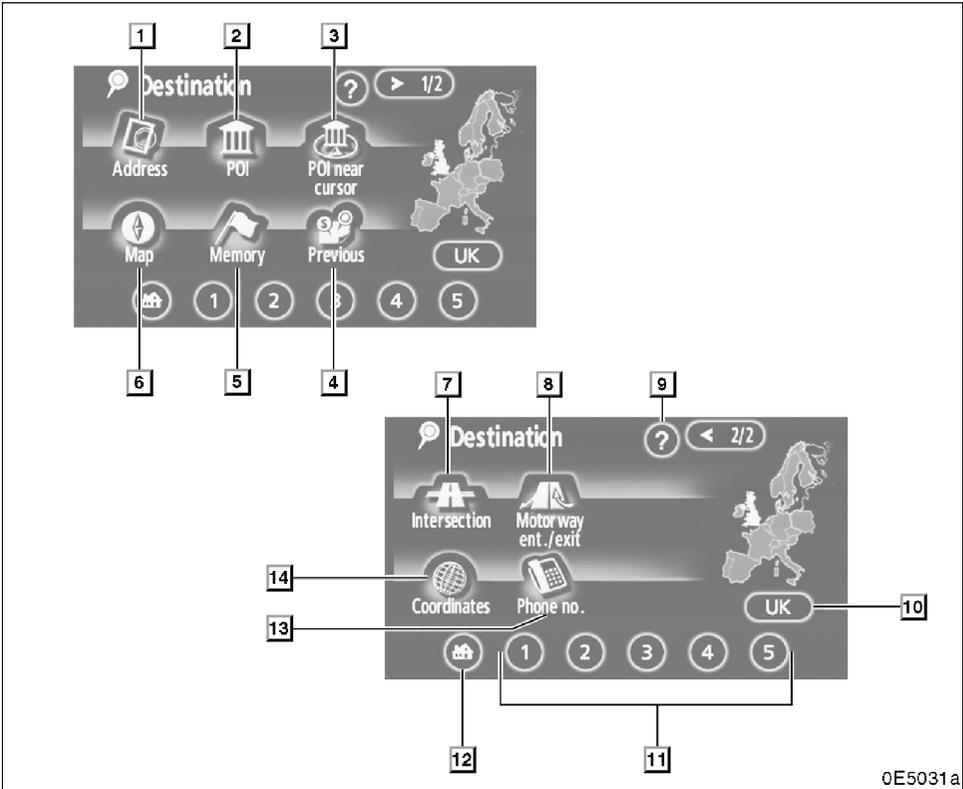
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0E5031a

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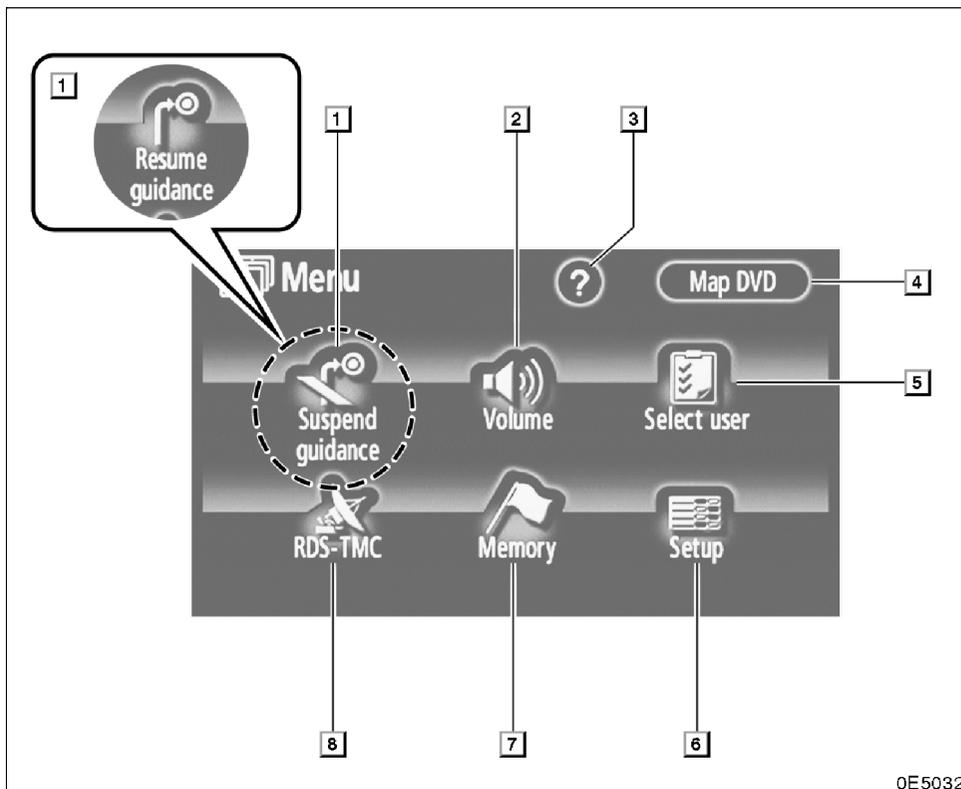
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0E5032

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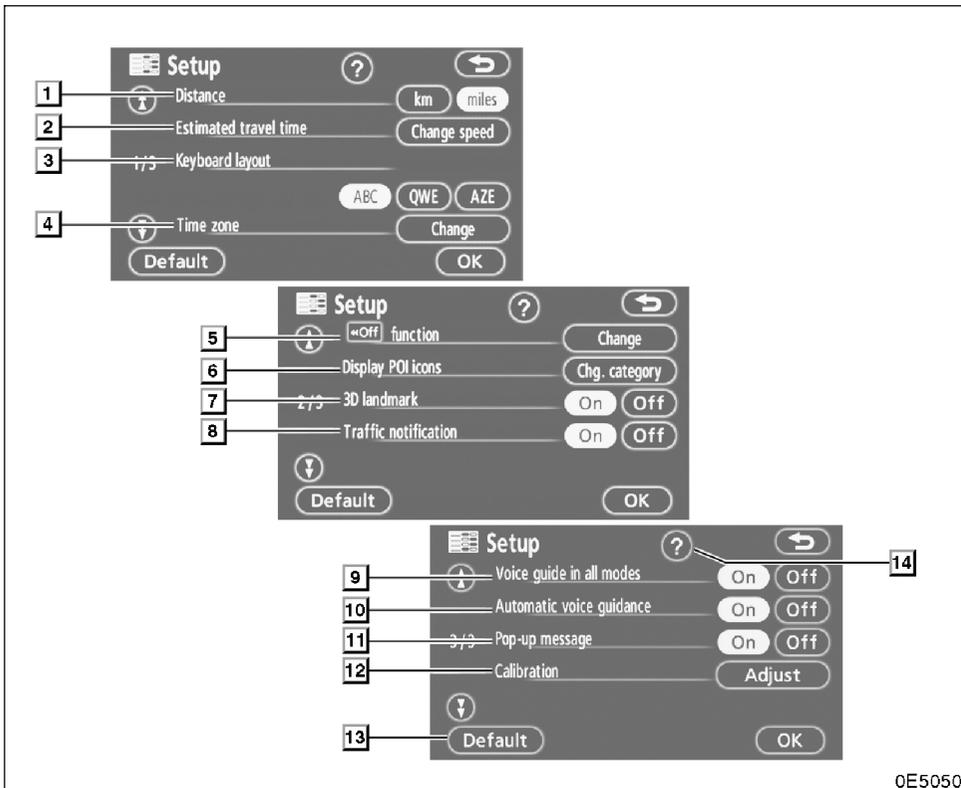
### **7** “Memory”

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## — “Setup” screen



0E5050

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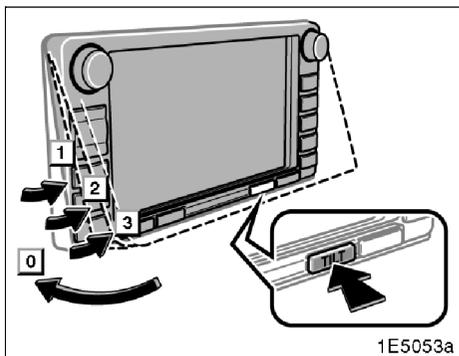
# SECTION I

## BASIC FUNCTIONS

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## Display operation



You can adjust the angle of the display by pushing the “TILT” button. Each push of the “TILT” button will tilt the display to positions **1**, **2**, **3** and then back to **0** in the reverse order.

If the ignition switch is set at OFF, the display will automatically move back to position **0**. The display will automatically resume the previous position when the ignition key is in the ACC or ON position.

### CAUTION

**Take care not to jam your hand while the display is moving. Otherwise, you could be injured.**

### NOTICE

**Do not obstruct the display while it is moving. It could damage your navigation system.**

### INFORMATION

**Under extremely cold conditions, the display may react slowly or operation sound may become louder.**

## Initial screen



When the ignition switch is set at ACC or ON, 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.

### CAUTION

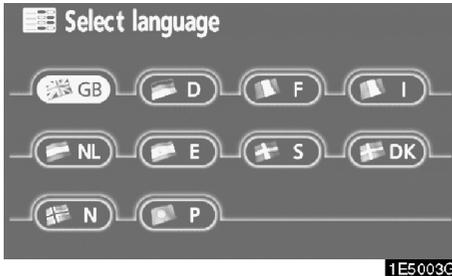
Drive safely, obey traffic rules.  
Watching this screen while vehicle is in motion can cause a serious accident.  
Make selections only if stopped.  
Some map data may be incorrect.  
Read safety instructions in Nav. Manual.

 GB

I agree

1E5002G

Touch the language button on the “CAUTION” screen.



On this screen, you can select the language shown on the screen.

**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

If a screen other than for the navigation system is displayed, the current screen would change to the “CAUTION” screen by pushing the “MAP/VOICE”, “DEST” or “MENU” button.

**When “I agree” is touched on the “CAUTION” screen, the map screen will be displayed.**

The “CAUTION” screen will be displayed when the “INFO” button is pushed and “Language” is touched. Then select a language. (See “Selecting a language” on page 116.)

### ● 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.



**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 104.

### ● 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 110.)

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 108.

## 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.*
- *When you look at the screen through polarized material such as polarized sunglasses, the screen may be dark and hard to see. If so, change the angle of the screen, look at the screen from different angles, 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 86).*

#### ● To input letters

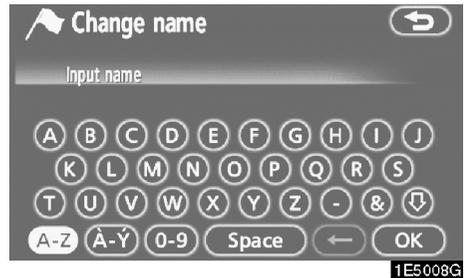
To display the alphabet keys, touch “A-Z” or “À-Ý”.



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.

 : To enter in upper case.

- **To input numbers and symbols**

To display the number keys and symbol keys, touch “0-9”.



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.

 : Touching this button displays other symbols.

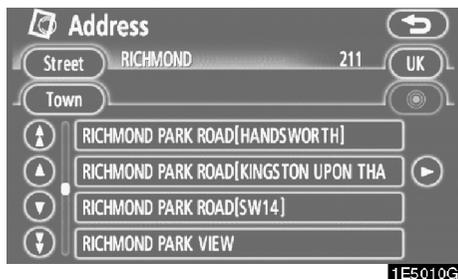


- **To display the list**



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”.

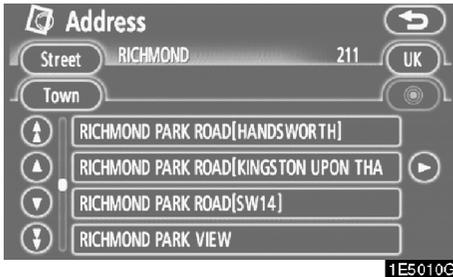


### INFORMATION

*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.



1E5010G



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 end of the name.



Touch  to scroll to the beginning of the name.

### ● Sorting

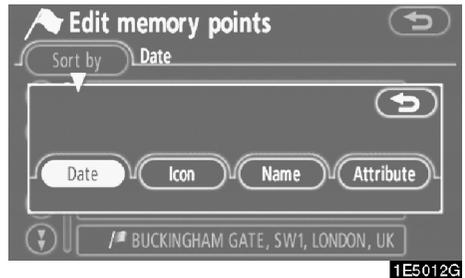
The order of a list displayed on the screen can be rearranged.

#### TYPE A



1E5011G

#### 1. Touch “Sort by”.



1E5012G

#### 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.

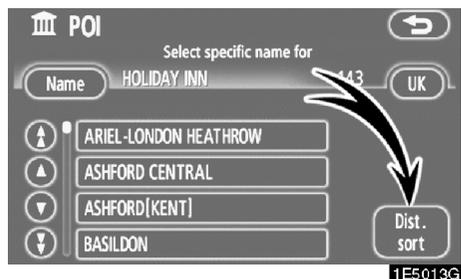
“**Category**”: To sort in the order of the category.

“**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

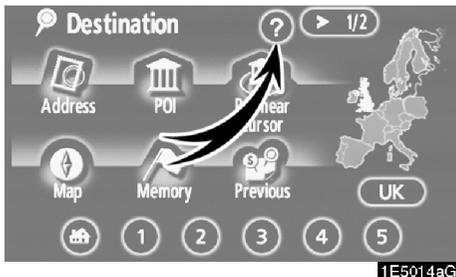


“**Dist. sort**”: To sort in the order of distance from the current vehicle location. The distance from current vehicle position up to the destination is displayed to the right of the name.

“**Name sort**”: To sort in alphabetical order by name.

## Function help

Explanations for the functions of the “Destination”, “Setup” and “Menu” screens can be viewed.



## Touch ? .

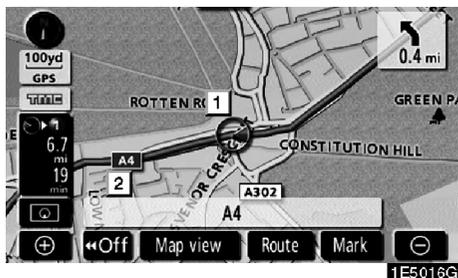


-  : To view the previous page.
-  : To view the next page.
-  : To return to the previous screen.

## 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 cor-

rected 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 92.**

## — 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.

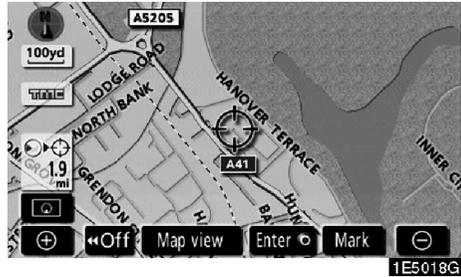
If the finger is continuously held on the screen, the map will continue scrolling in that direction until the finger is removed.

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 the cursor mark 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.

- **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.



**Touch “Enter”**.

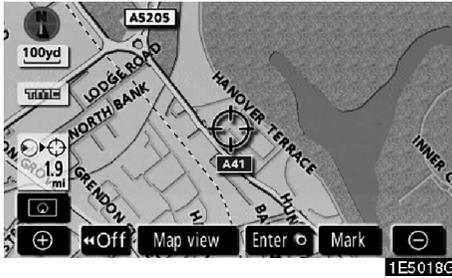
The screen changes and displays the map location of the selected destination and the road preference. (See “Starting route guidance” on page 42.)

### 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.***

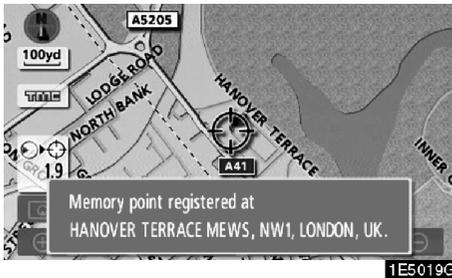
- **To register the cursor position as a memory point**

Memory point registration enables easy access to a specific point.



### Touch “Mark”.

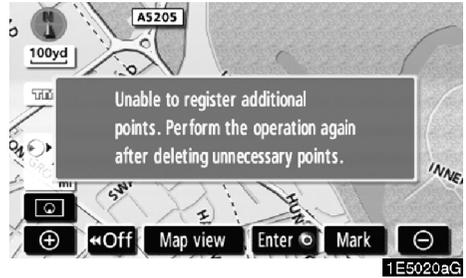
When you touch “Mark”, the following screen appears for a few seconds, and then the map screen returns.



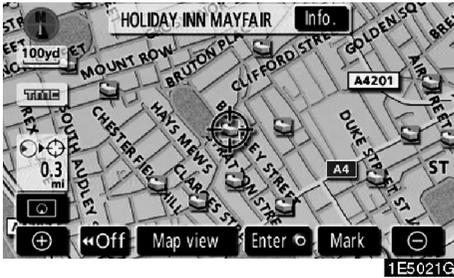
The registered point is shown by  on the map.

To change the icon or name, etc., see “ — Editing memory points” on page 74.

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



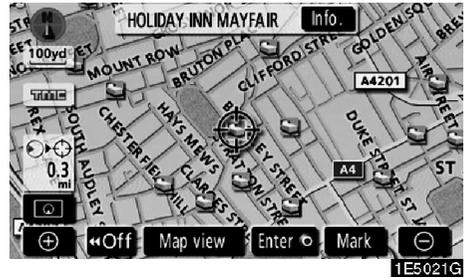
- To see information about the icon where the cursor is set



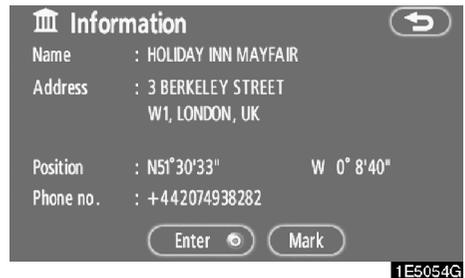
To display information about an icon, set the cursor on it.

## POI INFORMATION

When the cursor is set on a POI icon, the name and “Info.” are displayed 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 register this POI as a memory point, touch **“Mark”**. (See “ — Registering memory points” on page 73.)

### INFORMATION

*The desired Point of Interest can be displayed on the map screen. (See “ — Display POI icons” on page 60.)*

### 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 74.)

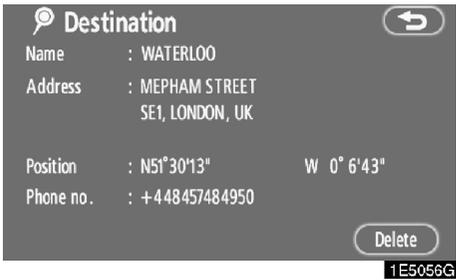
To delete a memory point, touch **“Delete”**.

## 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.”.

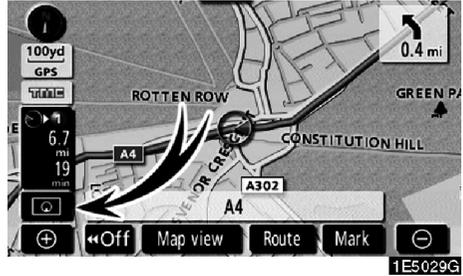


Information such as the name, address, position and phone number are displayed.

To delete a destination, touch “Delete”.

## — Switching the screens

Any one of the screen configurations can be selected.



1. Touch this button to display the following screen.



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

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

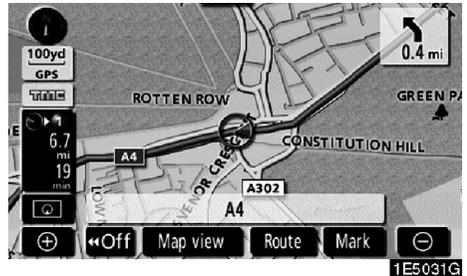
-  : To display the single map screen. (See page 15.)
-  : To display the dual map screen. (See page 16.)
-  : To display the compass mode screen. (See page 16.)
-  : To display the turn list screen. (See page 50.)
-  : To display the arrow screen. (See page 50.)
-  : To display the motorway information screen. (See page 48.)
-  : To display the intersection guidance screen and the guidance screen on the motorway. (See page 49.)

## ● Screen configurations

### SINGLE MAP

This is a regular map screen.

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

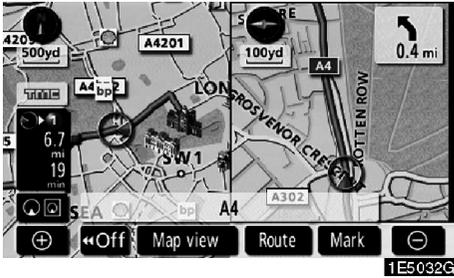


The screen shows the single map.

## DUAL MAP

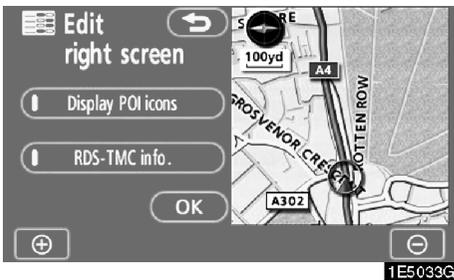
A map can be displayed split in two.

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



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.



This screen can perform the following procedures.

1. Changing the map scale
2. Displaying the POI icons
3. Show RDS-TMC info. (See page 94.)
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.



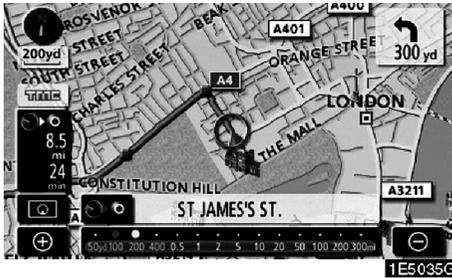
Information about the destination and current position, as well as a compass, is displayed on the screen.

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



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. It is not available while driving.

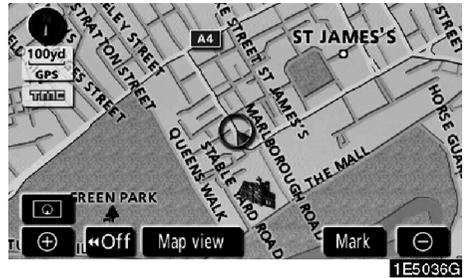
If appears, you can change the map scale to display the entire route to the next destination by touching this button.

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

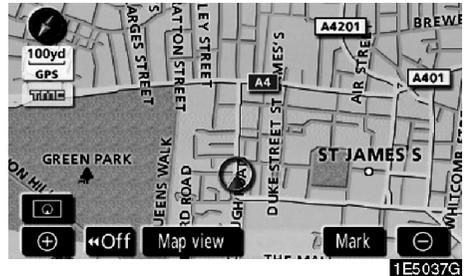
### INFORMATION

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

## — Orientation of the map



### ► North-up screen



### ► Heading-up screen

The orientation of the map can be changed from North-up to Heading-up by 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.



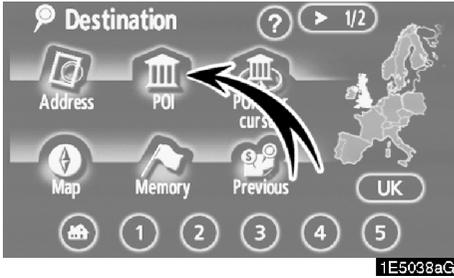
#### Heading-up symbol

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.



### 2. Touch “POI”.

#### **INFORMATION**

*There are 13 different methods to search destinations. (See “Destination search” on page 24.)*



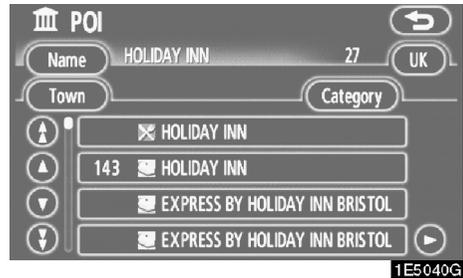
### 3. Enter the name of the destination.

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.

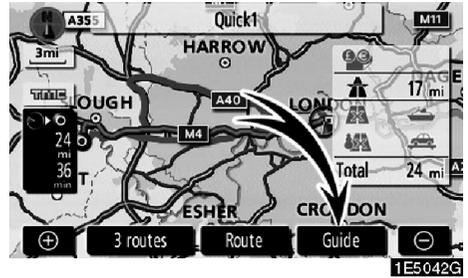


### 4. Select the destination from the displayed list.



### 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 48 and 51.)

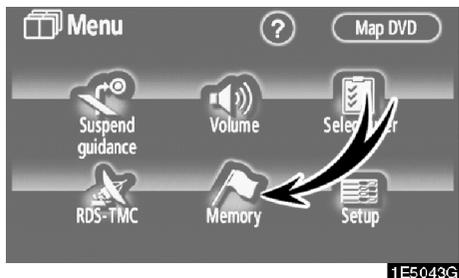
### **INFORMATION**

*It is possible to change the route. (See “Starting route guidance” on page 42.)*

## — Registering home

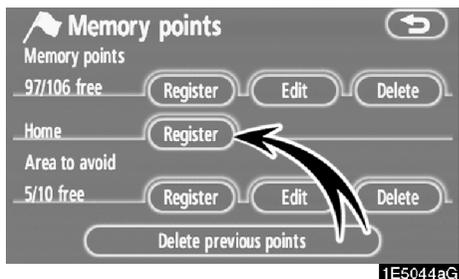
The home button on the “Destination” screen can be used if your home has been registered. (See “ — Destination search by Home” on page 26.)

### 1. Push the “MENU” button.



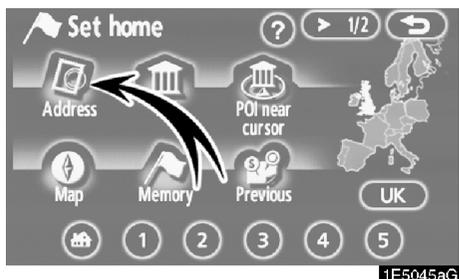
1E5043G

### 2. Touch “Memory”.



1E5044aG

### 3. Touch “Register”.



1E5045aG

### 4. Touch “Address”.



1E5048G

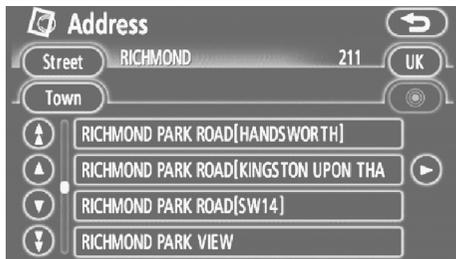
### 5. Enter the street name.

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.



1E5010G

6. Select the street name from the displayed list.



1E5050G

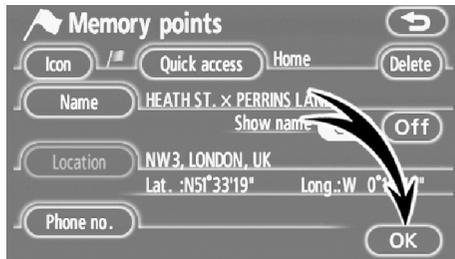
7. Enter the house number.



1E5051aG

8. Touch "Enter".

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



1E5049bG

Registered "Home" information will be displayed.

The icon, quick access, name, location, and phone number can be changed. (See " — Editing memory points" on page 74.)



## SECTION II

### DESTINATION SEARCH

- **Destination search** ..... 24
  - Selecting the search area ..... 24
  - Destination search by Home ..... 26
  - Destination search by Quick access ..... 26
  - Destination search by “Address” ..... 27
  - Destination search by “POI” ..... 31
  - Destination search by “POI near cursor” ..... 35
  - Destination search by “Memory” ..... 38
  - Destination search by “Previous” ..... 38
  - Destination search by “Map” ..... 39
  - Destination search by “Intersection” ..... 39
  - Destination search by “Motorway ent./exit” ..... 40
  - Destination search by “Coordinates” ..... 41
  - Destination search by “Phone no.” ..... 42
- **Starting route guidance** ..... 42

## Destination search —

Push the “DEST” button and the “Destination” screen appears.



You can use one of 12 different methods to search your destination. (See pages 26 through 42.)

### 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. Touch the search area touch-screen button on the “Destination” screen to display a map of the Europe divided into 23 countries. (For map database information and updates, see “Map database information and updates” on page 155.)



2. Touch the button indicating the country to select a search area.  
3. 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”, “Motorway ent./exit”, “Inter-section” or “Phone no.”.



1. Touch the search area touch-screen button on the input screen to display a map of the Europe divided into 23 countries. (For map database information and updates, see “Map database information and updates” on page 155.)



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

3. Touch “OK” and the previous screen returns.

Button	Countries
“A”	Austria* <sup>1</sup>
“AND”	Andorra
“B”	Belgium
“CH”	Switzerland* <sup>1</sup>
“CZ”	Czech Republic
“D”	Germany
“DK”	Denmark
“E”	Spain* <sup>2</sup>
“F”	France* <sup>3</sup>
“FIN”	Finland
“FL”	Liechtenstein
“I”	Italy* <sup>4</sup>
“IRL”	Ireland
“L”	Luxembourg
“MC”	Monaco
“N”	Norway
“NL”	Netherlands
“P”	Portugal
“PL”	Poland
“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

## — Destination search by Home



2E5005aG

Touch the home touch-screen button on the “Destination” screen.

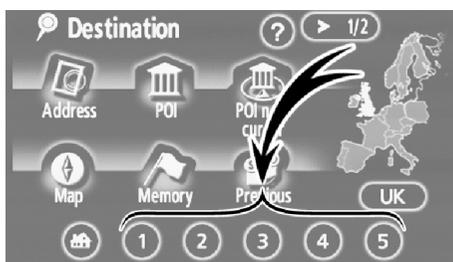
The screen changes and displays the map location for home and the road preference. (See “Starting route guidance” on page 42.)

To use this function, it is necessary to set “Home” for the memory point. (To register “Home”, see page 79.)

### **INFORMATION**

***Guidance starts from the current vehicle position to your home if “Enter” is touched even while driving.***

## — Destination search by Quick access



2E5006aG

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 42.)

To use this function, it is necessary to set “Quick access” for each memory point. (To register “Quick access”, see page 76.)

### **INFORMATION**

***Guidance starts from the current vehicle position to the quick access point if “Enter” is touched even while driving.***

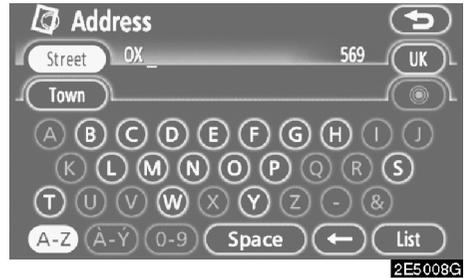
## — Destination search by “Address”

There are 2 ways to input a destination by address.

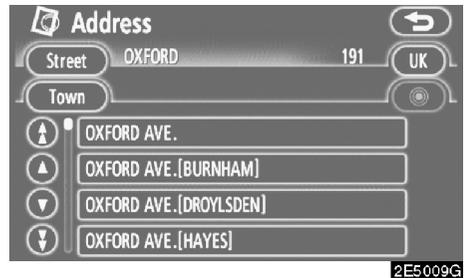
**Touch “Address” on the “Destination” screen.**



### (a) Inputting a street name



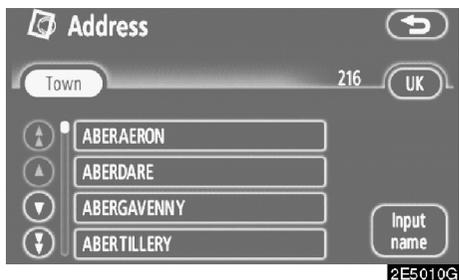
#### 1. Input the street name.



#### 2. Touch the button of the desired street name.

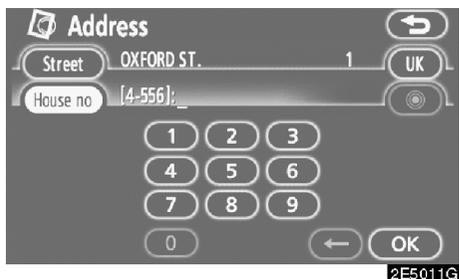
The screen changes and displays the map location of the selected destination and the road preference. (See “Starting route guidance” on page 42.)

If the same street exists in more than one town, the current screen changes to the town list screen.



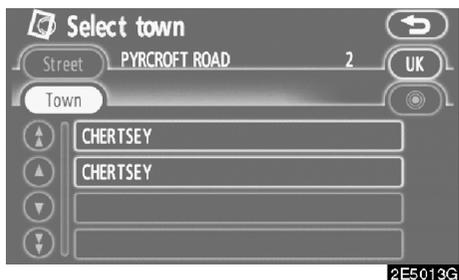
### 3. Select or enter the desired town.

“**Input name**”: To narrow down the listed items by inputting the town name.



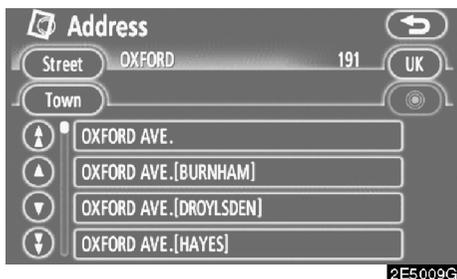
### 4. Input the house number.

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

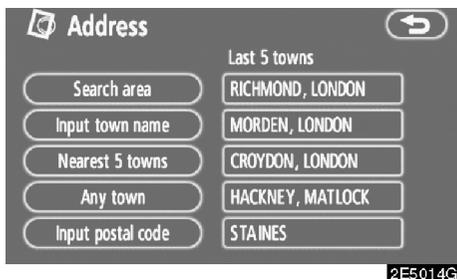


If the same street exists in more than one town, the current screen changes to the town list screen.

### (b) Selecting a town to search



### Touch “Town”.



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”.



2. Input the town name.



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 42.)

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

**SELECTING FROM THE NEAREST 5 TOWNS**

1. Touch “Nearest 5 towns”.

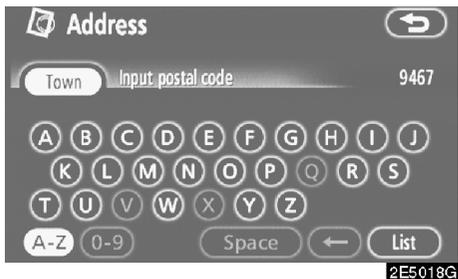


2. Touch the button of the desired town name from the displayed list.

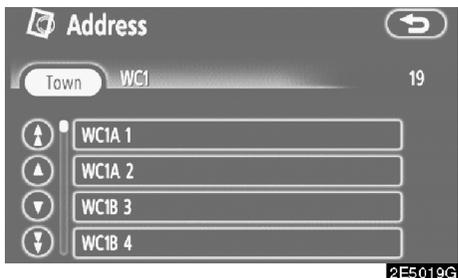
The current screen changes to the screen for inputting a street name. After inputting a street name, the screen may change to the screen for inputting a house number or a street map.

## INPUTTING THE POSTAL CODE

### 1. Touch “Input postal code”.



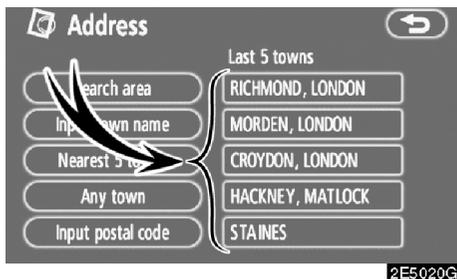
### 2. Input the postal code.



### 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.

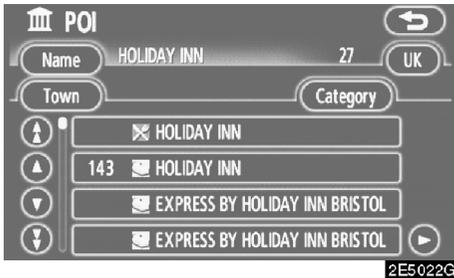
The current screen changes to the screen for inputting a street name. After inputting a street name, the screen may change to the screen for inputting a house number or a street map.

## — Destination search by “POI”

### 1. Touch “POI” on the “Destination” screen.



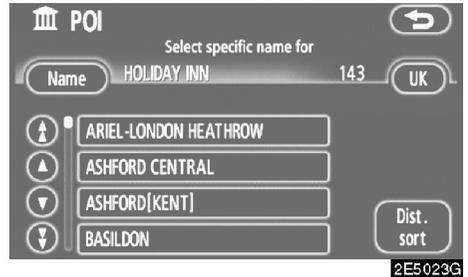
### 2. Input the name of the Point of Interest.



### 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 42.)

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.

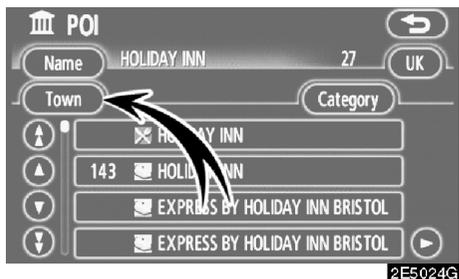


### Touch the button of the desired destination.

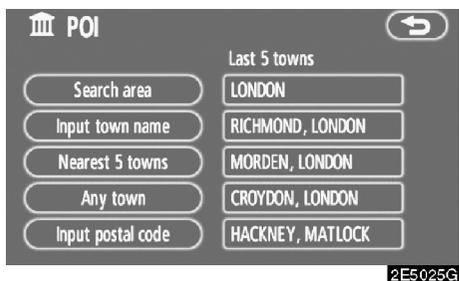
If the same name exists in more than one town, a search can be performed more easily with “Town” and “Category”. (See “(a) Selecting a town to search” on page 32 and “(b) Selecting from the categories” on page 34.)

### INFORMATION

*The desired Point of Interest can be displayed on the map screen. (See “— Display POI icons” on page 60.)*

**(a) Selecting a town to search**

Touch “Town”.



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**

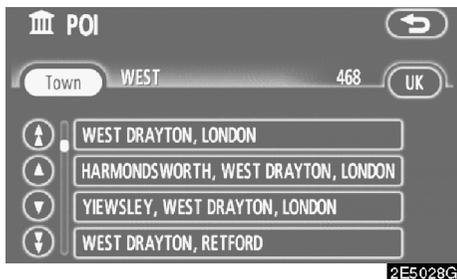
- To change the search area, touch “Search area”.
- To cancel the town setting, touch “Any town”.

**INPUTTING THE TOWN NAME**

1. Touch “Input town name”.



2. Input the town name.



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

## SELECTING FROM THE NEAREST 5 TOWNS

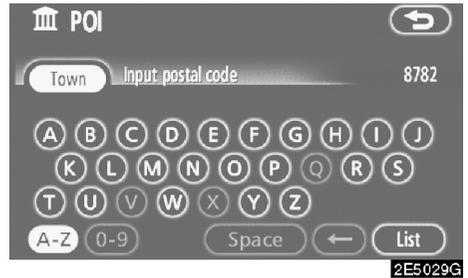
1. Touch “Nearest 5 towns”.



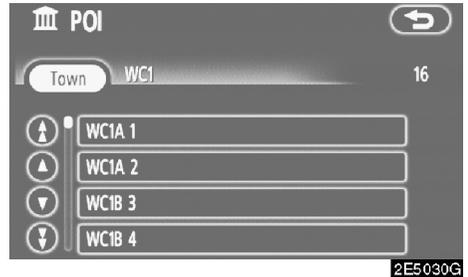
2. Touch the button of the desired town name.

## INPUTTING THE POSTAL CODE

1. Touch “Input postal code”.

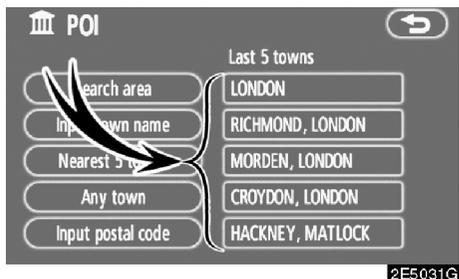


2. Input the postal code.



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

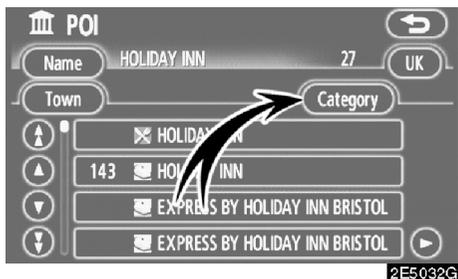
### SELECTING FROM THE LAST 5 TOWNS



Touch the button of the desired town name.

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

### (b) Selecting from the categories

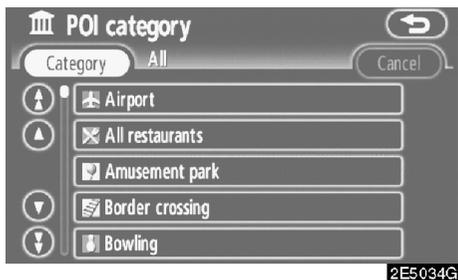


Touch “Category”.



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.

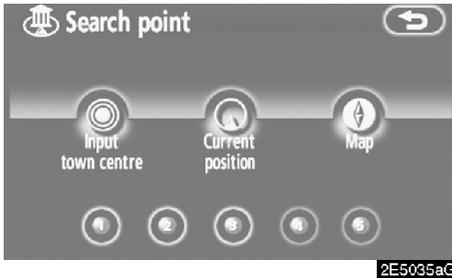


When the desired category is touched, the POI name list or POI name input screen is displayed.

## — Destination search by “POI near cursor”

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

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



2E5035aG

**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”.



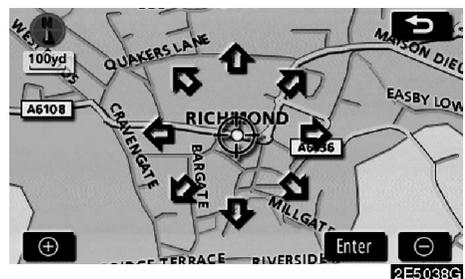
2E5036G

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.

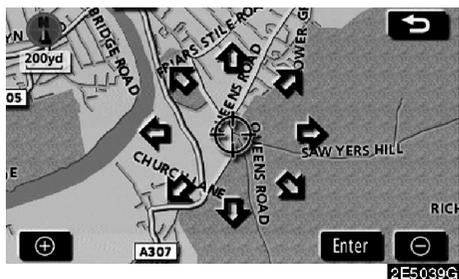
## SETTING THE CURRENT POSITION AS THE SEARCH POINT

### 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”.



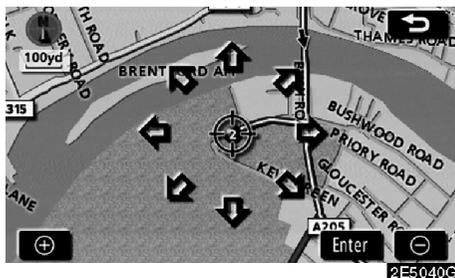
When an arrow facing the desired point is touched, the map scrolls in that direction. Releasing the finger from the arrow will stop the scrolling.

### 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.



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**

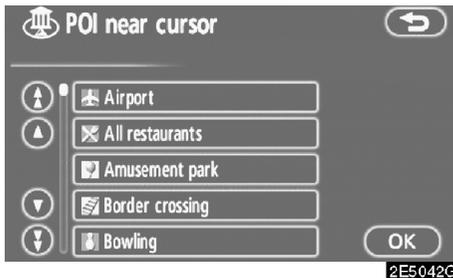
When the search point is set, the “POI near cursor” screen will be displayed.



### 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.



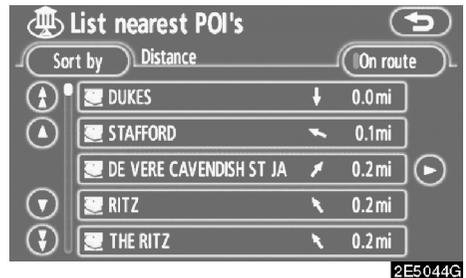
### Select the desired POI categories from the list and touch “OK”.

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



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

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



By touching the button of the desired item, the screen changes and displays the map location of the selected destination and the route preference. (See “Starting route guidance” on page 42.)

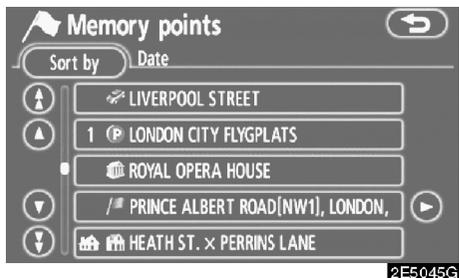
The direction arrows of POIs are displayed only when the current position is set as the search point.

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

To displays your list of registered memory points. (To register or edit memory points, see “Memory” on page 72.)

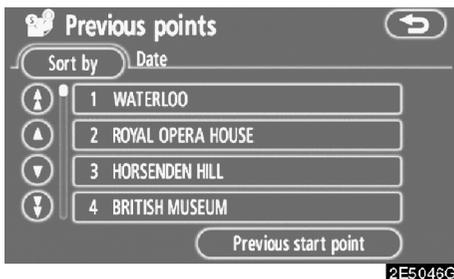


2. Touch the button of the desired memory point.

The screen changes and displays the map location of the selected destination and the road preference. (See “Starting route guidance” on page 42.)

## — Destination search by “Previous”

1. Touch “Previous” on the “Destination” screen.



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

2. Touch the button of the desired destination.

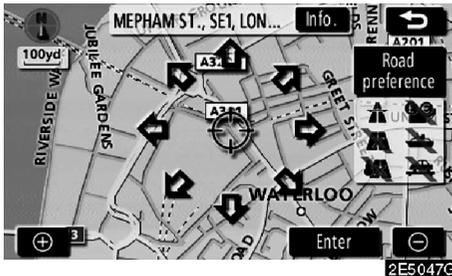
The screen changes and displays the map location of the selected destination and the road preference. (See “Starting route guidance” on page 42.)

### INFORMATION

*The list of previous destinations can be deleted when the vehicle is stopped. (See “ — Deleting previous points” on page 84.)*

## — Destination search by “Map”

Touch “Map” on the “Destination” screen.



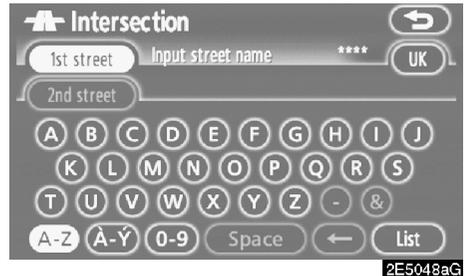
The screen changes and displays the map location that was previously displayed just before the destination input operation and the road preference. (See “Starting route guidance” on page 42.)

### INFORMATION

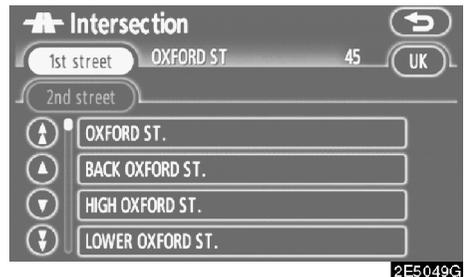
**Guidance starts if “Enter” is touched even while driving. However, the cursor cannot be moved.**

## — Destination search by “Intersection”

1. Touch “Intersection” on the second page of the “Destination” screen.

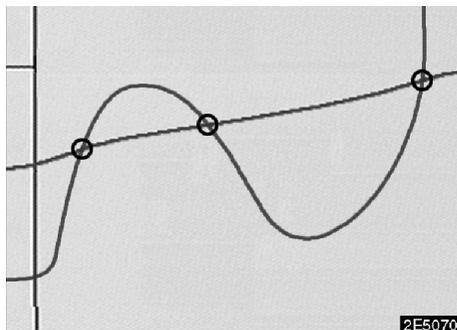


2. Input the name of the two intersecting streets which are located near the destination to be set.



3. 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 42.)



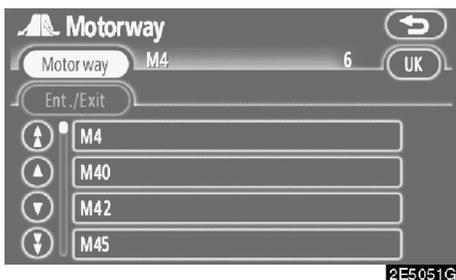
If the same two streets cross at more than one intersection, the screen changes and displays the menu to select the town name where the streets intersect. Select the town, and the map location of the selected destination and the road preference. (See “Starting route guidance” on page 42.)

## — Destination search by “Motorway ent./exit”

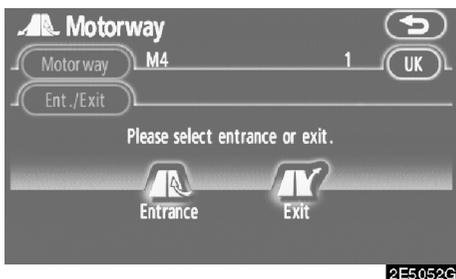
1. To input a motorway entrance or exit, touch “Motorway ent./exit” on the second page of the “Destination” screen.



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



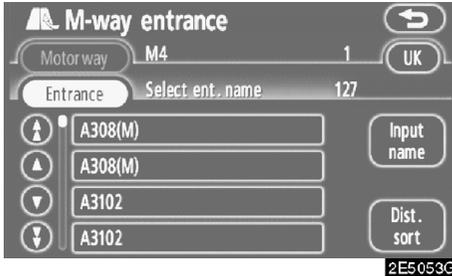
2. Select the desired motorway by touching the button.



3. Either a motorway “Entrance” or “Exit” can be selected.

## — Destination search by “Coordinates”

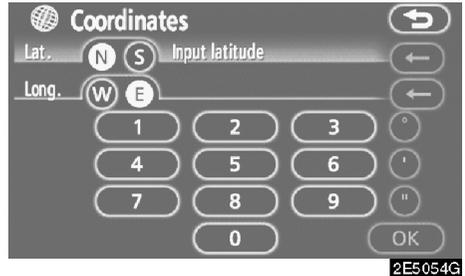
1. Touch “Coordinates” on the second page of the “Destination” screen.



4. Touch the button of the desired entrance or exit name.

The screen changes and displays the map location of the selected destination and the road preference. (See “Starting route guidance” on page 42.)

“**Input name**”: An applicable list is displayed by touching this button and inputting the name.



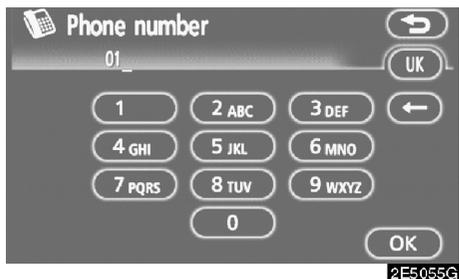
2. Input the latitude and the longitude.

3. 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 42.)

## — Destination search by “Phone no.”

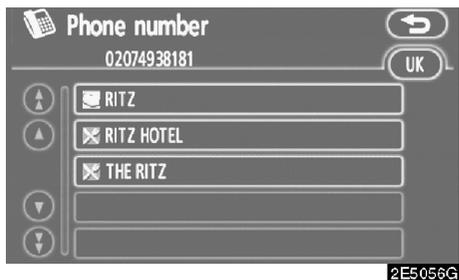
1. Touch “Phone no.” on the second page of the “Destination” screen.



2. Input a telephone number.
3. 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 42.)

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

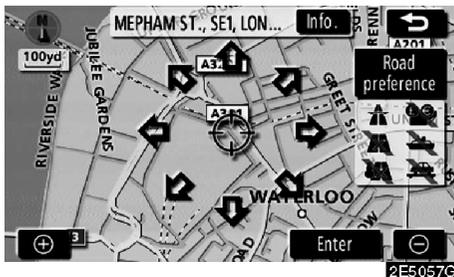


### INFORMATION

*To set a memory point as a destination using the phone number, the number must be registered previously. (See page 78.)*

## Starting route guidance

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



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

Releasing the finger from the arrow will stop the scrolling.

2. Touch “Enter”.

The system starts route search and displays recommended routes.

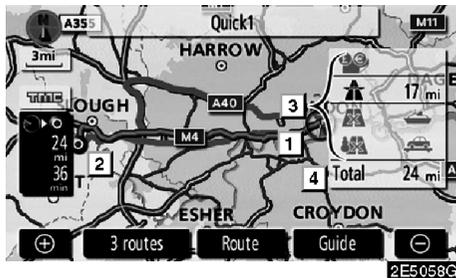
If there is already a set destination, “Add to 

“Add to 

“Replace 

“Road preference”: To change the road preference. (See page 44.)

“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 44.)

“Route”: To change the route. (See pages 54 and 57.)

## INFORMATION

- *Guidance can be suspended or resumed. (See “Suspending and resuming guidance” on page 68.)*
- *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.*

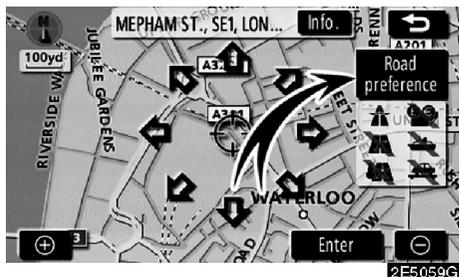


## CAUTION

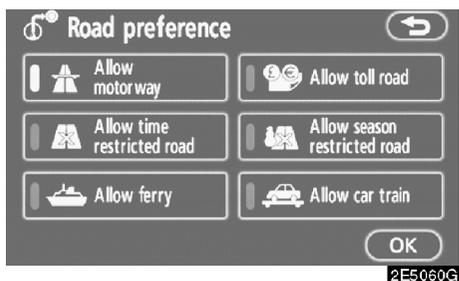
Be sure to obey traffic regulations and keep road conditions in mind while driving. If a traffic sign on the road has been changed, the route guidance may provide wrong information.

- 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.

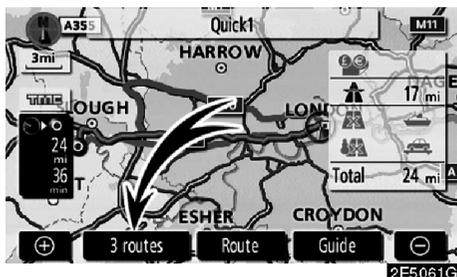
When searching for a route, the system will avoid routes when the indicator is off.

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

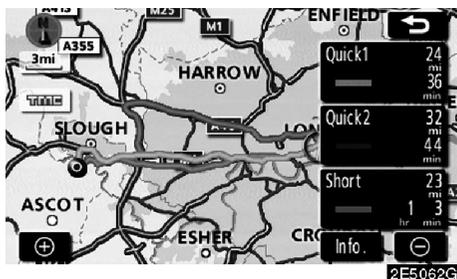
### INFORMATION

- 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 GPS signals, 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.

	Quick1	Quick2	Short
1	36 min	44 min	1h 3 min
2	24 mi	32 mi	23 mi
3	0.0 mi	0.0 mi	0.0 mi
4	17 mi	25 mi	0.0 mi
5	0.0 mi	0.0 mi	0.0 mi
6	0.0 mi	0.0 mi	0.0 mi

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- 1 Time necessary for the entire trip
- 2 Distance of the entire trip
- 3 Toll road
- 4 Motorway
- 5 Ferry
- 6 Car train



# SECTION III

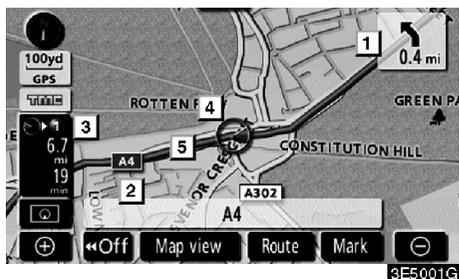
## ROUTE GUIDANCE

- Route guidance screen ..... 48
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## Route guidance screen

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

### • Screen layout



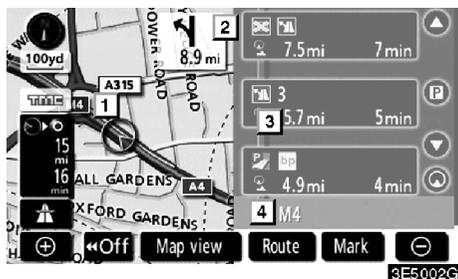
- 1 Distance to the next turn and the arrow indicating turning direction
- 2 Current street name
- 3 Distance and travel/arrival time to the destination
- 4 Current position
- 5 Guidance route

### 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.



- 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
- P** : 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.



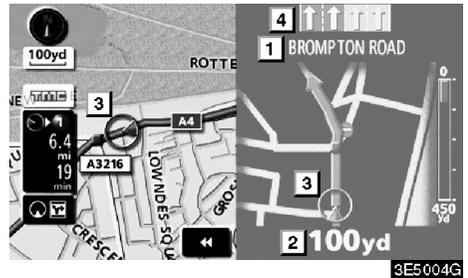
- 1 **Road/area name**
- 2 **Distance from the current position to the exit or junction**
- 3 **Current position**

◀◀ : 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.



- 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.

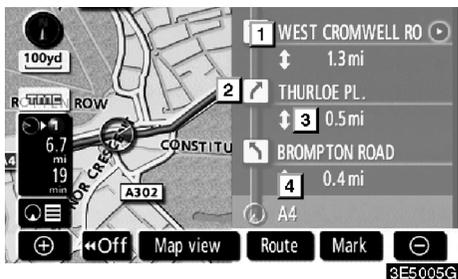
When touching  or pushing the “**MAP/VOICE**” button, the intersection guidance screen reappears.

- 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.

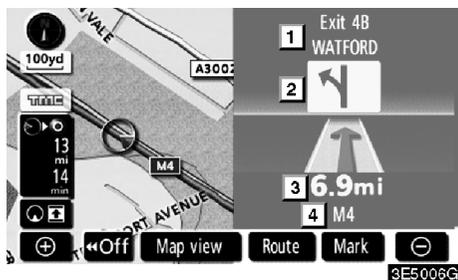


- 1 Next street name or destination name
- 2 Turn direction
- 3 Distance to the next turn
- 4 Current street name

### ARROW SCREEN

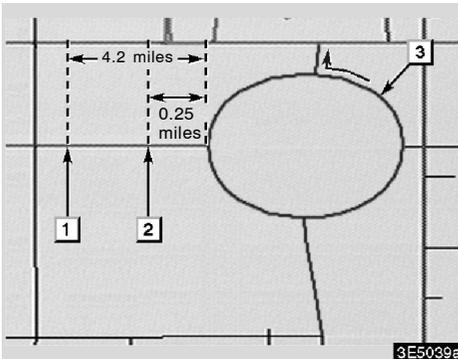
On this screen, information about next turns on the guidance route can be viewed.

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

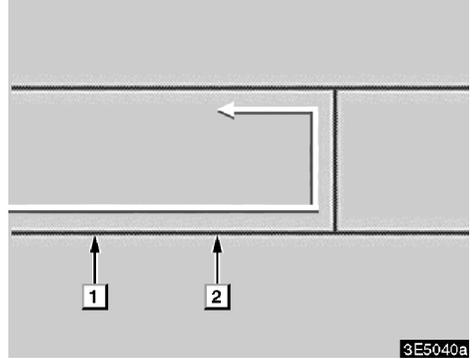
## Typical voice guidance prompts



- 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."

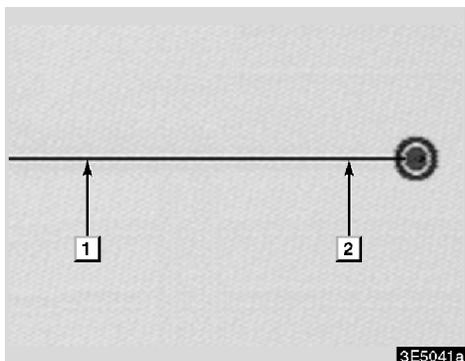
### INFORMATION

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



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.”

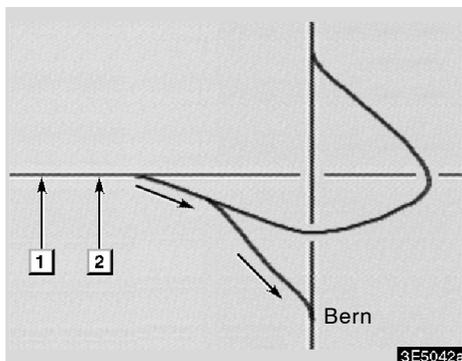
Or

“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.”

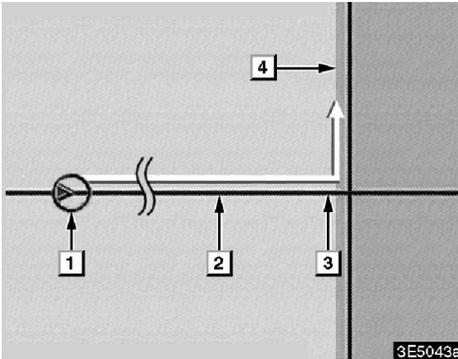


1 “In 1 mile, keep right.”

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 69.**



### 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.

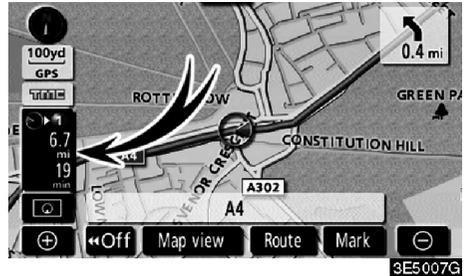
- 1 "There is the possibility that there are traffic regulations that are not known on the way to the destination." (start point)
- 2 "In 400 m, left turn."
- 3 "Next left. Please obey all traffic regulations."
- 4 The area that includes IPD roads.



### 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



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.



### 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.

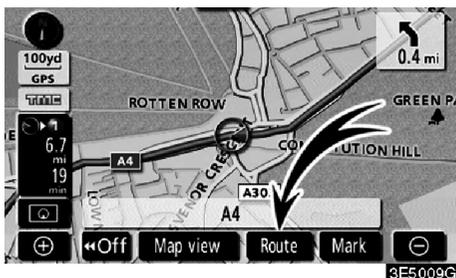
 Displayed while driving off the guidance route. The destination direction is indicated by an arrow.

## INFORMATION

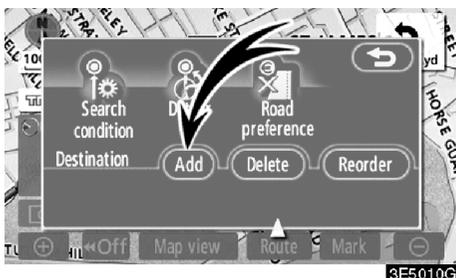
*When the vehicle is on the guidance route, the distance measured along the route is displayed. Travel time and arrival time is calculated based on the set vehicle speed information. (See page 85.) However, when the vehicle is not on the guidance route, the distance is the linear distance between the current position and the destination.*

## Setting and deleting destination — — Adding destinations

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



### 1. Touch “Route”.



### 2. Touch “Add” of “Destination”.

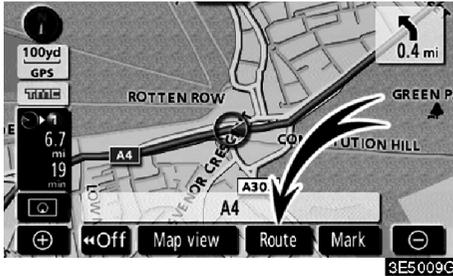
3. Input an additional destination in the same way as the destination input. (See “Destination search” on page 24.)



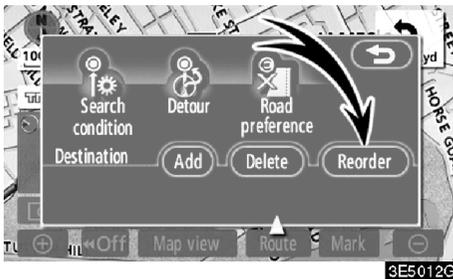
4. Touch the desired “Add” to determine the arrival order of the additional destination.

## — Reordering destinations

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



### 1. Touch “Route”.



### 2. Touch “Reorder” of “Destination”.



### 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.

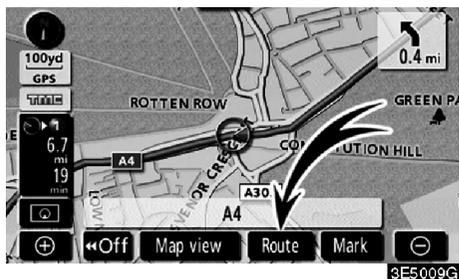
Touching “**Undo**” will cancel each selected order number from the previously input number.

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

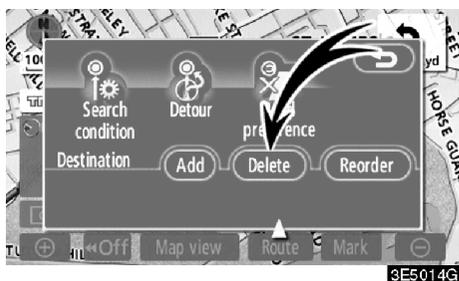
The system searches for the guidance route again, and displays the entire route. Even if “**OK**” is not touched, the entire route is displayed automatically within a few seconds when the order is fixed.

## — Deleting destinations

A set destination can be deleted.



### 1. Touch “Route”.



### 2. Touch “Delete” of “Destination”.

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



### 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.

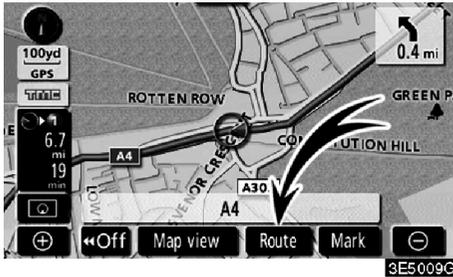
If “No” is touched, the previous screen will return.

### 5. If more than one destination is set, touch “OK” after deleting the destination(s).

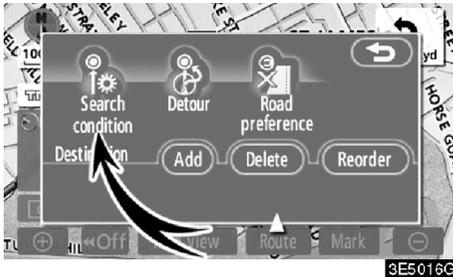
The system searches for the guidance route again, and displays the entire route.

## Setting route — — Search condition

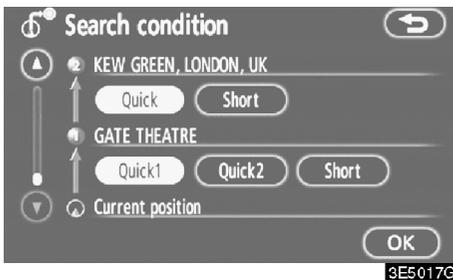
You can designate the road conditions of the route to the destination.



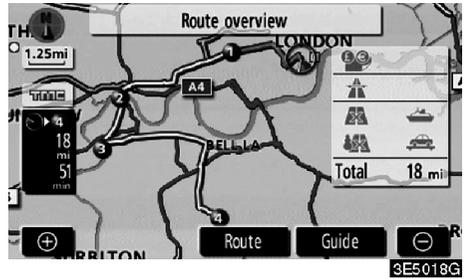
### 1. Touch “Route”.



### 2. Touch “Search condition”.



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



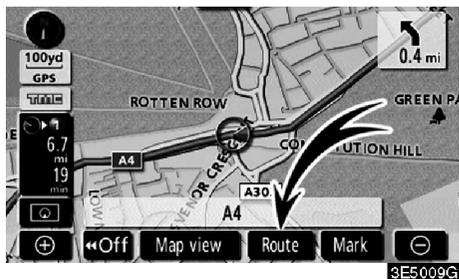
The entire route from the starting point to the destination is displayed.

“**Guide**”: To start guidance.

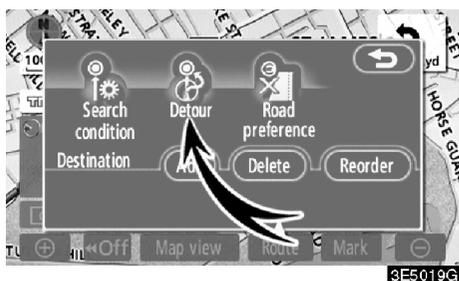
“**Route**”: To change a route. (See pages 54 and 57.)

## — 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.



1. Touch “Route”.



2. Touch “Detour”.

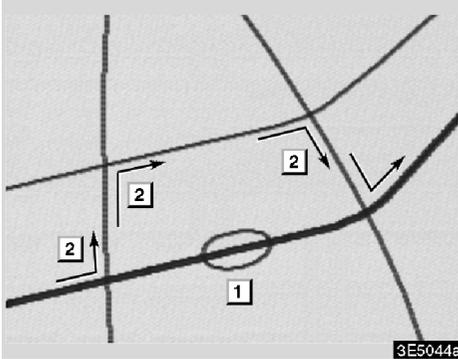


3. Select the button below to select the desired detour distance.

“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.



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

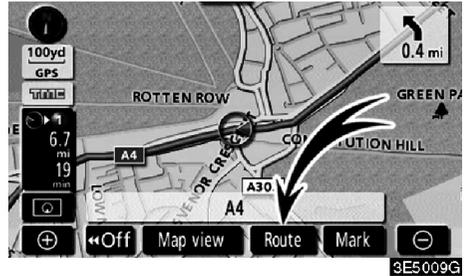
- 1 This position indicates the location of a traffic jam caused by road repairs or an accident.
- 2 This route indicates the detour suggested by the system.

### INFORMATION

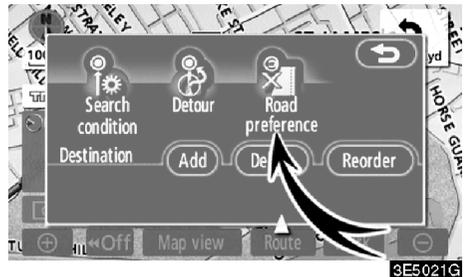
- *When your vehicle is on a motorway, the detour distance selections are 5, 15, and 25 km (miles).*
- *The system may not be able to calculate a detour route depending on the selected distance and surrounding road conditions.*

## — Road preference

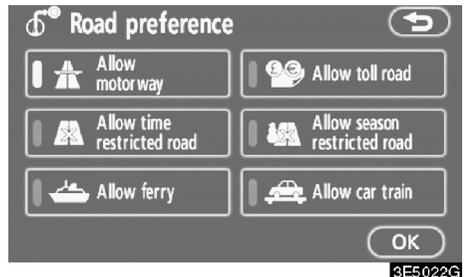
A number of choices are provided on the conditions which the system uses to determine the route to the destination.



### 1. Touch "Route".



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



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

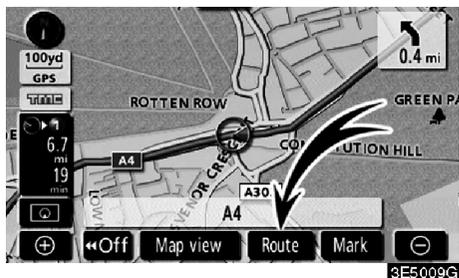
When searching for a route, the system will avoid routes when the indicator is off.

4. After choosing the desired road preference, touch "OK".

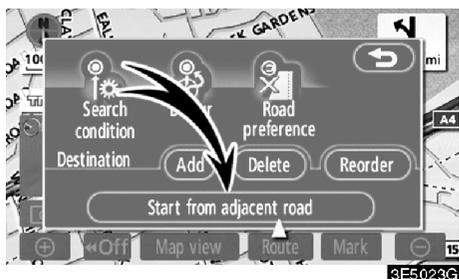
## — Starting route from adjacent road

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.)



### 1. Touch "Route".

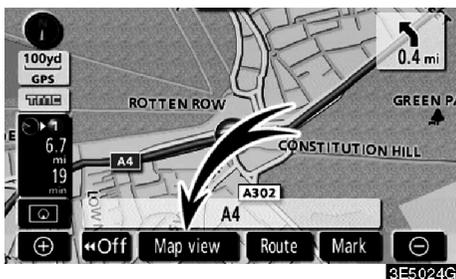


### 2. Touch "Start from adjacent road".

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

## Map view — — Display POI icons

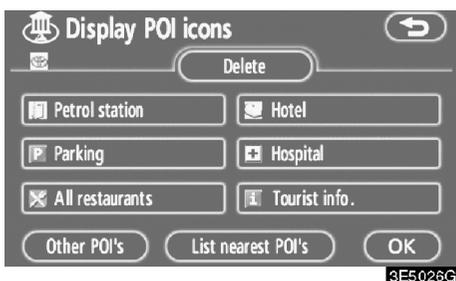
Points of Interest such as petrol stations and restaurants can be displayed on the map screen. You can also set their location as a destination and use them for route guidance.



### 1. Touch "Map view".



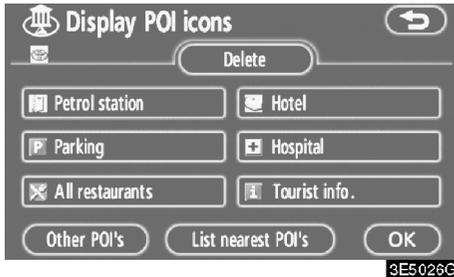
### 2. Touch "Display POI icons" to display a particular type of Point of Interest on the screen.



A screen with a limited choice of Points of Interest will be displayed. (To change the displayed POI, see page 88.)

- **Selecting POIs to be displayed**

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



**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.

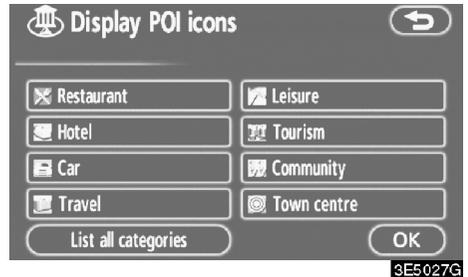
To turn off the Points of Interest icon on the map screen, touch **“Delete”**.

**“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 62.)

**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.

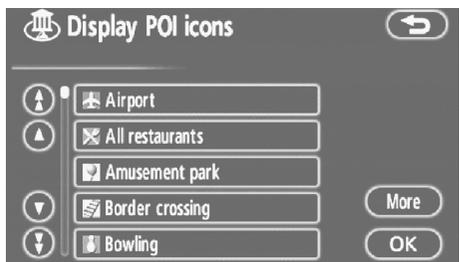


**Select the desired POI categories.**

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.

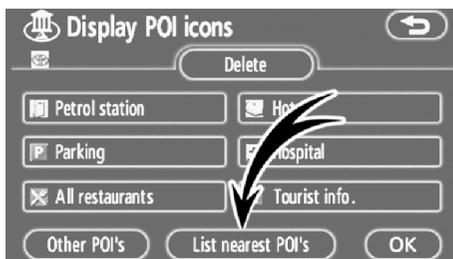
The selected category icon appears on the top left of the screen.

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”**.

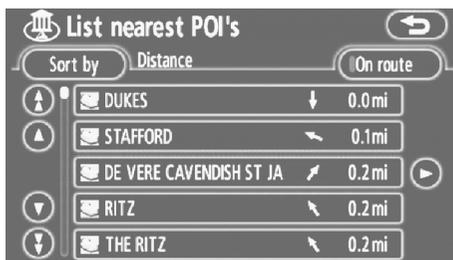
### ● To display the local POI list

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

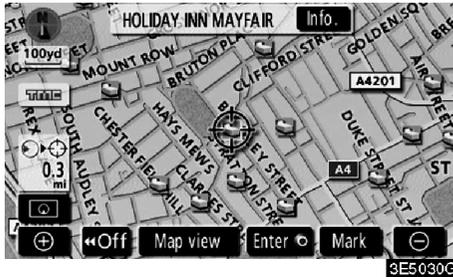
### 2. Touch the button of the desired Point of Interest.

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.



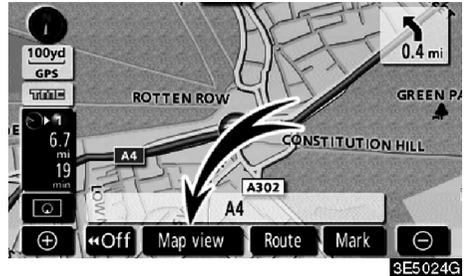
- 1. Directly touch the Point of Interest icon that you want to set as a destination.**

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 42.)

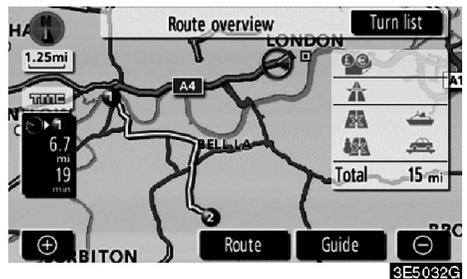
## — Route overview



- 1. Touch “Map view”.**



- 2. Touch “Route overview”.**



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

“**Guide**”: To start guidance.

“**Route**”: To change the route. (See pages 54 and 57.)

“**Turn list**”: The following screen displays the list of the roads up to the destination.



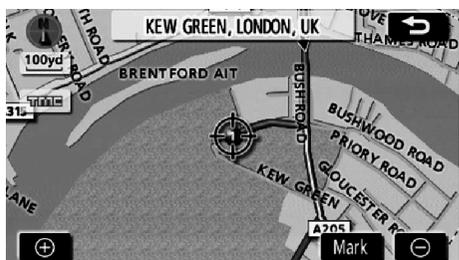
3E5033G

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.
- 

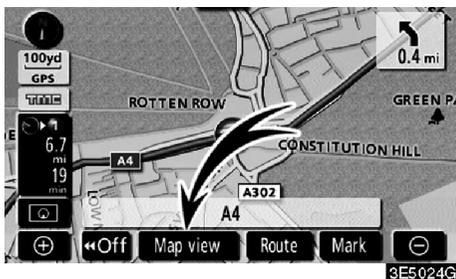
### Touch “Map” of the “Turn list” screen.

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



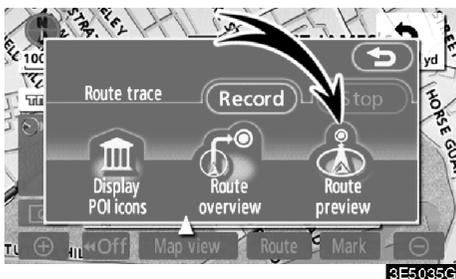
3E5034G

## — Route preview



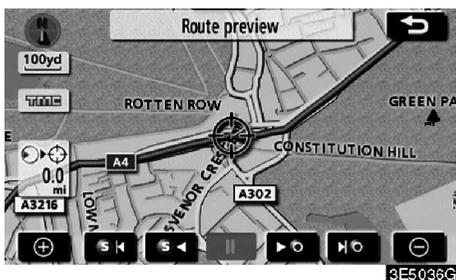
3E5024G

### 1. Touch “Map view”.



3E5035G

### 2. Touch “Route preview”.



3E5036G

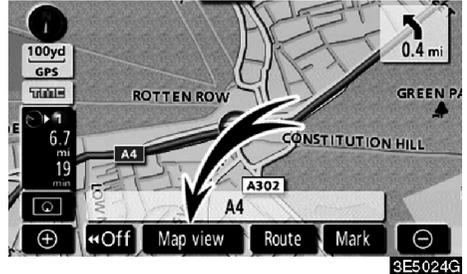
-  : To indicate the next destination.
-  : To preview the route to the next destination.
-  : To preview the route to the next destination in fast-forward mode.
-  : To stop the preview.
-  : To review the route to the previous destination or starting point.
-  : To review the route to the previous 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).*



Touch “Map view”.



“**Record**”: To start recording the route trace.

“**Stop**”: To stop recording the route trace.

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



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

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

# SECTION *IV*

## ADVANCED FUNCTIONS

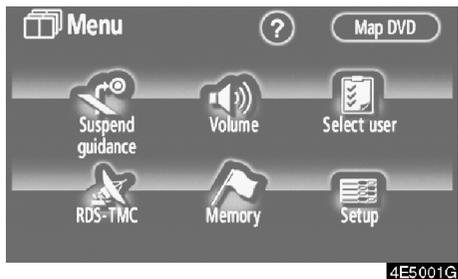
### Descriptions of functions for more effective use

- Suspending and resuming guidance ..... 68
- Volume ..... 69
- User selection ..... 70
- **Memory** ..... 72
  - Registering memory points ..... 73
  - Editing memory points ..... 74
  - Deleting memory points ..... 78
  - Registering home ..... 79
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  - Registering area to avoid ..... 80
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  - Deleting previous points ..... 84
- Setup ..... 84
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## Suspending and resuming guidance

- To suspend guidance

1. Push the “MENU” button.



2. Touch “Suspend guidance”.

### INFORMATION

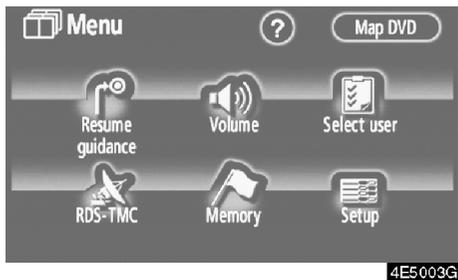
*Without route guidance, the “Suspend guidance” cannot be used.*



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

- To resume guidance

1. Push the “MENU” button.



2. Touch “Resume guidance”.

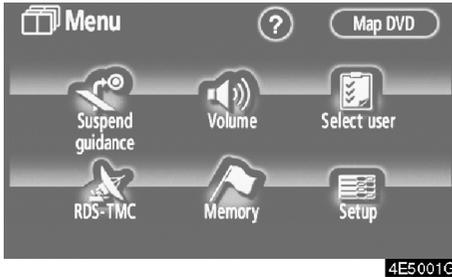


The screen will change to the current position map with route guidance.

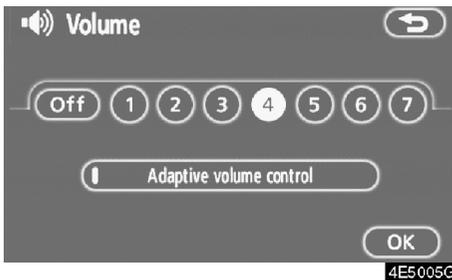
## Volume

The voice guidance volume can be adjusted or switched off.

### 1. Push the “MENU” button.



### 2. Touch “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.

### 3. 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).

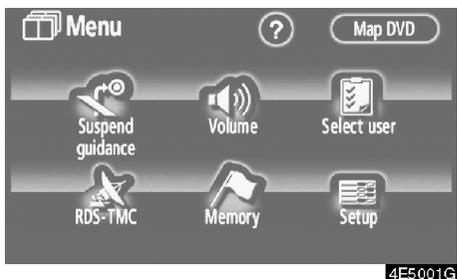
To turn the “Adaptive volume control” system on, touch the button. The indicator will be highlighted.

## User selection

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

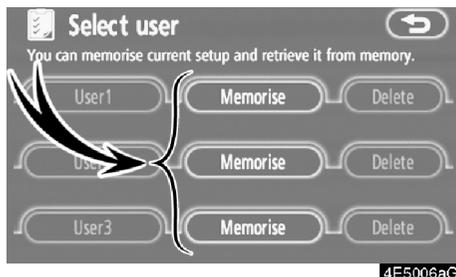
- Map direction
- Map scale
- Map configuration
- Guidance mode
- Setup
- Volume
- Language
- Route trace
- Travel time/arrival time
- Right screen of dual map
- Road preference
- Maintenance notification
- RDS-TMC

### 1. Push the “MENU” button.



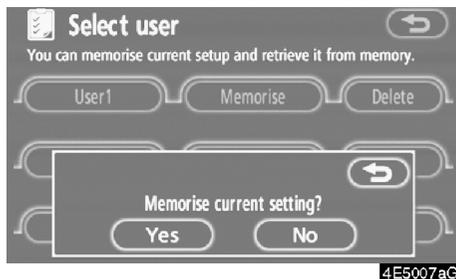
### 2. Touch “Select user”.

#### ● To register



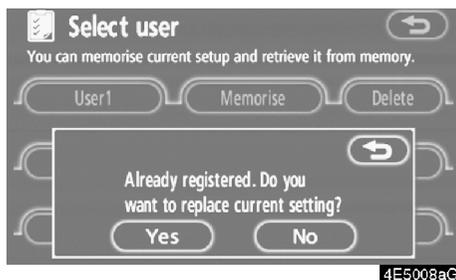
#### 1. Touch “Memorise”.

The confirmation screen will be displayed.



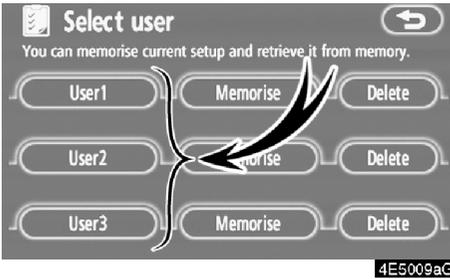
#### 2. To register, touch “Yes”. To return to the previous screen, touch “No” or .

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

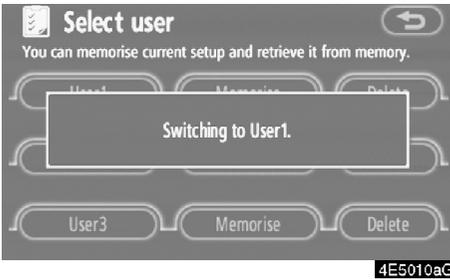


To replace, touch “Yes”. To cancel the replacement, touch “No” or .

● To change user

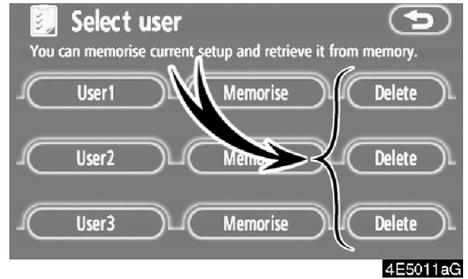


Touch "User number".



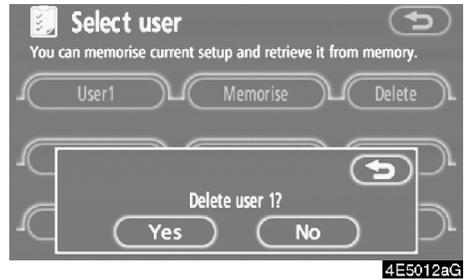
The above message appears, then the map screen will be displayed.

● To delete user



1. Touch "Delete".

The confirmation screen will be displayed.



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

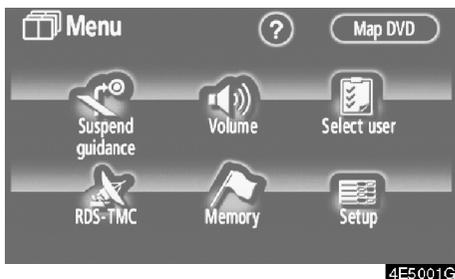
## Memory —

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 26 or “ — Destination search by Quick access” on page 26 and “ — Destination search by Memory” on page 38.)

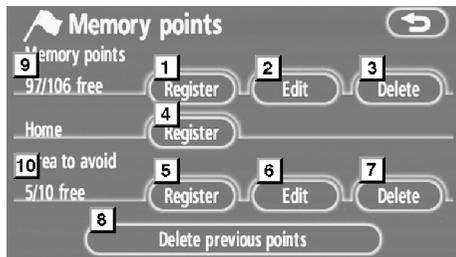
Registered areas are avoided at the time of route search.

### 1. Push the “MENU” button.



4E5001G

### 2. Touch “Memory”.

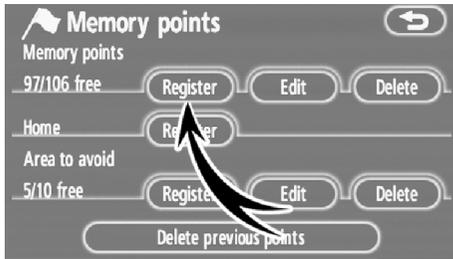


4E5013aG

On this screen, the following operations can be performed.

- 1 **Registers memory points**  
(See “ — Registering memory points” on page 73.)
- 2 **Edits memory points**  
(See “ — Editing memory points” on page 74.)
- 3 **Deletes memory points**  
(See “ — Deleting memory points” on page 78.)
- 4 **Registers or deletes home**  
(See “ — Registering home” on page 79 or “ — Deleting home” on page 79.)
- 5 **Registers areas to avoid**  
(See “ — Registering area to avoid” on page 80.)
- 6 **Edits areas to avoid**  
(See “ — Editing area to avoid” on page 81.)
- 7 **Deletes areas to avoid**  
(See “ — Deleting area to avoid” on page 83.)
- 8 **Deletes previous points**  
(See “ — Deleting previous points” on page 84.)
- 9 **Number of remaining memory points**
- 10 **Number of remaining areas to avoid**

## — Registering memory points



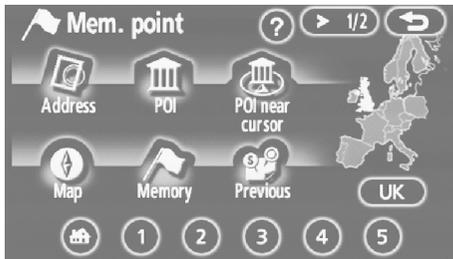
4E5014aG

To edit registered information, see “ — Editing memory points” on page 74.

### INFORMATION

*Up to 106 memory points can be registered.*

### 1. Touch “Register”.



4E5015aG

### 2. Enter the location in the same way as for a destination search. (See “Destination search” on page 24.)

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

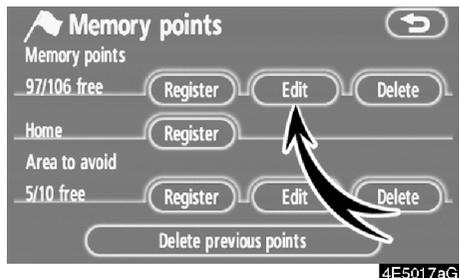


4E5016aG

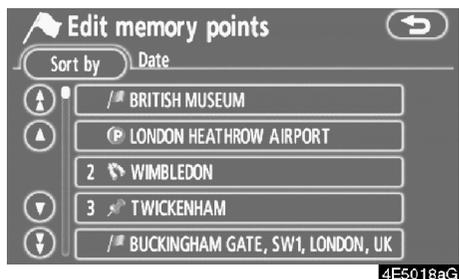
### 3. Touch “OK”.

## — Editing memory points

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



### 1. Touch “Edit”.



### 2. Touch the desired memory point button.



### 3. Touch the button to be edited.

“**Icon**”: To select icons to be displayed on the map. (See page 75.)

“**Quick access**”: To set an attribute. Memory points with a set attribute can be used as a “Quick access” or “Home” button. (See page 76.)

“**Name**”: To edit memory point names. The names can be displayed on the map. (See page 77.)

“**Location**”: To edit location information. (See page 77.)

“**Phone no.**”: To edit telephone numbers. (See page 78.)

### 4. 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.

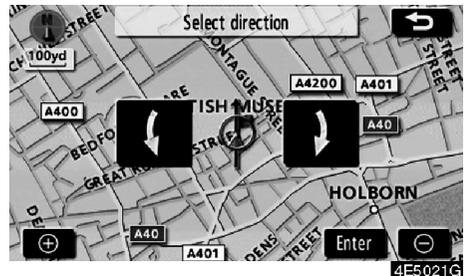
1. Touch “With sound” on the “Change icon” screen.



4E5020G

2. Touch the desired sound icon.

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



4E5021G

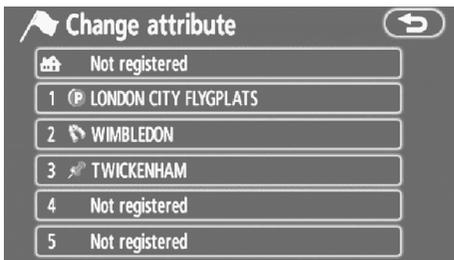
Touch either  or  to adjust the direction. Touch “Enter”.

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

- **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 26 and “— Destination search by Quick access” on page 26.)

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



4E5022G

2. Touch the desired attribute.

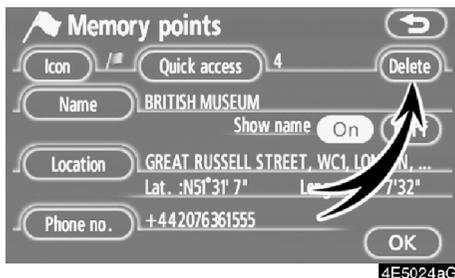
It is possible to replace a registered attribute.



4E5023G

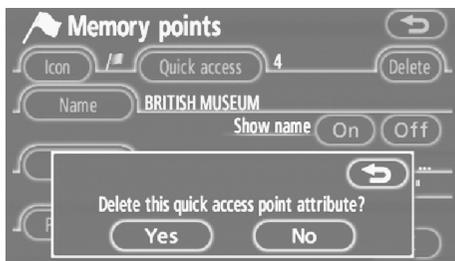
3. To replace the attribute, touch “Yes”. To return to the previous screen, touch “No” or .

### DELETING “Quick access”



4E5024aG

1. Touch “Delete”.



4E5025aG

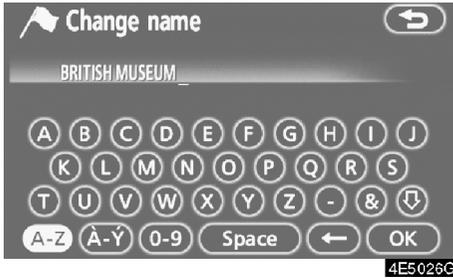
2. To delete an attribute, touch “Yes”. To return to the previous screen, touch “No” or .

## INFORMATION

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

- To change “Name”

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



2. Enter the name using the alphanumeric keys.

Up to 24 letters can be entered.

3. Touch “OK”.

The previous screen will be displayed.

#### DISPLAYING MEMORY POINT NAMES

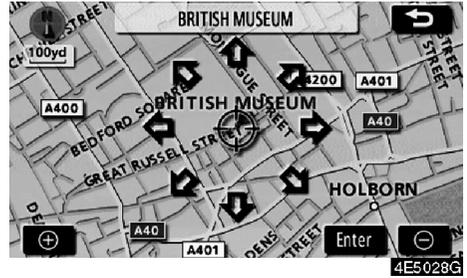
The name of a memory point that may be displayed on the map can be set.



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.



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 “Phone no.” (telephone number)

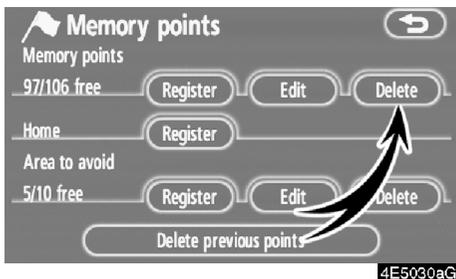
1. Touch “Phone no.” on the “Memory points” screen.



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

The previous screen will be displayed.

## — Deleting memory points



1. Touch “Delete”.



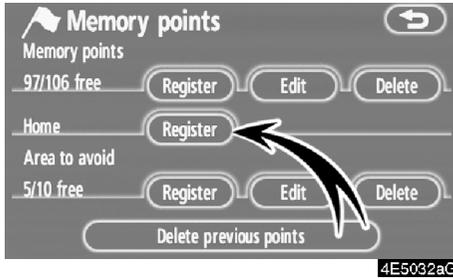
2. Touch the button to be deleted.

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

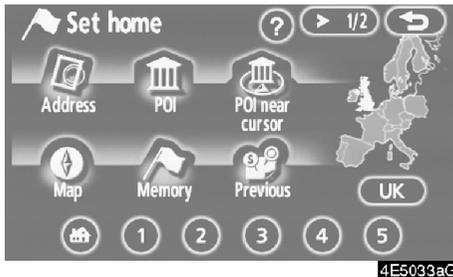
3. To delete the memory point, touch “Yes”. To cancel the deletion, touch “No”.

## — 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 26.)

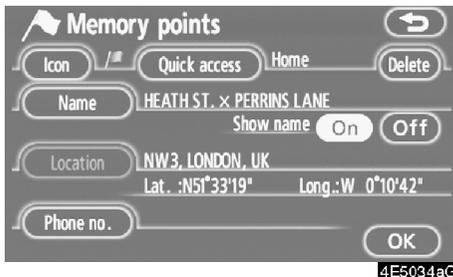


### 1. Touch “Register”.



### 2. Enter the location in the same way as for a destination search. (See “Destination search” on page 24.)

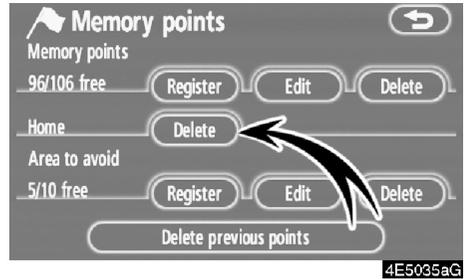
When registration of home is completed, the “Memory points” screen will be displayed.



### 3. Touch “OK”.

To edit registered information, see “ — Editing memory points” on page 74.

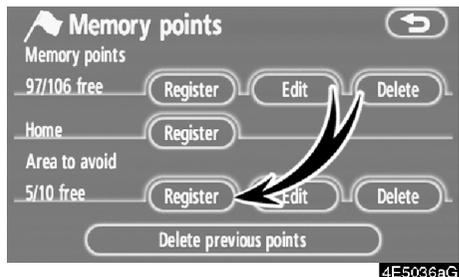
## — Deleting home



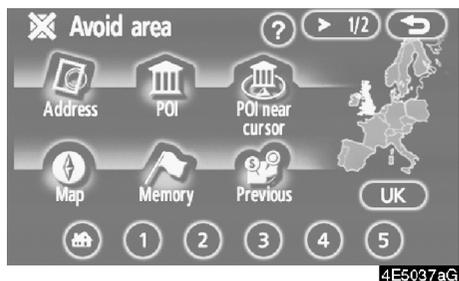
1. Touch “Delete”.
2. To delete home, touch “Yes”. To cancel the deletion, touch “No”.

## — Registering area to avoid

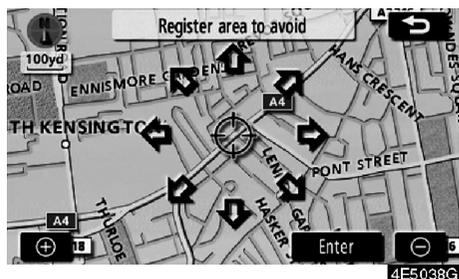
Areas you want to avoid because of traffic jams, construction work or other reasons can be registered as areas to avoid.



### 1. Touch “Register”.

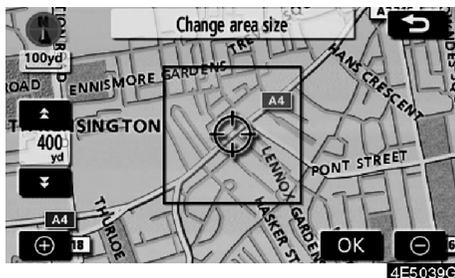


2. Enter the location in the same way as for a destination search, or display the map of the area to be avoided. (See “Destination search” on page 24.)



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

4. Touch “Enter”.



5. Touch either  or  to change the size of the area to be avoided.

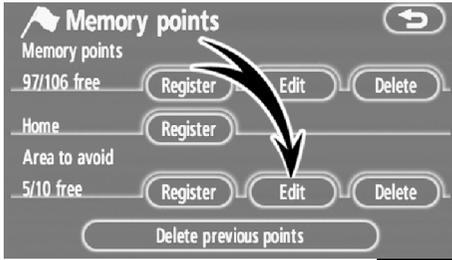
6. Touch “OK”.

### 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.



4E5040aG

### 1. Touch "Edit".



4E5041G

### 2. Touch the desired area button.



4E5042G

### 3. 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 82.)

**"Location"**: To edit area location. (See page 82.)

**"Area size"**: To edit area size. (See page 83.)

**"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.

### 4. Touch "OK".

- To change “Name”

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



2. Enter the name using alphanumeric keys.

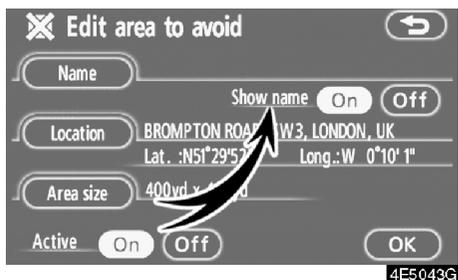
Up to 24 letters can be entered.

3. Touch “OK”.

The previous screen will be displayed.

### DISPLAYING NAMES OF AREAS TO BE AVOIDED

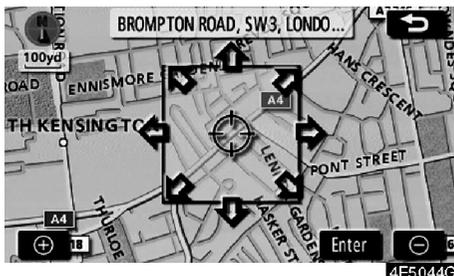
The name of an area to be avoided that may be displayed on the map can be set.



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.



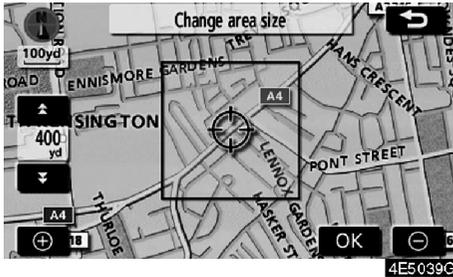
2. Touch the eight directional touch-screen button to move the cursor to the desired point on the map.

3. Touch “Enter”.

The previous screen will be displayed.

- To change “Area size”

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

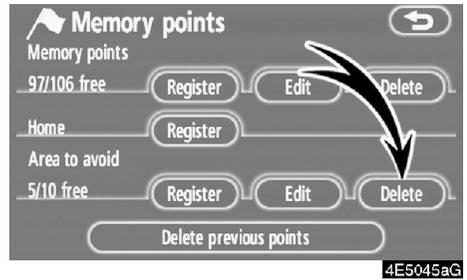


2. Touch either  or  to change the size of the area to be avoided.

3. Touch “OK”.

The previous screen will be displayed.

## — Deleting area to avoid



1. Touch “Delete”.



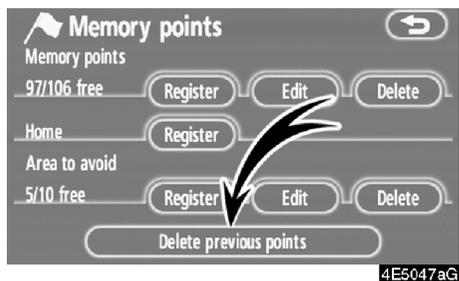
2. Touch the button to be deleted.

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

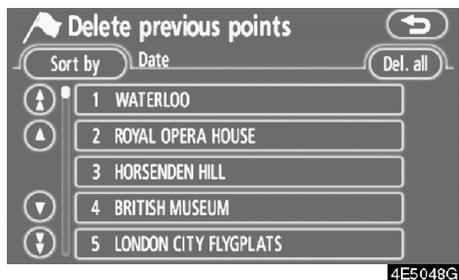
3. To delete the area, touch “Yes”. To cancel the deletion, touch “No”.

## — Deleting previous points

The previous destination can be deleted.



1. Touch “Delete previous points”.



2. Touch the button to be deleted.

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

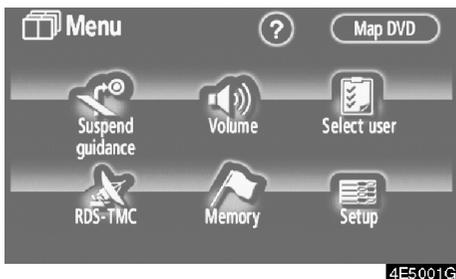


3. To delete the point, touch “Yes”. To cancel the deletion, touch “No”.

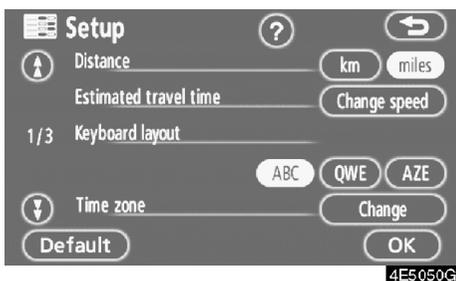
## Setup

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

1. Push the “MENU” button.



2. Touch “Setup”.



3. Touch the items to be set.

4. Touch “OK” on the screen.

The previous screen will be displayed.

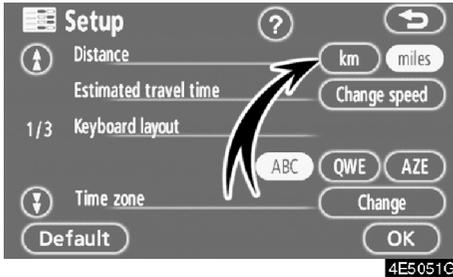
### INFORMATION

To reset all setup items, touch “Default”.

● **Distance unit**

Distance unit can be changed.

1. Touch **“Setup”** on the **“Menu”** screen.



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

The selected button is highlighted.

3. Touch **“OK”**.

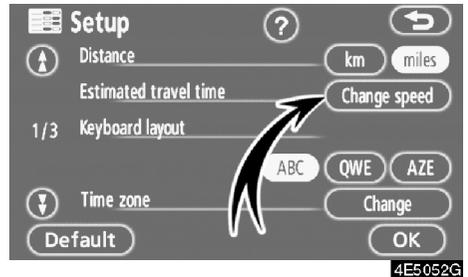
**INFORMATION**

*This function is available only in English. To switch language, see **“Selecting a language”** on page 116.*

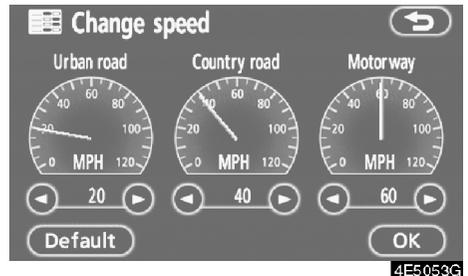
● **Estimated travel time**

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

1. Touch **“Setup”** on the **“Menu”** screen.



2. Touch **“Change speed”** of the **“Estimated travel time”**.



3. Touch **◀** or **▶** to set the average vehicle speeds for **“Urban road”**, **“Country road”**, and **“Motorway”**.

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

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

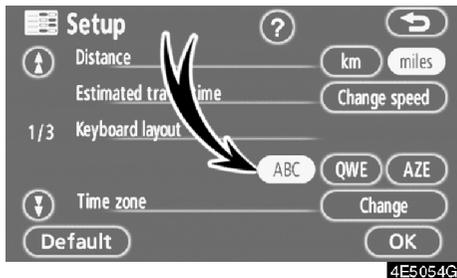
### INFORMATION

- *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. Touch “Setup” on the “Menu” screen.



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

**LAYOUT TYPE**



4E5055G

▶ **“ABC” type**



4E5056G

▶ **“QWE” type**



4E5057G

▶ **“AZE” type**

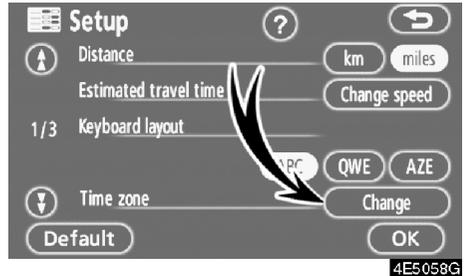
The selected button is highlighted.

**3. Touch “OK”.**

● **Time zone**

Time zone can be changed.

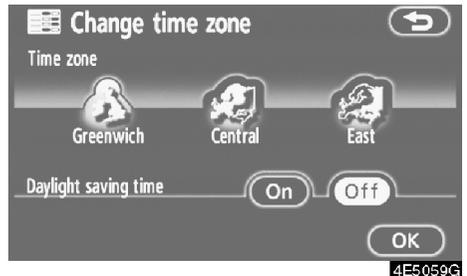
**1. Touch “Setup” on the “Menu” screen.**



4E5058G

**2. Touch “Change” of “Time zone”.**

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



4E5059G

**3. Touch the desired time zone.**

The selected button is highlighted.

**“Daylight saving time”:** Daylight saving time can be set or cancelled.

To set daylight saving time, touch **“On”**, and to cancel it, touch **“Off”**.

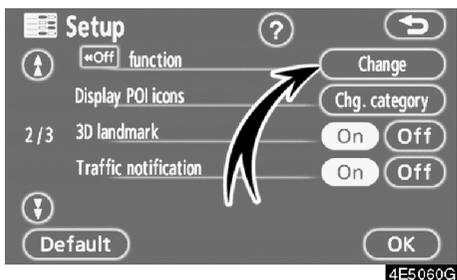
**4. Touch “OK”.**

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

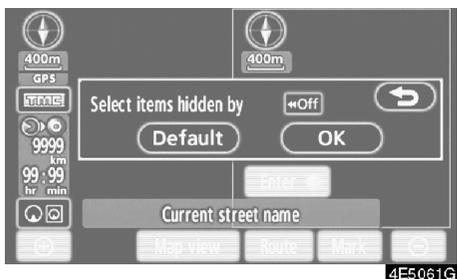
Each touch-screen button and current street name on the map screen can be displayed or hidden.

1. **Touch “Setup” on the “Menu” screen.**

Then touch  to display page 2 of the “Set-up” screen.



2. **Touch “Change” of “☐Off function”.**



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

To set the default, touch “Default”.

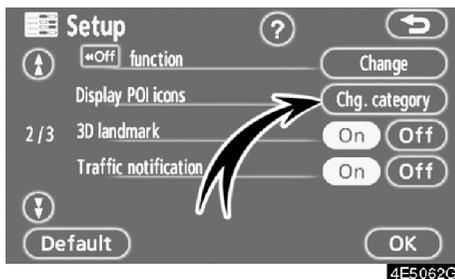
4. **Touch “OK”.**

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

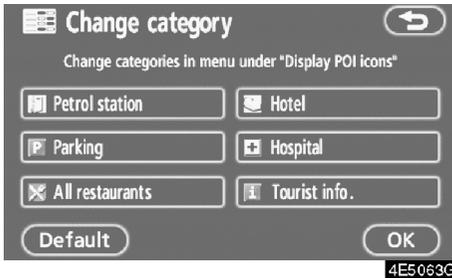
Select from among the 6 icons displayed on the “Display POI icons” top screen, so that setting of the icons to be displayed on the map screen can be done easily.

1. **Touch “Setup” on the “Menu” screen.**

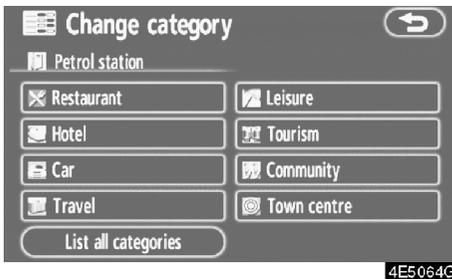
Then touch  to display page 2 of the “Set-up” screen.



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



3. Touch the category button to be changed.



4. Touch the category button to be displayed on the “Display POI icons” top screen.

5. Touch “OK”.

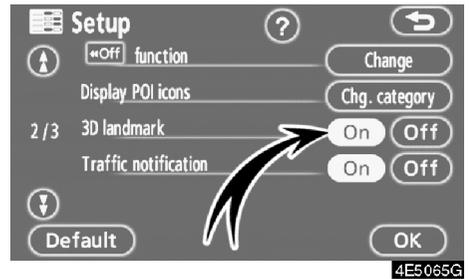
### ● 3D landmark

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. Touch “Setup” on the “Menu” screen.

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



2. Touch “On” of “3D landmark”.

The selected button is highlighted.

3. Touch “OK”.

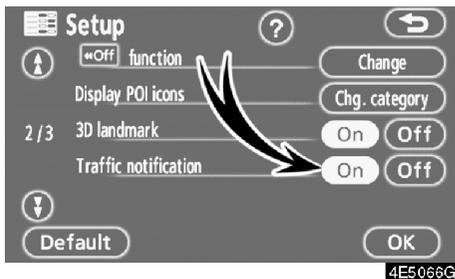
- **Traffic notification**

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. Touch **“Setup”** on the **“Menu”** screen.

Then touch  to display page 2 of the “Set-up” screen.



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

The selected button is highlighted.

3. Touch **“OK”**.

- **Voice guide in all modes**

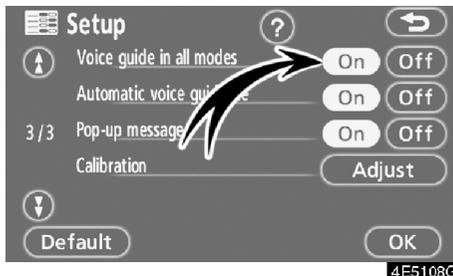
When the “Voice guide in all modes” feature is turned on, the voice guide in all modes can be heard.

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. Touch **“Setup”** on the **“Menu”** screen.

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



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

The selected button is highlighted.

3. Touch **“OK”**.

- **Auto voice guidance**

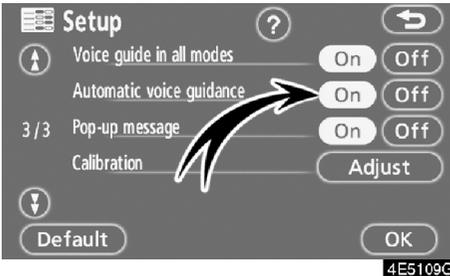
When the “Automatic voice guidance” feature is turned on, the voice guidance can be heard automatically.

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. Touch “**Setup**” on the “**Menu**” screen.

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



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

The selected button is highlighted.

3. Touch “**OK**”.

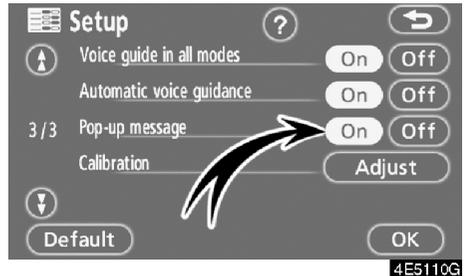
- **Pop-up message**

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

To turn the “Pop-up message” on:

1. Touch “**Setup**” on the “**Menu**” screen.

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

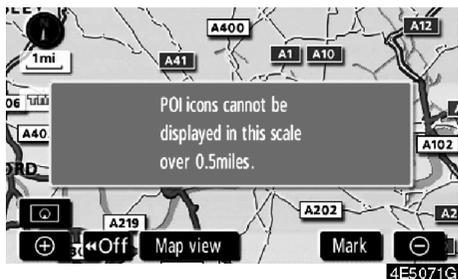


2. Touch “**On**” of “**Pop-up message**”.

The selected button is highlighted.

3. 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.



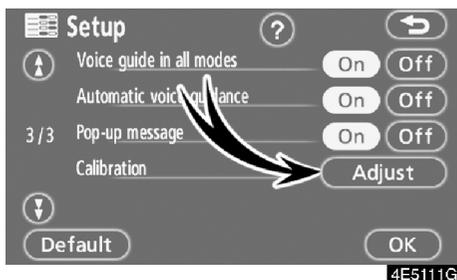
The message appears when the map is switched to the dual map screen mode.

### ● Current position/tyre change calibration

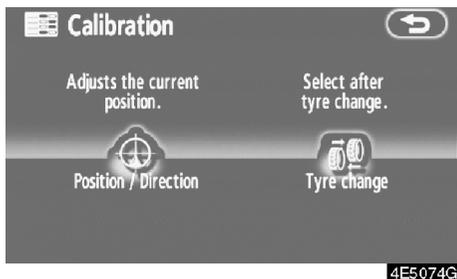
The current vehicle position mark can be adjusted manually. Miscalculation of the distance caused by tyre replacement can also be adjusted.

#### 1. Touch “Setup” on the “Menu” screen.

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



#### 2. Touch “Adjust” of “Calibration”.



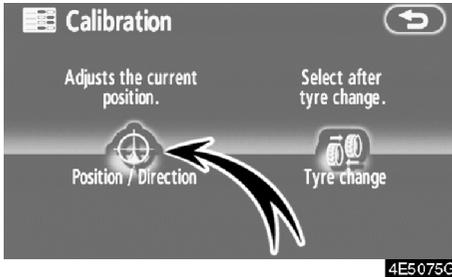
#### 3. Touch the desired button.

### INFORMATION

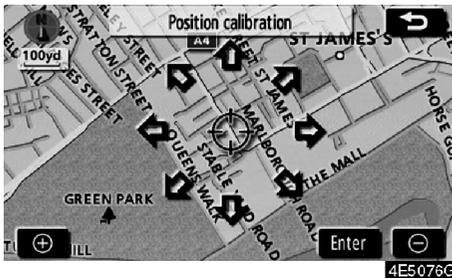
**For additional information on the accuracy of a current vehicle position, see “Limitations of the navigation system” on page 152.**

## 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.

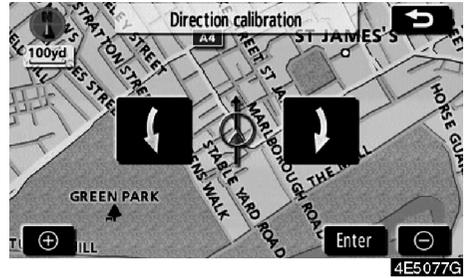


### 1. Touch "Position/Direction".



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

3. Touch "Enter".



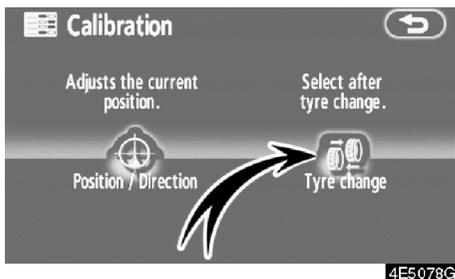
4. Touch either the  or  to adjust the direction of the current vehicle position mark.

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.



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

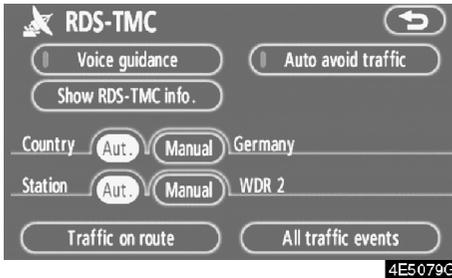
The message appears and the quick distance calibration is automatically started. A few seconds later, a map screen will be displayed.

### RDS-TMC (Radio Data System Traffic Message Channel)

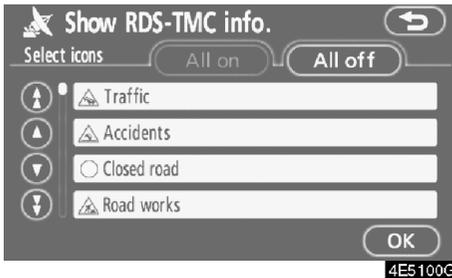
This system has a function by which you can receive the traffic information from the RDS-TMC station based on FM-multiple broadcasting. It assists the driver to avoid areas with traffic congestion. It also helps to improve traffic flow and road safety.

(a) Show RDS-TMC information

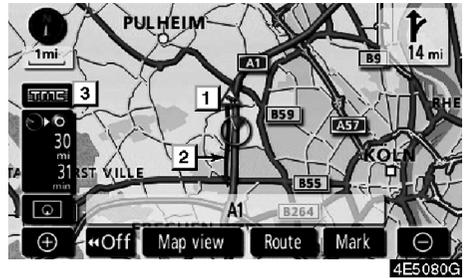
1. Push the “MENU” button to display the “Menu” screen and touch the “RDS-TMC”.



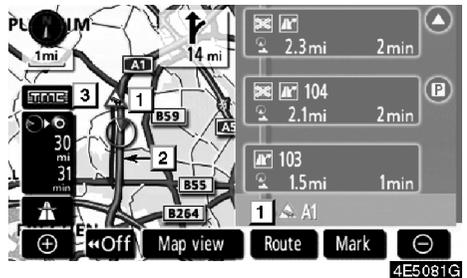
2. Touch “Show RDS-TMC info.”.



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



► On map screen



► 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.

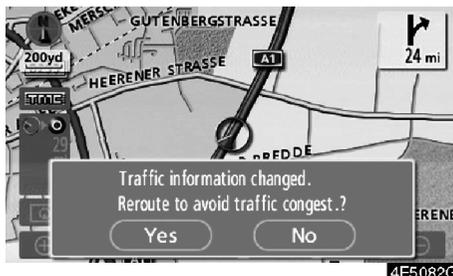
 : Receiving

 : Receiving regulatory information

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

### (b) Auto avoid traffic

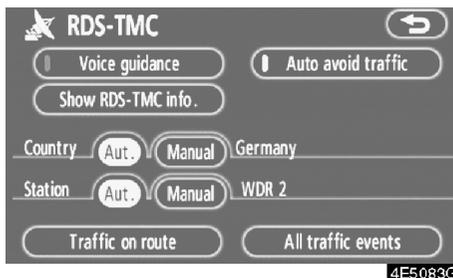
Using RDS-TMC information, the system automatically calculates a new route.



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”.

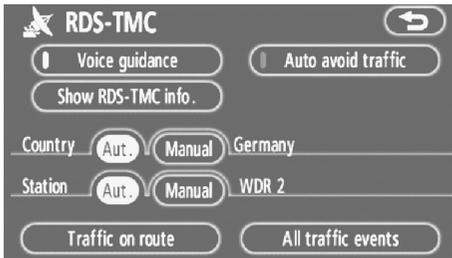


2. Touch “Auto avoid traffic”.

**(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”.

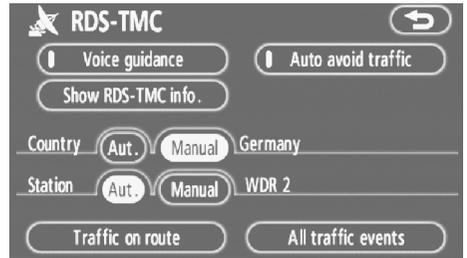


2. Touch “Voice guidance”.

**(d) Change area**

The system automatically changes the area according to the current vehicle position. It is also possible to manually select a country as a search area.

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



2. Touch “Manual” to display a map of Europe divided into specific areas.

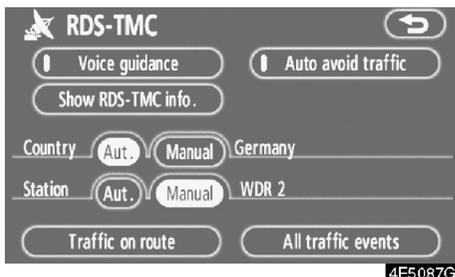


To select the search area, touch the corresponding country touch-screen button, and then “OK”. The screen returns to the previous screen to display the selected country.

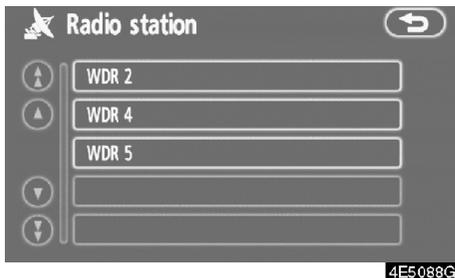
**(e) Select RDS-TMC station**

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”.



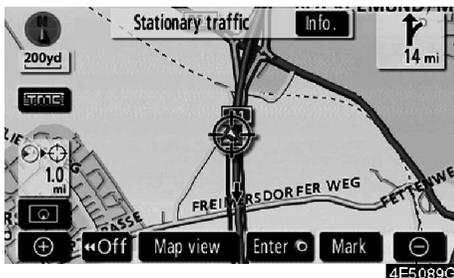
2. Touch “Manual” to display RDS-TMC “Radio station” screen.



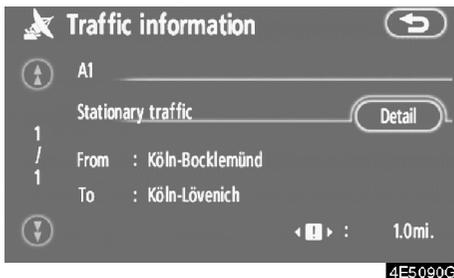
To select the station, touch the corresponding station touch-screen button. The screen returns to the previous screen to display the selected station.

**(f) RDS-TMC text information**

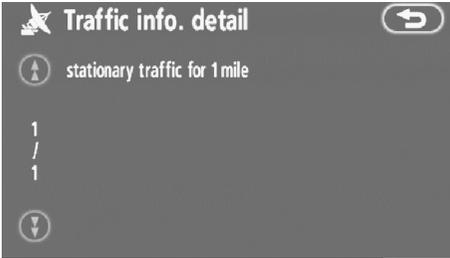
When you touch the RDS-TMC icon on the map, “RDS-TMC info.” bar appears on the top of the screen.



1. Touch “Info.” on the bar to display the “Traffic information” screen.



2. Touch “Detail” to display detailed traffic event information.



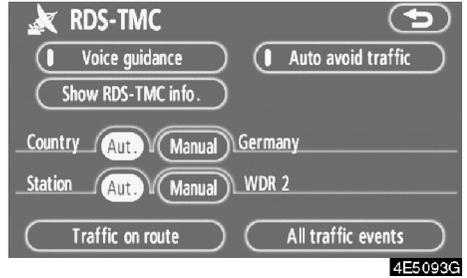
3. Touch "Map" to display the map around the traffic event.



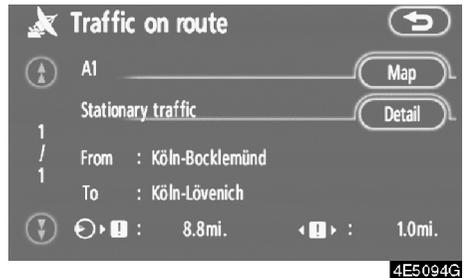
The types of the traffic event are displayed on the top of the screen.

(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.

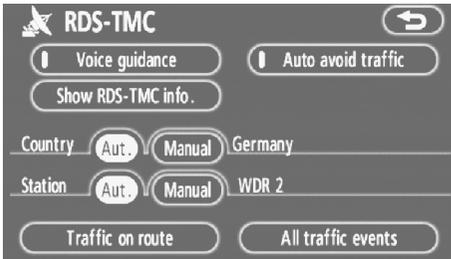


Guidance route traffic information is displayed on the screen.

Touch "Map" or "Detail". (See "(f) RDS-TMC text information" on page 98.)

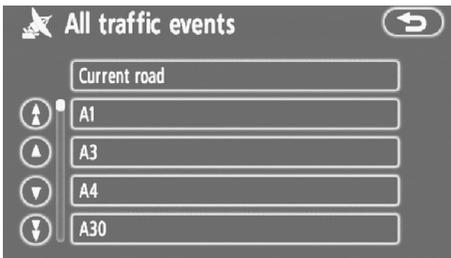
## (h) All traffic events

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



4E5095G

2. Touch “All traffic events” to display the “All traffic events” screen.



4E5096G

3. Touch the desired road name from the list.

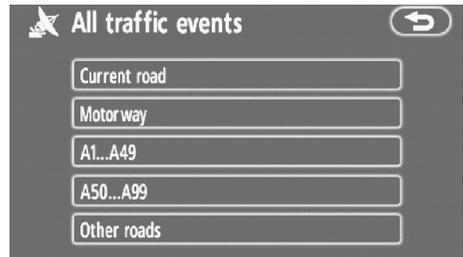
- When the system receives RDS-TMC info. from two or more countries, the screen below appears.



4E5097G

Touch the country name from the list.

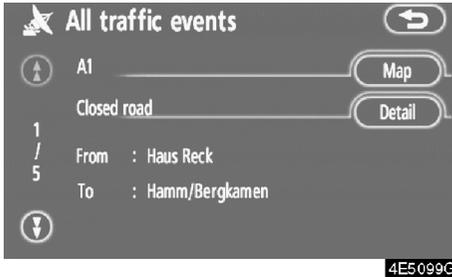
- When the system receives RDS-TMC information from U.K, the screen below appears.



4E5098G

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

4. 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 98.)



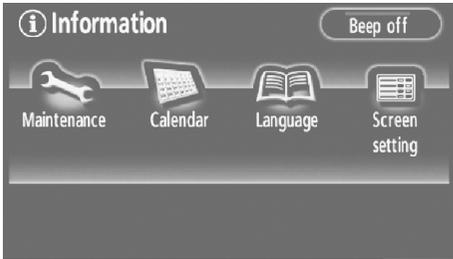
**SECTION V****OTHER FUNCTIONS**

- **Maintenance information** ..... 104
  - Maintenance information setting ..... 104
  - Dealer setting ..... 106
- **Calendar with memo** ..... 108
  - Adding a memo ..... 109
  - Editing a memo ..... 110
  - Memo list ..... 111
- **Screen adjustment** ..... 112
- **Screen setting** ..... 113
- **Beep setting** ..... 116
- **Selecting a language** ..... 116

## 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 3.)

### 1. Push the “INFO” button.



5E5160G

If “On” is selected, the system gives maintenance information with the “Information” screen and voice sound when the system is turned on. (See page 3.)

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.

### 2. Touch “Maintenance”.



5E5101G

### 3. Touch the desired button.

For details of each touch-screen button, see “INFORMATION ITEMS” on page 105.

“**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 106.)

## 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

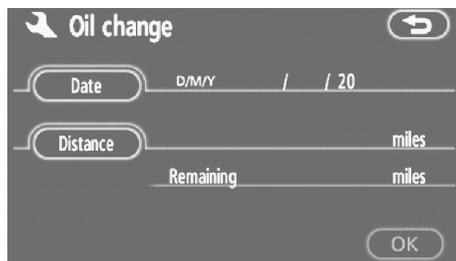
“BRAKE OIL”: Replace brake fluid

“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.



### 4. 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.

### 5. 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.**

## — Dealer setting

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

1. Touch “Set dealer” on the “Maintenance” screen.



2. 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 24.)

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



3. Touch the button to be edited.

“**Dealer**”: To enter the name of a dealer. (See page 107.)

“**Contact**”: To enter the name of a dealer member. (See page 107.)

“**Location**”: To set a location. (See page 107.)

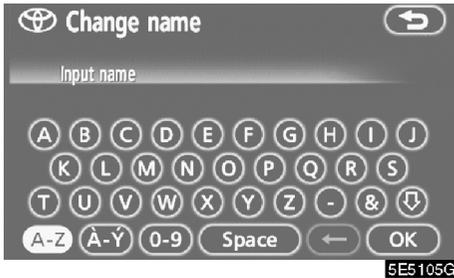
“**Phone no.**”: To set a telephone number. (See page 108.)

“**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 42.)

- To edit “Dealer” or “Contact”

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



2. Enter the name using the alphanumeric keys.

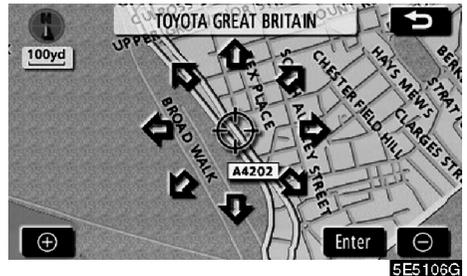
Up to 24 letters can be entered.

3. Touch “OK”.

The previous screen will be displayed.

- To edit “Location”

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



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 edit “Phone no.”

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



5E5107aG

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

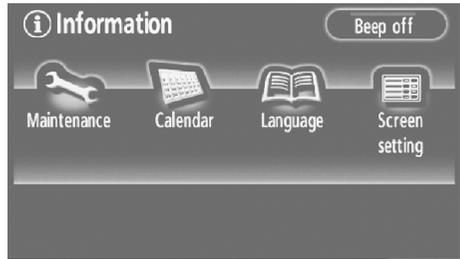
The previous screen will be displayed.

## 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 4.)

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

1. Push the “INFO” button.



5E5160G

2. Touch “Calendar”.



5E5103G

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

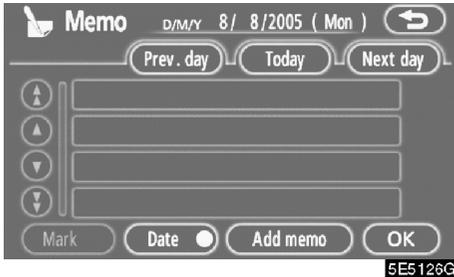
**▲M** or **▼M** : To change month.

**▲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 111.)

Touching a date button on the “Calendar” screen displays the “Memo” screen.



Memos can be edited by touching the list button. (See “ — Editing a memo” on page 110.)

“**Add memo**”: To add a memo. (See “ — Adding a memo” on page 109.)

“**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.

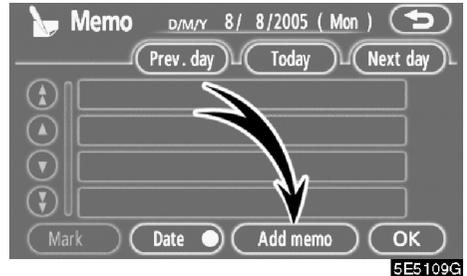
“**Today**”: To go to the “Memo” screen for the current day.

“**Next day**”: To go to the “Memo” screen of the next date.

## — Adding a memo

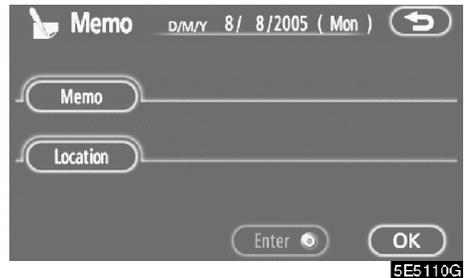
If a memo is added, the system informs of the memo entry when the system is started on the memo date. (See page 4.)

**1. Touch the date you want to add a memo on the “Calendar” screen.**

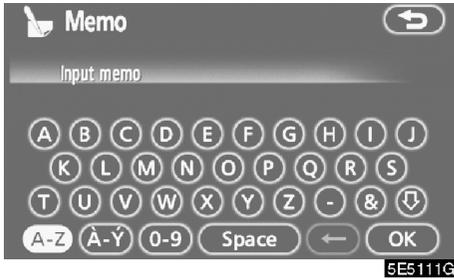


**2. Touch “Add memo”.**

Up to 100 memos can be added.



**3. Touch “Memo”.**



5E5111G

#### 4. 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

#### 5. 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 24.)

## — Editing a memo

The registered memo can be edited.

#### 1. Touch the day you want to edit a memo on the “Calendar” screen.



5E5113aG

#### 2. Touch the memo to be edited.



5E5114G

#### 3. Touch the item to be edited.

“Memo”: To edit a memo. (See “— Adding a memo” on page 109.)

“Location”: To change a registered location. (See “— Adding a memo” on page 109.)

“Enter 

“Delete”: To delete the memo.

## — Memo list

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

1. Touch “List” on the “Calendar” screen.



2. Touch the desired search condition to list the memos.

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

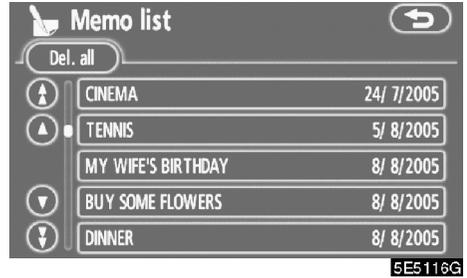
“**This month**”: To display the list of memos for the current month.

“**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 112.)



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

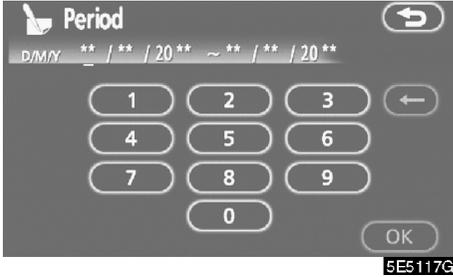
“**Del. all**”: To delete all the displayed memos.

A message will be displayed.

4. 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.



2. Enter the period using the numeral keys.

The period from January 1, 2005 through December 31, 2024 can be set for searching.

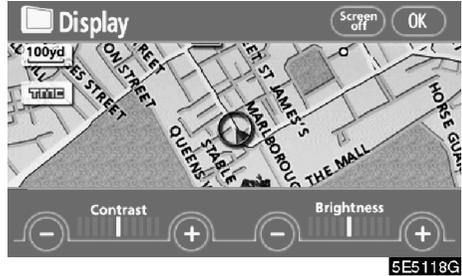
3. After setting the period, touch “OK”.

The “Memo list” screen will be displayed.

## Screen adjustment

The brightness or contrast of the screen can be adjusted depending on the brightness of your surroundings. You can also turn the display off.

To display the “Display” screen, push the “DISPLAY” button.



### Contrast and brightness adjustment

“Contrast” “+”: Strengthens the contrast of the screen.

“Contrast” “-”: Weakens the contrast of the screen.

“Brightness” “+”: Brightens the screen.

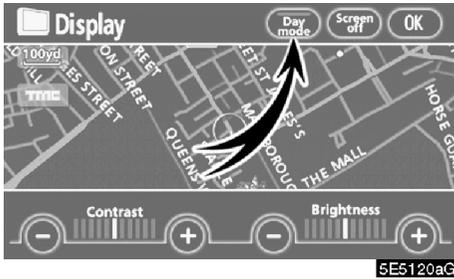
“Brightness” “-”: Darkens the screen.

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 “INFO”, 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.*



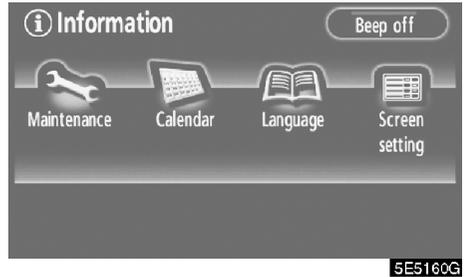
Depending on the position of the headlight switch, the screen changes to the day mode or night mode.

To display the screen in the day mode even with the headlight switch on, touch **“Day mode”** on the adjustment screen for brightness and contrast 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.

## Screen setting

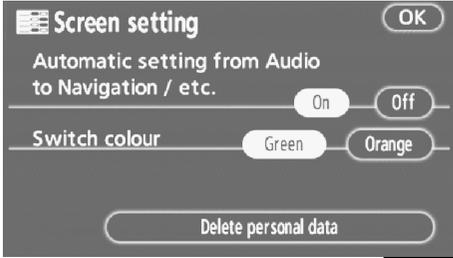
1. Push the “INFO” button to display the “Information” screen.



2. Touch “Screen setting”.

**(a) Automatic transition**

You can select a function that enables automatic return to the navigation screen from the audio screen.



5E5122G

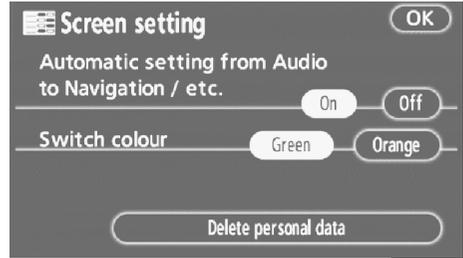
Select “On” or “Off” and then touch “OK”.

“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.



5E5122G

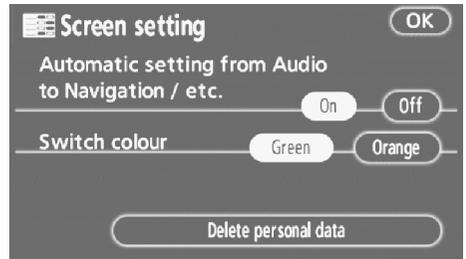
Select “Green” or “Orange” and then touch “OK”.

### (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**

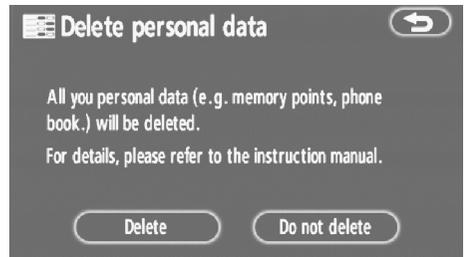
This function is available only when the vehicle is not moving.



SE5122G

#### 1. Touch “Delete personal data”.

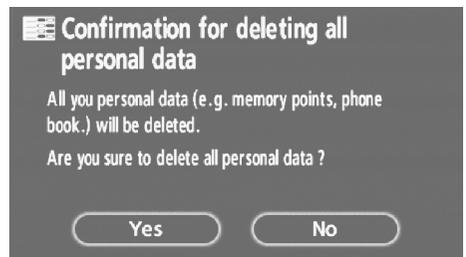
The “Delete personal data” screen appears.



SE5123G

#### 2. Touch “Delete”.

The “Confirmation for deleting all personal data” screen appears.



SE5124G

#### 3. Touch “Yes”.

## Beep setting

You can set a beep sound off.

### 1. Push the “INFO” button.



### 2. Touch “Beep off”.

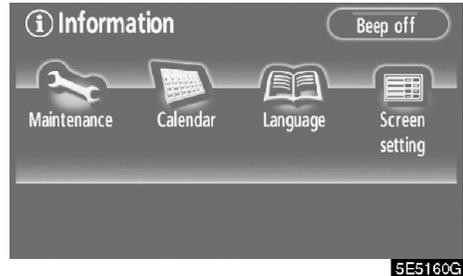
“Beep off” is highlighted.

To switch the beep sound on, touch “Beep off” again.

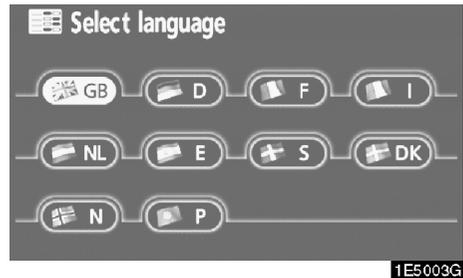
## Selecting a language

The language of the touch-screen buttons, pop-up messages and the voice guidance can be changed.

### 1. Push the “INFO” button.



### 2. Touch “Language”.



On this screen, you can select the language shown on the screen.

### 3. Touch the desired button on the screen.

“GB”: English

“D”: German

“F”: French

“I”: Italian

“NL”: Dutch

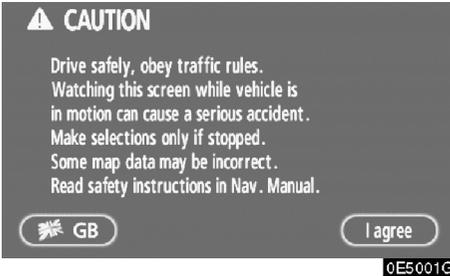
“E”: Spanish

“S”: Swedish

“DK”: Danish

“N”: Norwegian

“P”: Portuguese



**4. Touch “ I agree” on the “CAUTION” screen.**

If a screen other than for the navigation system is displayed, the current screen would change to the “CAUTION” screen by pushing the “**MAP/VOICE**”, “**DEST**” or “**MENU**” button.

When you touch the language button on the “CAUTION” screen, the “Select language” screen returns.

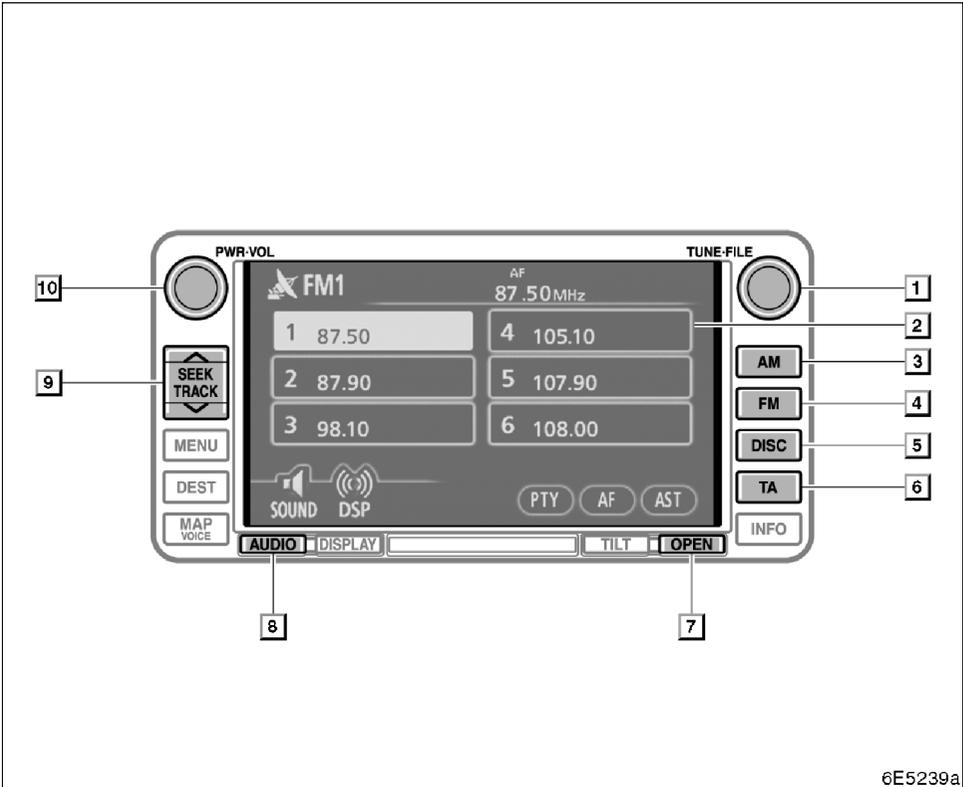


# SECTION VI

## AUDIO SYSTEM

- Quick reference ..... 120
- **Using your audio system** ..... 121
  - Some basics ..... 121
  - Radio operation ..... 126
  - CD player operation ..... 130
- Audio remote controls ..... 142
- Audio system operating hints ..... 143

## Quick reference



6E5239a

- 1 "TUNE-FILE" knob**  
Turn this knob to move up or down the station band or file. For details, see pages 126 and 138.
- 2 Function button display screen**  
Touch the buttons displayed on the screen to control the radio or CD player. For details, see page 123.
- 3 "AM" button**  
Push this button to choose an MW or an LW station. For details, see pages 122 and 126.
- 4 "FM" button**  
Push this button to choose an FM station. For details, see pages 122 and 126.
- 5 "DISC" button**  
Push this button to turn the CD player on. For details, see pages 122 and 133.
- 6 "TA" button**  
Push this button to seek a station that broadcasts traffic information regularly. For details, see page 127.
- 7 "OPEN" button**  
Push this button to insert or eject a disc. For details, see pages 130 and 156.
- 8 "AUDIO" button**  
Push this button to display the audio control screen. For details, see page 122.

**9 “SEEK/TRACK” button**

Push the “^” or “v” button to seek up or down for a station, or to access a desired program, track or file. For details, see pages 127, 134 and 137.

**10 “PWR·VOL” knob**

Push this knob to turn the audio system on and off, and turn it to adjust the volume. For details, see page 122.

## Using your audio system — — Some basics

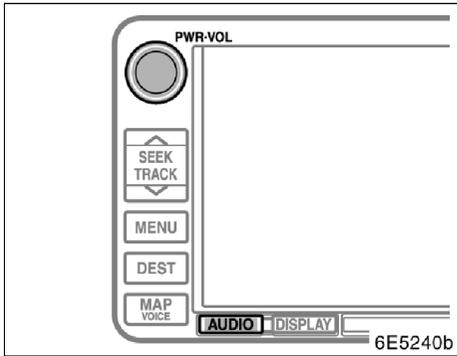
This section describes some of the basic features on Toyota audio systems. Some information may not pertain to your system.

Your audio system works when the ignition switch is set at ACC or ON.

***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

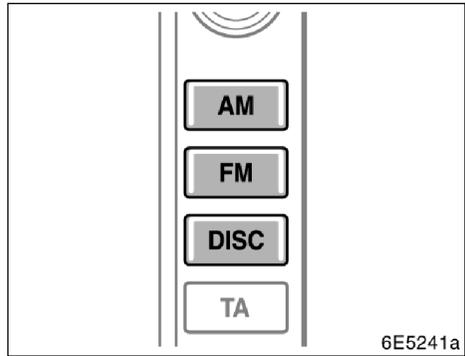


**“PWR·VOL”**: Push this knob to turn the audio system on and off. Turn this knob to adjust the volume. The system turns on in the last mode used.

**“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 114 for details.

- Switching between functions

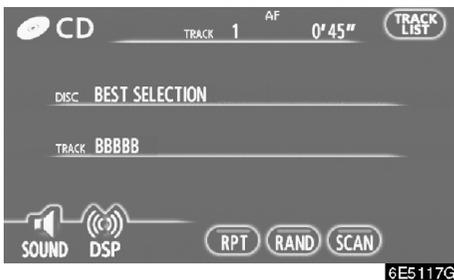
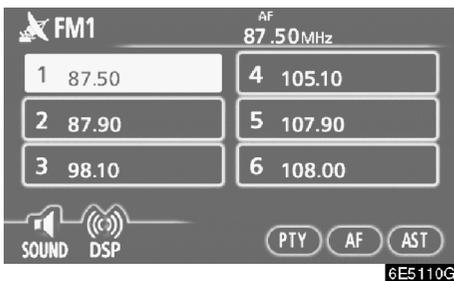
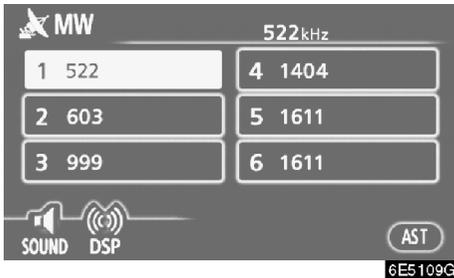


**Push “AM”, “FM” or “DISC” button to turn on the desired mode. The selected mode turns on immediately.**

Push these buttons if you want to switch from one mode to another.

If the disc is not set, the “CD” does not display.

If the audio system was previously off, then the entire audio system will be turned off when you eject the disc. If another function was previously playing, it will come on again.



## 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.*

The buttons for radio and CD player operation are displayed on the function button display screen when the audio control mode is selected.

**Touch them lightly and directly on the screen.**

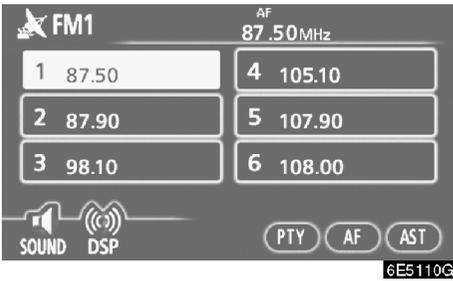
The selected button is highlighted.

### ● Tone and balance

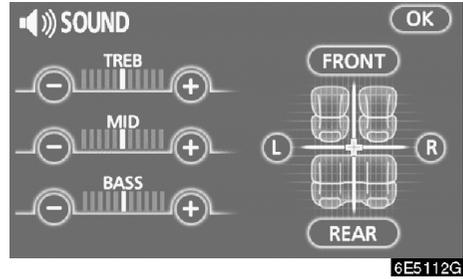
How good an audio program sounds to you is largely determined by the mix of the treble, midrange, and bass levels. In fact, different kinds of music and vocal programs usually sound better with different levels of treble, midrange, and bass.

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. Touching “SOUND” displays the sound adjustment screen.



2. 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.

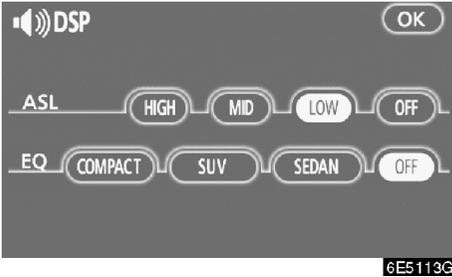
“L” or “R”: Adjusts sound balance between the left and right speakers.

3. Touch “OK”.

The tone of each mode (for such as AM, FM1 and CD player) can be adjusted.

- **DSP control**

To display the DSP control mode screen, touch “**DSP**” on the audio control mode screen.



**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.

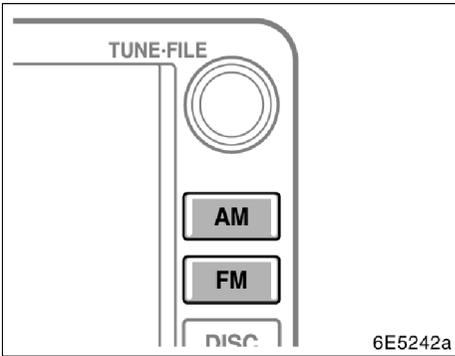
**NOTICE**

***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.

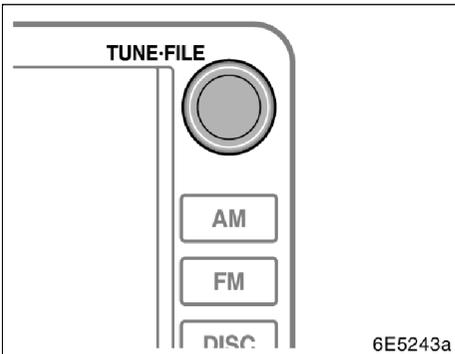
## — Radio operation

### ● Listening to the radio



Push these buttons to choose either an AM or FM station.

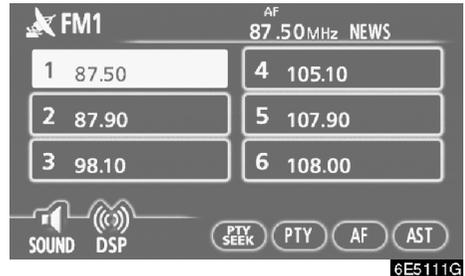
“MW”, “LW”, “FM1”, “FM2” or “FM3” appears on the screen.



Turn the knob clockwise to step up the station band or counterclockwise to step down.

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.

**Seek tuning:** Push the “^” or “v” button of “SEEK/TRACK”. 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.

- **Automatically preset**

#### **AST (Autostore)**

This button is used to automatically preset frequencies of up to 6 radio stations for each band. (FM3, LW and MW). Touch “AST” until a beep is heard. To cancel it, touch the button again.

If you use “AST” in the FM mode (FM1, FM2, FM3), it will be automatically stored in FM3. For example, even if you autostore in FM1, the mode will change to FM3.

If the radio cannot seek out any stations, it will receive the frequency before you operated “AST”.

- **RDS (Radio Data System)**

#### **AF (Alternative Frequency) function:**

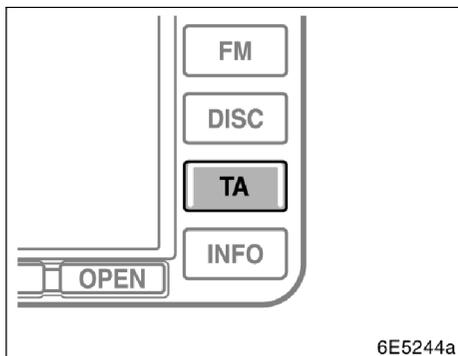
A station providing good reception is automatically selected if current reception worsens.

#### **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:**

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 **“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 **“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 pushed 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.

### PTY (Program Type)

The frequency and program type appear on the screen during receiving from the RDS station. The frequency alone appears during receiving from other stations.

When you touch **“PTY”** with the program type shown on the screen, the letters of the program type turns green. When you touch **“PTY”** again, the program type changes to **“NEWS”**, **“SPORTS”**, **“TALK”**, **“POP”** and **“CLASSICS”** in this order. When you touch **“PTY SEEK”**, the radio seeks an RDS station for the relevant program type. On reception of the program, you can listen to the broadcasting program. If the radio cannot receive any RDS station, **“NOTHING”** and then the

program type currently being received appear on the screen.

### “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 pressing the “TA” button again.

## — CD player operation

The CD player can play audio CDs, CD text, WMA discs, MP3 discs.

- Audio CD, CD text ..... 133
- MP3/WMA disc ..... 136

For appropriate discs for this paper, see “Audio system operating hints” on page 143.

### CAUTION

**Certification for the CD player:**

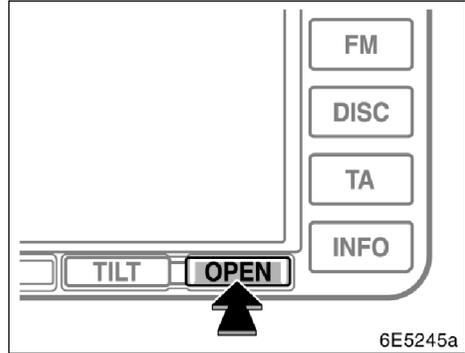
**This product is a class I laser product.**

- 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.

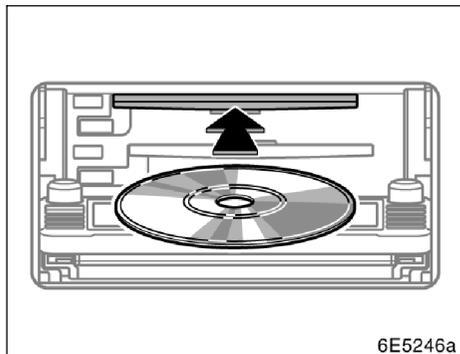
### (a) Inserting or ejecting disc

The ignition switch must be set at ACC or ON.

#### ● Setting a disc:



1. Push the “OPEN” button briefly. The display opens.



**2. Insert a disc.**

**3. Push the “OPEN” button to close the display.**

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.

If you do not insert the disc within 15 seconds after pushing the “OPEN” button, the beep will sound and the operation will be canceled automatically.



**CAUTION**

- Do not place anything on the opened display, as such items may be thrown about and possibly injure people in the vehicle during sudden braking or in an accident.
- To reduce the chance of injury in case of an accident or sudden stop while driving, keep the display closed.
- Take care not to jam your hand while the display is moving. Otherwise, you could be injured.

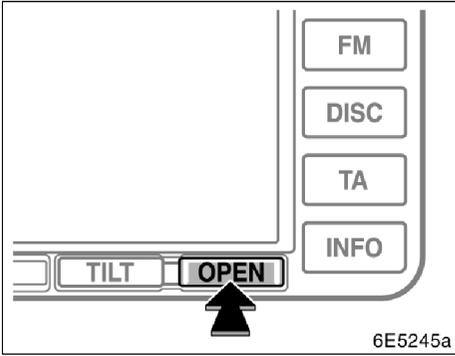
**NOTICE**

*Do not obstruct the display while it is moving. It could damage your audio system.*

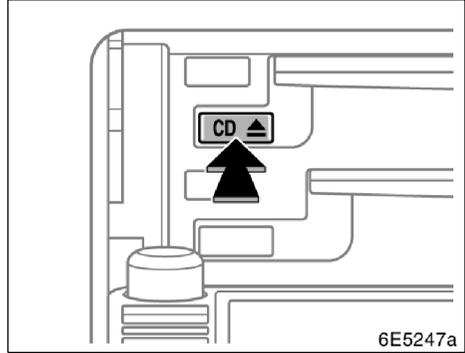
**INFORMATION**

*Under extremely cold conditions, the display may react slowly or operation sound may become louder.*

- Ejecting a disc:



**1. Push the “OPEN” button briefly. The display opens.**

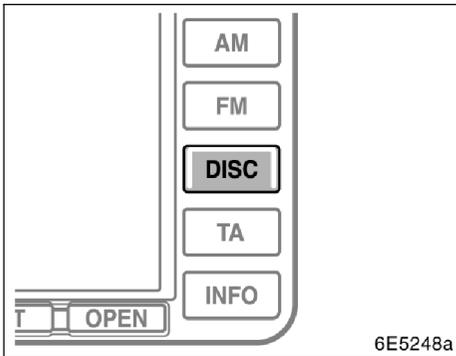


**2. Push the “CD ▲” button for the disc briefly.**

At this time, the orange indicators of the slot start blinking and the disc is ejected.

**3. After the blinking indicators stay on, remove the disc.**

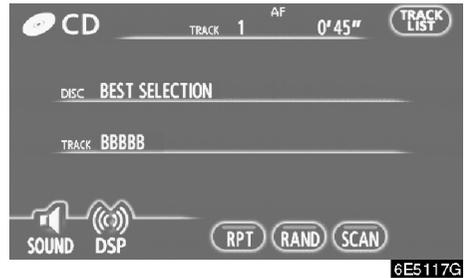
If you do not remove the disc within 15 seconds after it is ejected, the beep will sound and the operation will be canceled automatically.

**(b) Playing a disc**

Push the **“DISC”** button if the disc are already loaded in the CD player.  
The **“CD”** screen will be displayed.

**(c) Operating an audio CD**

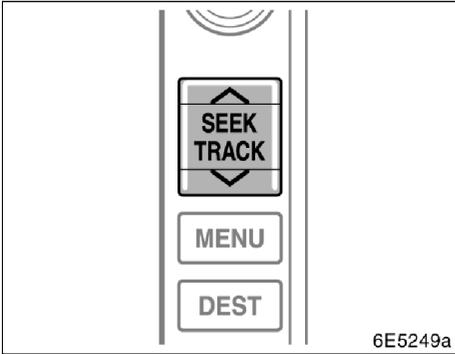
- **Playing an audio CD**



**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 **“DISC”** button.

- **Selecting a desired track**



### SELECTING A DESIRED TRACK

**“SEEK/TRACK” button:** Use for direct access to a desired track.

Push the “^” or “v” button of **“SEEK/TRACK”** and repeat 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. This function is available only when the vehicle is not moving.

Touch **“TRACK LIST”**. The track list is displayed.

Touch the desired track number. The CD player will start playing the selected track from the beginning.

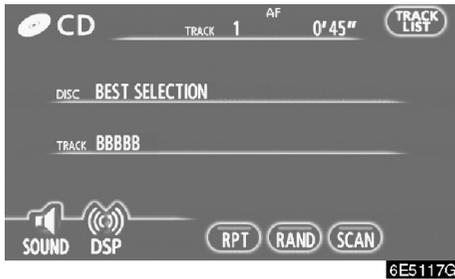
: By touching this button, the list moves up by 6 track groups. If this button is touched when the top page of the list is displayed, the last page is displayed.

: 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 “^” button of **“SEEK/TRACK”** 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 “v” button of **“SEEK/TRACK”** and hold it to reverse the disc. When you release the button, the CD player will resume playing.

- **Searching for a desired track**

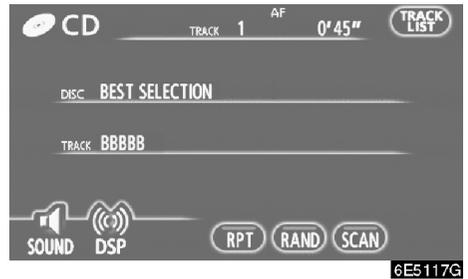


**While the disc is playing, touch “SCAN” briefly.**

“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**



**“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.

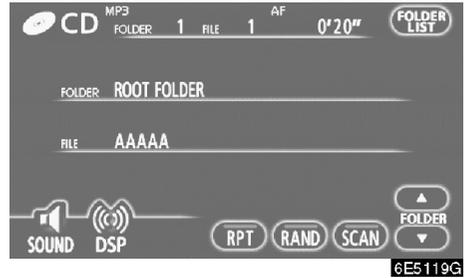
**While the disc is playing, touch “RAND” briefly.**

“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.

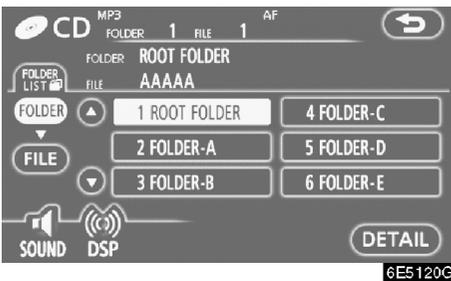
- **Selecting a desired folder**

“**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. This function is available only when the vehicle is not moving.

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.

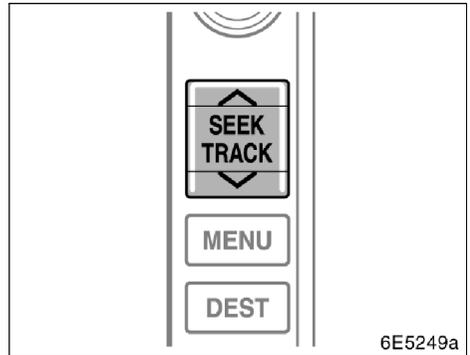
▲ : By touching this button, the list moves up by 6 folder groups. If this button is touched when the top page of the list is displayed, the last page is displayed.

▼ : 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. This function is available only when the vehicle is not moving.

- **Selecting a desired file**

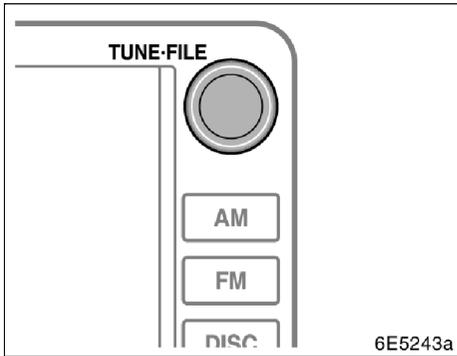


“**SEEK/TRACK**” **button**: Use for direct access to a desired file.

Push the “**▲**” or “**▼**” button of “**SEEK/TRACK**” 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.

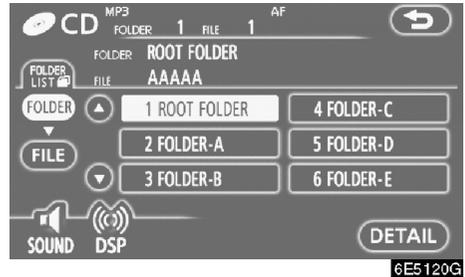
**Fast forward**: Push the “**▲**” button of “**SEEK/TRACK**” and hold it to fast forward the disc. When you release the button, the CD player will resume playing from that position.

**Reverse**: Push the “**▼**” button of “**SEEK/TRACK**” and hold it to reverse the disc. When you release the button, the CD player will resume playing.



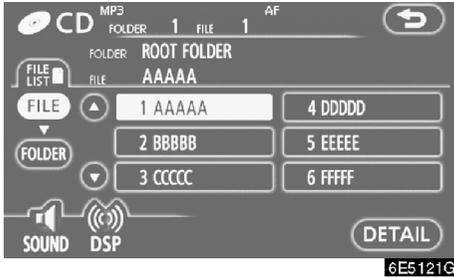
“**TUNE-FILE**” knob: Use for direct access to a desired file in the disc.

Turn the “**TUNE-FILE**” knob to step up or down all the files in the disc you are currently listening to. The file number appears on the display. When “**RAND**” or “**FLD-RPT**” is on, all the files in the folder you are currently listening to can be stepped up or down.



“**FILE**”: The desired file can be selected in a list. This function is available only when the vehicle is not moving.

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.

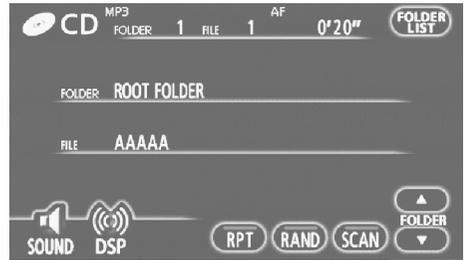
**▲**: By touching this button, the list moves up by 6 file groups. If this button is touched when the top page of the list is displayed, the last page is displayed.

**▼**: 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. This function is available only when the vehicle is not moving.

## ● Searching for a desired file



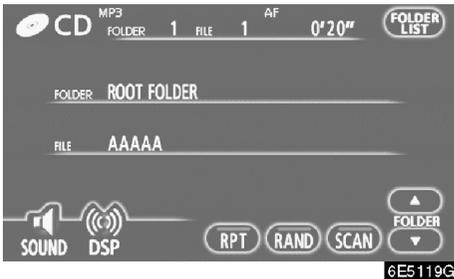
6E5119G

**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

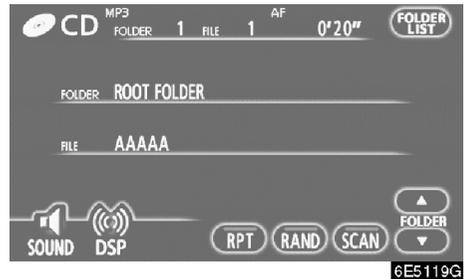


While the disc is playing, touch **“SCAN”** and hold it until the **“FLD·SCAN”** appears on the screen.

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 143.

**If “CD error” appears on the display:** The following causes are possible.

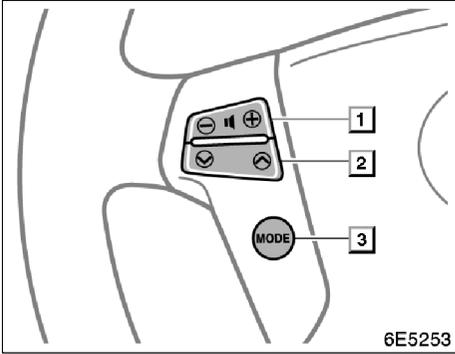
- There is a trouble inside the system. Eject the disc.
- It indicates that the inside of the player unit may be too hot due to the very high ambient temperature. Remove the disc from the player allow the player to cool down.

**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.

## Audio remote controls — — Steering switches



Some parts of the audio system can be adjusted with the switches on the steering wheel.

Details of the specific switches, controls, and features are described below.

- 1** Volume control switches
- 2** “^” “v” 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** “^” “v” switches

#### **Radio**

To select a preset station:

Quickly push and release the “^” or “v” switch. Do this again to select the next preset station.

To seek a station:

Push and hold the “^” or “v” switch until you hear a beep. Do this again to find the next station. If you push either the “^” or “v” switch in seek mode, the seek mode will cancel.

#### **CD 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 “v” 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 “v” switch once, quickly.

### **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, lightning, 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.

- When naming an MP3 or WMA file, add the appropriate file extension (.mp3 or .wma).
- The MP3/WMA player plays back files with .mp3 or .wma file extensions as MP3 or WMA files. To prevent noise and playback errors, use the appropriate file extensions.
- The 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 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 recorded with a bit rate of at least 128 kbps are recommended.

### Playable bit rates

MP3 files:

MPEG1 LAYER3—64 to 320 kbps

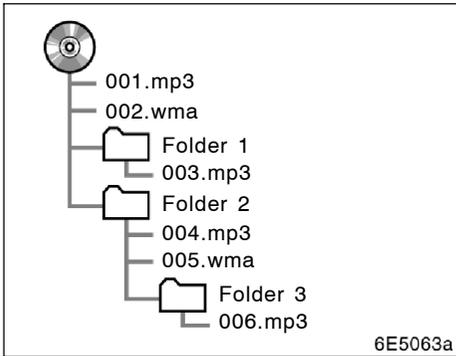
MPEG2 LSF LAYER3—64 to 160 kbps

WMA files:

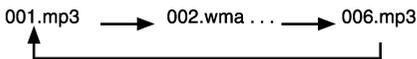
Ver. 7, 8 CBR—48 to 192 kbps

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 with no more than two levels of folders.
- It is possible to play up to 192 folders or 255 files on one disc.



- The play order of the compact disc with the structure shown on the left is as follows:



### 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

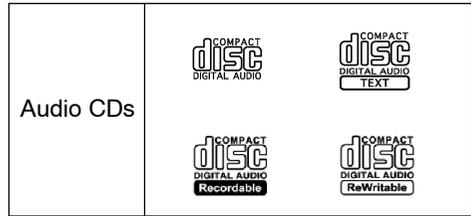
- Your CD player is intended for use with 12 cm (4.7 in.) discs only.
- Extremely high temperature can keep your CD player from working. On hot days, use air conditioning to cool the vehicle interior before you listen to a disc.
- Bumpy roads or other vibrations may make your CD player skip.
- If moisture 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

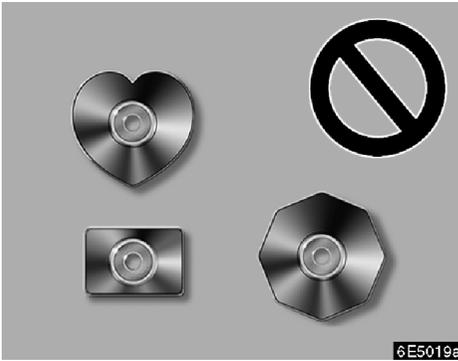


- Use only discs marked as shown above. The following products may not be playable on your CD player.

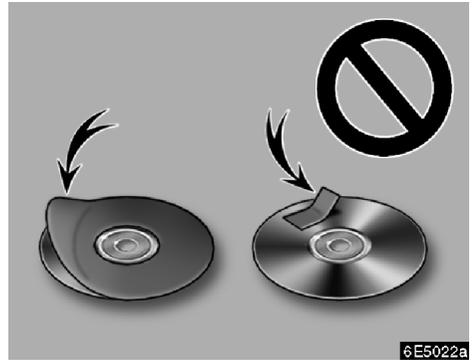
SACDs

dts CDs

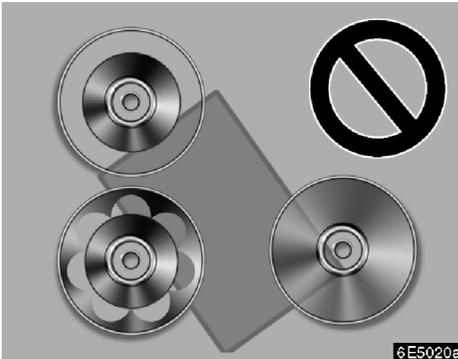
Copy-protected CDs



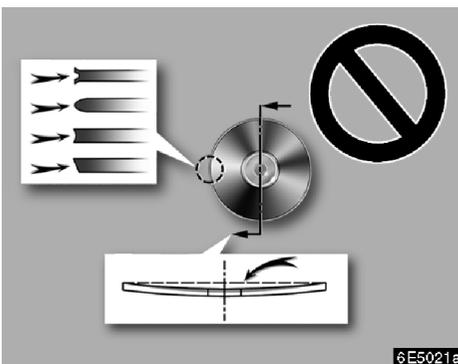
► Special shaped discs



► Labeled discs



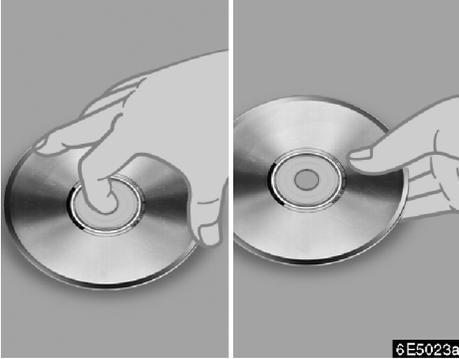
► Transparent / translucent discs



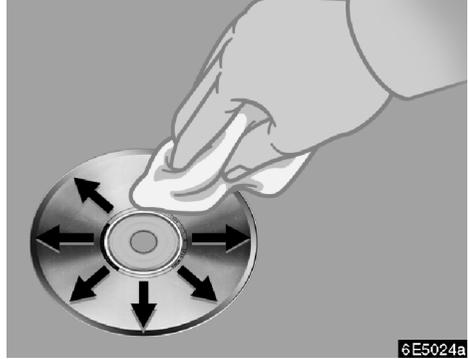
► Low quality discs

### 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.

## 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 VII**

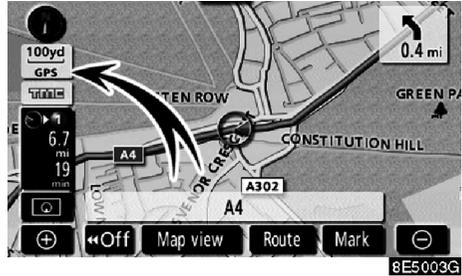
## **APPENDIX**

- Limitations of the navigation system ..... 152
- Map database information and updates ..... 155

## 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 of the antenna in the instrument panel. We advise against the use of window tinting on vehicles equipped with navigation systems.***

## 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 : **EM05A6**

- Directive and Standards used :

R&TTE Directive :

Radio : **EN 300 440-1 V1.3.1 : 2001-09**  
**EN 300 440-2 V1.1.1 : 2001-09**

EMC : **EN 301 489-1 V1.5.1 : 2004-11**  
**EN 301 489-3 V1.4.1 : 2002-08**  
**EN 301 489-1 V1.5.1 : 2004-11 Subclause 9.6**

LVD : **IEC 60950-1 : 2001, First Edition and**  
**EN60950-1 : 2001 +A11 : 2004.First Edition**

CE Marking ;



Japan XX.12.2006  
*Place and date of issue*

Kunihiro Yamada  
*Manufacture/Authorized representative  
name and signature*

**(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 92.***

**(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 94.)**

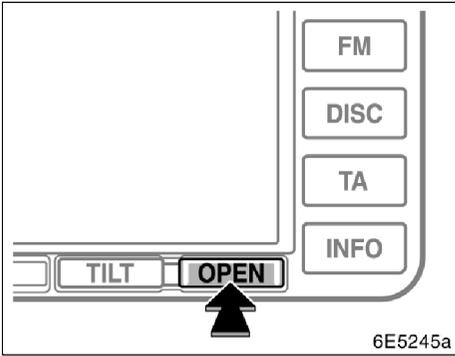
This navigation system uses tyre turning data and is designed to work with factory-specified tyres for your vehicle. Installing tyres that are larger or smaller than the originally equipped diameter may cause inaccurate display of the vehicle’s position. The tyre pressure also affects the diameter of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

## **Map database information and updates —**

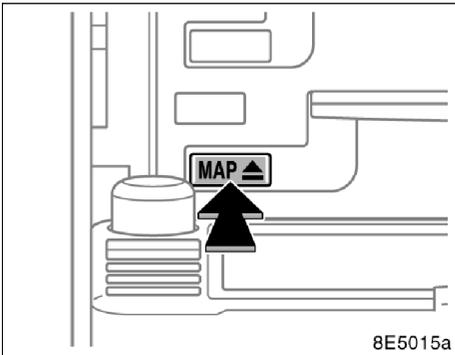
In order to provide you with as accurate map information as possible, we are always gathering information such as on road repairs and carrying out on-site investigations. However, the names of roads, streets, facilities, and their locations frequently change. In some places, construction on roads may 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.

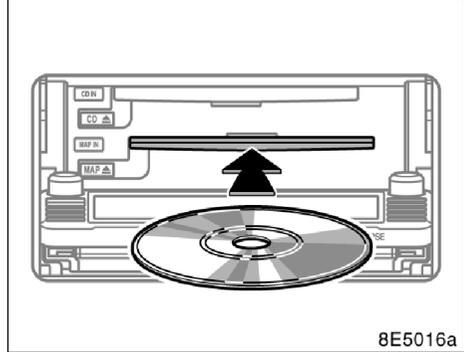
## — Changing the map DVD-ROM



1. Push the “OPEN” button. The display opens.



2. Push “MAP ” button. The map disc is ejected.



3. Insert the new map DVD-ROM with the label side up.
4. Push the “OPEN” button to close the display.

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.

### CAUTION

**Certification for the disc 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.

**CAUTION**

- Do not place anything on the opened display, as such items may be thrown about and possibly injure people in the vehicle during sudden braking or in an accident.
- To reduce the chance of injury in the case of an accident or sudden stopping while driving, keep the display closed.
- Take care not to jam your hand while the display is moving. Otherwise, you could be injured.

**NOTICE**

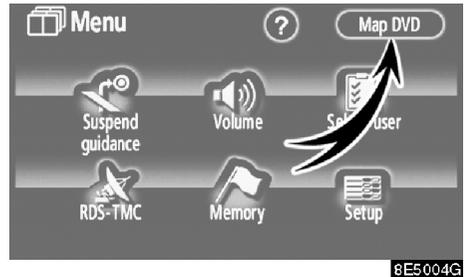
*Do not obstruct the display while it is moving. It could damage your navigation system.*

**INFORMATION**

*Under extremely cold conditions, the display may react slowly or operation sound may become louder.*

- To confirm the database version and disc coverage area

## 1. Push the “MENU” button.



## 2. Touch “Map DVD”.



Make sure the version of the database on this screen.

To display the disc 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.



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