

SECTION 1

NAVIGATION SYSTEM: BASIC FUNCTIONS

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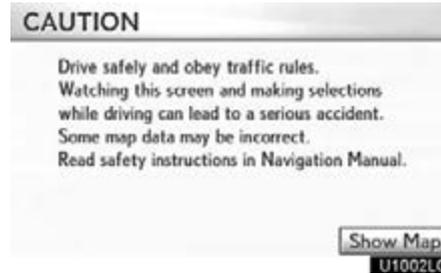
Initial screen



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



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



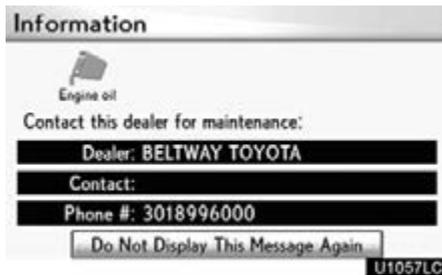
After about 5 seconds, the "CAUTION" screen automatically switches to the map screen. When touching "Show Map" or pushing the "MAP/VOICE" button, the map screen is displayed.

While the "CAUTION" screen is displayed, the "DEST" or "SETUP" button cannot be operated. And if the "Calendar" button on the "Information" screen is touched, the screen will change back to the "CAUTION" screen. In about 5 seconds, or when the "MAP/VOICE" button is pushed or the "Show Map" is touched, the "CAUTION" screen will change to the map screen.

● **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” on page 182.

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. (To set a beep sound, see page 163.)

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

| INFORMATION |
|--|
| <ul style="list-style-type: none"> ● <i>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.</i> ● <i>Dimmed touch screen buttons cannot be operated.</i> ● <i>Wipe off fingerprints using a glass cleaning cloth. Do not use chemical cleaners to clean the touch screen.</i> ● <i>The displayed image may become darker and moving images may be slightly distorted when the display is cold.</i> ● <i>Under extremely cold conditions, the map may not be displayed and the data input by a user may be deleted. Also, the touch screen buttons may be harder than usual to depress.</i> ● <i>When you look at the screen through polarized material such as polarized sunglasses, the screen may be dark and hard to see. If so, look at the screen from different angles, adjust the screen settings on the “Display” screen, or take off your sunglasses.</i> |

Inputting letters and numbers/List screen operation

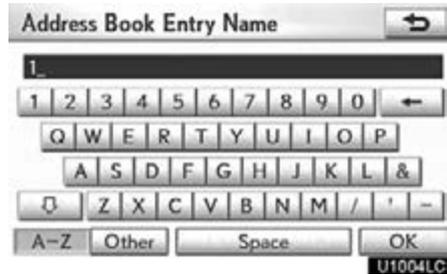
When searching for an address or a name, or entering, letters and numbers can be input via the screen.

INFORMATION

*Keyboard layout can be changed.
(See page 165.)*

- **To input letters and numbers**

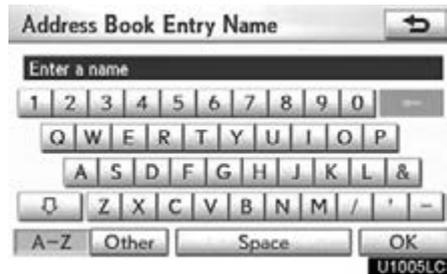
To display the alphabet keys, touch "A-Z".



Enter letters by touching the keys directly.

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

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

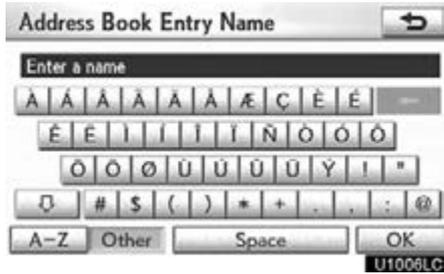


 : To enter in lower case.

 : To enter in upper case.

- **To input symbols**

To display symbol keys, touch “Other”.



Enter symbols by touching the symbol keys directly.

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

- **To display the list**



To search for an address or a name, touch “OK”. Matching items from the database are listed even if the entered address or name is incomplete.

If the number of matches is five or less, the list is displayed without touching “OK”.



INFORMATION

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

NAVIGATION SYSTEM: BASIC FUNCTIONS

• List screen operation

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



 To shift to the next or previous page.

 Touch  or  to scroll through the displayed list.

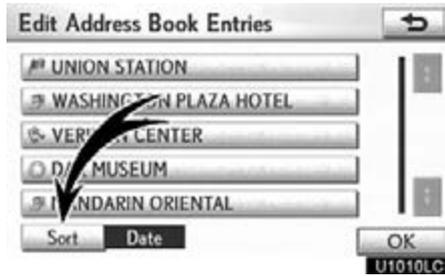
 This expresses a displayed screen position.

 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.

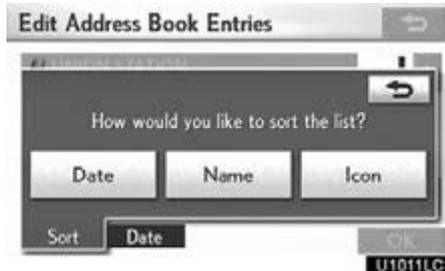
Touch  to scroll to the beginning of the name.

• Sorting

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



1. Touch "Sort".



2. Touch 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 order by name.

Screen adjustment

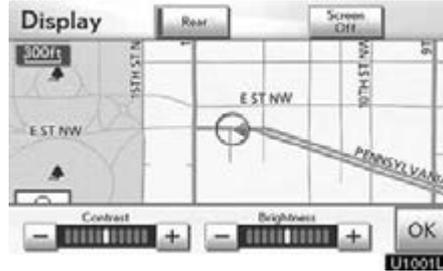
You can adjust the contrast, brightness, color and tone of the screen. You can also turn the display off, and change the screen to either day or night mode.

- **Contrast, brightness, color and tone adjustment**

The contrast, brightness, color and tone of the screen can be adjusted depending on the brightness of your surroundings. You can also turn the display off.



1. Push the “DISP” button.



Contrast and brightness adjustment

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

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

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

“Brightness” “+”: Brightens the screen.

“Brightness” “-”: Darkens the screen.

3. After adjusting the screen, touch “OK”.

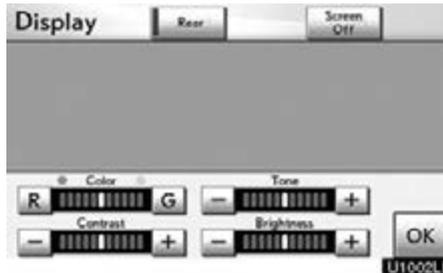
If your vehicle is equipped with the rear seat entertainment system, the rear screen turns on or off when “Rear” is touched.

The screen goes off when “Screen Off” is touched. To turn the display screen back on, push the “DISP” button again.

INFORMATION

When you do not touch any button on the “Display” screen for 20 seconds, the previous screen will be displayed.

NAVIGATION SYSTEM: BASIC FUNCTIONS



Color and tone adjustment

1. Touch the desired button to adjust color and tone.

You can adjust the color and the tone while the DVD video, DVD audio and video CD are being played.

“Color” “R”: Strengthens the red color of the screen.

“Color” “G”: Strengthens the green color of the screen.

“Tone” “+”: Strengthens the tone of the screen.

“Tone” “-”: Weakens the tone of the screen.

2. After adjusting the screen touch “OK”.

If your vehicle is equipped with the rear seat entertainment system, the rear screen turns on or off when “Rear” is touched.

The screen goes off when “Screen Off” is touched. To turn the display screen back on, push the “DISP” button again.

INFORMATION

When you do not touch any button on the “Display” screen for 20 seconds, the previous screen will be displayed.

● Changing between day mode and night mode

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



To display the screen in 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 day mode with the headlight switch turned on, this condition is memorized in the system even with the engine turned off.

If the instrument panel light control switch is turned fully to right, the displays condition is not changed to night mode even if headlight switch is turned on.

Help icon

When  appears on the screen, an explanation of the function can be displayed.



1. Touch  .



2. Touch the button of the desired function.



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 () appears in the center or bottom center of the map screen.

A street name will appear on the bottom of the screen, depending on the scale of the map () .

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

While driving, the current vehicle position mark is fixed on the screen and the map moves.

The current position is automatically set as the vehicle receives signals from the GPS (Global Positioning System). If the current position is not correct, it is automatically corrected after the vehicle receives signals from the GPS.

INFORMATION

- **After battery disconnection, or on a new vehicle, the current position may not be correct. As soon as the system receives signals from the GPS, the correct current position is displayed.**
- **To correct the current position manually, see page 179.**

— Screen scroll operation

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



- To set the cursor position as a destination

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



Use the scroll feature to move the desired point to the center 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, city 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 centered 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 center of the screen and the map moves as the vehicle proceeds along the designated route.

Touch “Enter”.

The screen changes and displays the map location of the selected destination and the route preference. (See “Starting route guidance” on page 84.)

INFORMATION

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

NAVIGATION SYSTEM: BASIC FUNCTIONS

- **To register the cursor position as an address book entry**

Address book entry 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 "(b) Editing address book entries" on page 119.

Up to 100 address book entries can be registered. If there is an attempt to register more than 100 address book entries, an error message will appear.



NAVIGATION SYSTEM: BASIC FUNCTIONS

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



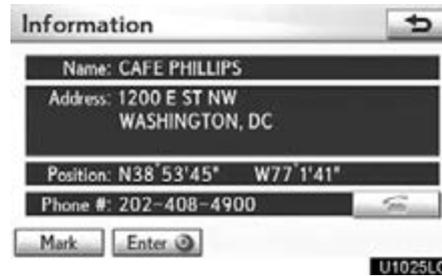
To display information about an icon, set the cursor on it.

POI INFORMATION

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



Touch “Info.”.



Information such as the name, address, 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, “Go to” and “Add to Route” are displayed.

“Go to”: To delete the existing destinations and set a new one.

“Add to Route”: To add a destination.

To register this POI as an address book entry, touch “Mark”. (See page 118.)

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

INFORMATION

The desired Point of Interest can be displayed on the map screen. (See “ — Display POI icons” on page 103.)

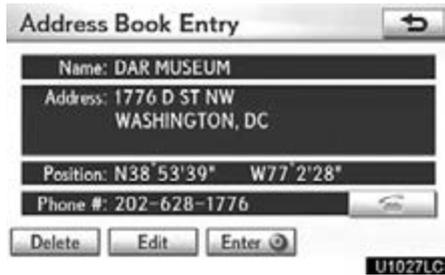
ADDRESS BOOK ENTRY INFORMATION

When the cursor is set on an address book entry icon, the name and “Info.” are displayed at the top of the screen.



Touch “Info.”.

NAVIGATION SYSTEM: BASIC FUNCTIONS



Information such as the name, address, 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, "Go to" and "Add to Route" are displayed.

"Go to": To delete the existing destinations and set a new one.

"Add to Route": To add a destination.

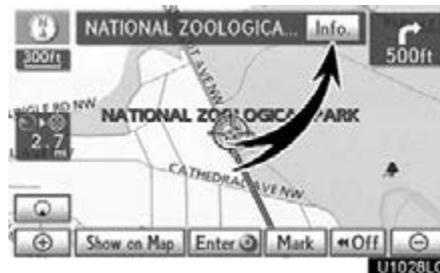
To edit an address book entry, touch "Edit". (See "(b) Editing address book entries" on page 119.)

To delete an address book entry, touch "Delete".

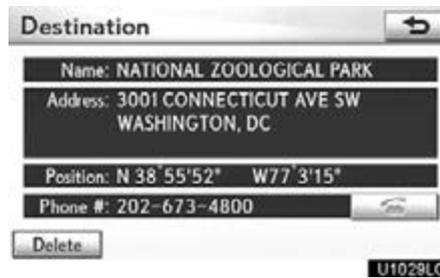
If  is touched, the registered telephone number can be called.

DESTINATION INFORMATION

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



Touch "Info.".



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

To delete a destination, touch "Delete".

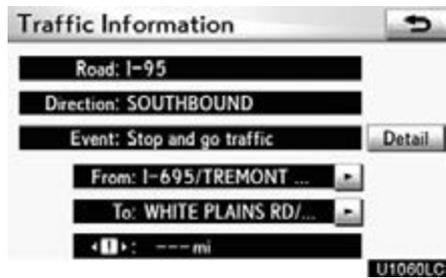
If  is touched, the registered telephone number can be called.

XM® NavTraffic TEXT INFORMATION

When you touch the XM® NavTraffic icon on the map, the XM® NavTraffic info. bar will appear on the upper part of the screen.

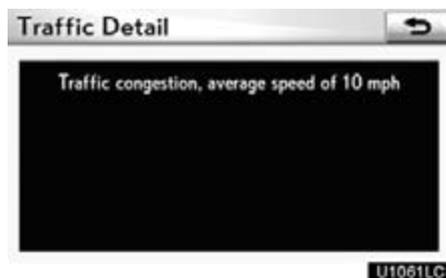


Touch "Info."



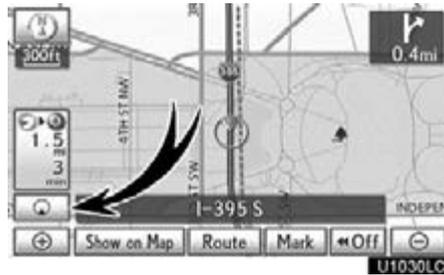
Traffic information is displayed on the screen.

Touch "Detail" to display detailed traffic event information.



— 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.

NAVIGATION SYSTEM: BASIC FUNCTIONS

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

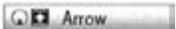
 **Single Map** :
To display the single map screen.
(See page 40.)

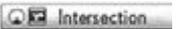
 **Dual Map** :
To display the dual map screen.
(See page 41.)

 **Compass** :
To display the compass mode screen. (See page 41.)

 **Freeway** :
To display the freeway screen.
(See page 89.)

 **Turn List** :
To display the turn list screen.
(See page 91.)

 **Arrow** :
To display the arrow screen. (See page 91.)

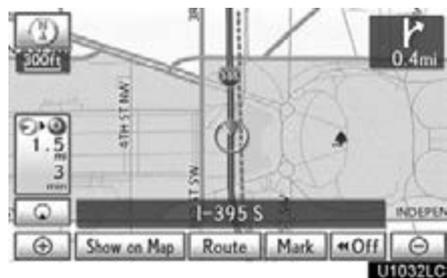
 **Intersection** :
To display the intersection guidance screen or the guidance screen on the freeway. (See page 90.)

● 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 icon
3. Show XM® NavTraffic Info. (See page 152.)
4. Changing the orientation of the map

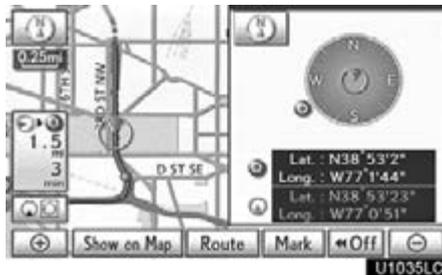
Touch “OK” when you complete editing.

The screen returns to the dual map screen.

COMPASS MODE

Current vehicle position is indicated with a compass.

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 150 feet (50 m) to 250 miles (400 km).

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.

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 250 miles (400 km), is not shown. When the map scale is at the minimum range of 150 feet (50 m), is not shown. In areas where the foot print map is available the map scale changes from to when at the minimum range.

— Foot print map

For the area which is covered by the foot print map (Some areas in the following cities: Detroit, Chicago, N.Y., L.A), you can switch to the foot print map on a scale of 75 feet (25 m).

- To switch to the foot print map

changes into when the map is scaled down to 150 feet (50 m).



- To display the foot print map, touch



- To delete the foot print map display, touch



INFORMATION

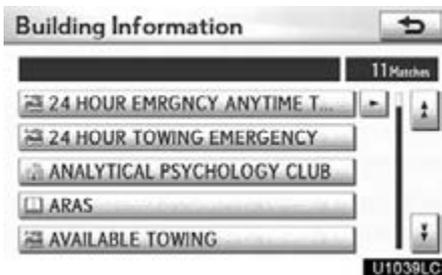
- If the map or the current position is moved to the area which is not covered by the foot print map, the screen scale automatically changes to 150 feet (50 m).
- On the foot print map, a one way street is displayed by .
- It is not possible to perform scrolling on the foot print map while driving.

● **To display building information**

Information is available only for buildings for which information is recorded on the map data.



Touch “Info.” while the foot print map is displayed.



Details of POIs in some buildings may be displayed.

For detailed POI information, touch the building name. You can see details of the selected POIs.

— **Orientation of the map**

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.

Touch  or .



► **North-up screen**



► **Heading-up screen**

 **North-up symbol**

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

 **Heading-up symbol**

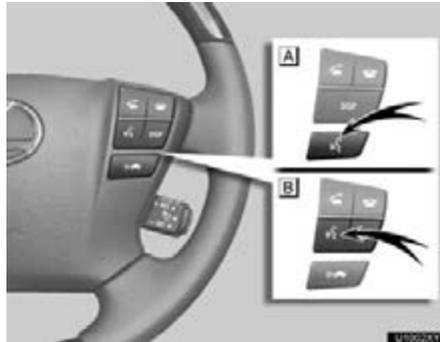
The direction of vehicle travel is always up. A red arrow indicates North.

— Standard map icons

| Icon | Name |
|---|-------------------|
|  | Island |
|  | Park |
|  | Industry |
|  | Business facility |
|  | Airport |
|  | Military |
|  | University |
|  | Hospital |
|  | Stadium |
|  | Shopping mall |
|  | Golf |

Voice command system —

The voice command system enables you to operate the navigation system, audio/video system, air conditioning system and hands-free system by giving a command.



- A Without dynamic radar cruise control
- B With dynamic radar cruise control

1. Push the talk switch.
After a beep sounds, the “Voice Menu” screen is displayed.

INFORMATION

Voice guidance for the voice command system can be skipped by pushing the talk switch.



2. After a beep sounds, say the command of your choice.

Voice commands are marked with . Some commonly used commands are displayed on the screen. Speak the commands as displayed on the screen.

If you want to check the all command list, say **“Command list”** to display the command list screen. (See “— Command list” on page 49.)

3. Following voice guidance, say the command displayed on the screen.

If a desired outcome is not shown, or if no choices are available, say **“Go back”** or touch **“Go Back”** to return to the previous screen.

To cancel voice command recognition, say **“Cancel”**, touch **“Cancel”**, or push and hold the talk switch.

If the navigation system does not respond or the confirmation screen does not disappear, please push the talk switch and try again.

If a voice command cannot be recognized within 6 seconds, the voice guidance system will say “Pardon?” (“Command not recognized.” will be displayed on the screen) and voice command reception will restart.

If a voice command cannot be recognized two consecutive times, the voice guidance system will say “Paused. To restart voice recognition, push the talk switch.”, then be suspended.



► **Microphone**

It is unnecessary to speak directly into the microphone when giving a command.

INFORMATION

- *Wait for the confirmation beep before speaking a command.*
- *Voice commands may not be recognized if :*
 - *Spoken too quickly*
 - *Spoken at a low or high volume*
 - *The windows or sunroof are open*
 - *Passengers are talking while voice commands are spoken*
 - *The air conditioning speed is set high*
 - *Turning the air conditioning vents towards the microphone*
- *In the following conditions, the system may not recognize the command properly and using voice commands may not be possible.*
 - *The command is not correct or clear.*
Note that certain words, accents, or speech patterns may be difficult for the system to recognize.
 - *There are some noises such as wind noise, etc.*

● **Voice command example: Searching for a route to your home.**

1. **Push the talk switch.**
2. **Say “Go home”.**

If a home address is not registered, the voice guidance system will say “Your home is not set” and you will be prompted to enter a home address. (See page 112.)

When the voice command is recognized, a map of the area around your home is displayed.



3. **Touch “Enter” or say “Enter”, and the system starts searching for a route to your home.**

To return to the “Voice Menu” screen, say “Go back” or touch “Go Back”.

Touch “Cancel” or say “Cancel”, and the voice command system will be canceled.

— **Natural speech information (English only)**

Due to natural language speech recognition technology, this system enables recognition of a command when spoken naturally. However, the system cannot recognize every variation of each command. In some situations, it is possible to omit the command for the procedure and directly state the desired operation.

● **Voice recognition top screen expression examples**

| Command | Expression examples |
|--------------|---|
| Go Home | <i>Take me home. Let's go home.</i> |
| Destination | <i>I'd like to set a destination.</i> |
| Phone | <i>I'd like to make a call. I need to use the phone. Bring up the phone menu.</i> |
| Audio | <i>Audio menu, please.</i> |
| Information | <i>Let me see the information menu. Give us the information menu, please.</i> |
| Command List | <i>Show me the voice command list.</i> |

- **Expression examples for each function**

In some situations, It is possible to omit a command for each procedure and to say the desired operation directly.

EXPRESSION EXAMPLES WITH THE “Destination” SCREEN

Normal command recognition —

Destination>Point of Interest>Near Here>Gas> The gas stations near the current location will be listed.

Natural speech recognition —

Destination> What gas stations are nearby?> The gas stations near the current location will be listed.

INFORMATION

Natural speech example:

“Where’s the nearest Mexican restaurant?”

“Where is the closest ATM?”

EXPRESSION EXAMPLES WITH THE “Phone Menu” SCREEN (when making a call using a phonebook)

Normal command recognition —

Phone>Dial by Name>Bob>mobile> The phone number will be displayed.

Natural speech recognition —

Phone>Call to Bob on his mobile.> The phone number will be displayed.

INFORMATION

Natural speech example:

“Get me Rob Brown on the phone.”

“Please place a call to John on his mobile.”

EXPRESSION EXAMPLES WITH THE “Phone Menu” SCREEN (when making a call by saying a phone number)

Normal command recognition —

Phone>Dial by Number>123-456-789> The phone number will be displayed.

Natural speech recognition —

Phone>Call to 123-456-789.> The phone number will be displayed.

INFORMATION

The above mentioned command for making a call can also be recognized on the voice recognition top screen.

Natural speech example:

“I’d like to place a call to 123-456-789.”

“I want to buzz 123-456-789, please.”

EXPRESSION EXAMPLES WITH THE “Information Menu” SCREEN

Normal command recognition —

Information>XM Nav Weather>Los Angeles, California> The weather information will be displayed.

Natural speech recognition —

Information>Give me a weather report for Los Angeles, California.> The weather information will be displayed.

INFORMATION

Natural speech example:

“How about Detroit, Michigan?”

EXPRESSION EXAMPLES WITH THE “Audio Menu” SCREEN (when the audio source is in satellite radio mode)

Normal command recognition —

Audio>Select Channel Number>90> The channel will be changed to the one selected.

Natural speech recognition —

Audio>Play channel ninety, please> The channel will be changed to the one selected.

INFORMATION

Natural speech example:

“Switch the channel to XM one seventy five.”

VOICE RECOGNITION TOP SCREEN EXPRESSION EXAMPLES

Normal command recognition —

Command List>Dual Map> The map will be displayed in dual map mode.

Natural speech recognition —

Switch to dual map mode.> The map will be displayed in dual map mode.

— Command list

The system has a voice recognition command list. You can operate the voice recognition system by saying any command from the displayed command list.

1. Push the talk switch.



2. Say “Command list”.



3. Say the command of your choice to operate the system.

To confirm commands on the screen, touch  or  to scroll through the command list. This function is available only when the vehicle is not moving.

INFORMATION

When the "Voice Menu" screen is displayed, all the commands in the voice recognition command list can be recognized.

- Voice command example: Changing map screen

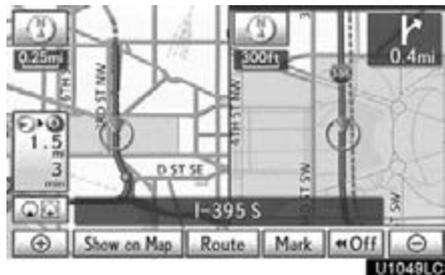
1. Push the talk switch.
2. Say "Command list".



3. Say "Dual map".

To confirm commands on the screen, touch  or  to scroll through the command list. This function is available only when the vehicle is not moving.

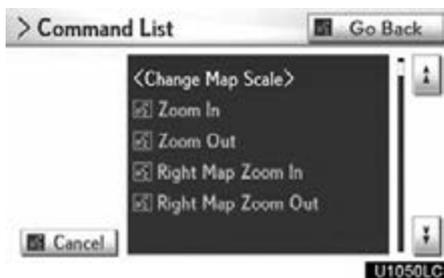
When  or  is touched, push the talk switch again and say the command.



The screen shows the dual map.

- **Voice command example: Changing map scale**

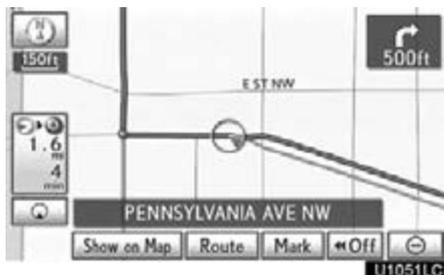
1. **Push the talk switch.**
2. **Say “Command list”.**



3. **Say “Zoom in” or “Zoom out”.**

To confirm commands on the screen, touch  or  to scroll through the command list. This function is available only when the vehicle is not moving.

When  or  is touched, push the talk switch again and say the command.



The scale of the map display is changed.

NAVIGATION SYSTEM: BASIC FUNCTIONS

COMMAND LIST

| Change map mode | |
|------------------------|---|
| Command | Action |
| Map | Shows current portion map. |
| Dual map | Changes map to dual mode. |
| Single map | Changes map to single mode. |
| Compass mode | Changes map to compass mode. |
| Change map scale | |
| Command | Action |
| Zoom in | Zoom in. |
| Zoom out | Zoom out. |
| Right map zoom in | Zooms right map in. |
| Right map zoom out | Zooms right map out. |
| Change map orientation | |
| Command | Action |
| North up | Changes map bearing to north up. |
| Heading up | Changes map bearing to heading up. |
| Map direction | Changes map bearing to another direction. |
| Right map north up | Changes right map bearing to north up. |
| Right map heading up | Changes right map bearing to heading up. |
| Right map direction | Changes right map bearing to another direction. |
| Change guidance mode | |
| Command | Action |
| Arrow mode | Changes guidance screen to arrow mode. |
| Turn list mode | Changes guidance screen to turn list mode. |

NAVIGATION SYSTEM: BASIC FUNCTIONS

| Change guidance mode | |
|-------------------------|---|
| Command | Action |
| Freeway mode | Changes guidance screen to freeway mode. |
| Intersection mode | Changes guidance screen to Intersection mode. |
| Set a destination | |
| Command | Action |
| Previous start point | Calculates route to previous start point. |
| Save a point on the map | |
| Command | Action |
| Mark this point | Marks the point on the map. |
| Change route | |
| Command | Action |
| Quick route | Changes route to quick route. |
| Short route | Changes route to short route. |
| Alternate route | Changes route to alternate route. |
| Detour | Calculates detour route. |
| Detour entire route | Calculates detour entire route. |
| Review route | |
| Command | Action |
| Route overview | Shows entire route. |
| Next destination map | Shows position of next destination. |
| First destination map | Shows position of first destination. |
| Second destination map | Shows position of second destination. |
| Third destination map | Shows position of third destination. |
| Fourth destination map | Shows position of fourth destination. |
| Fifth destination map | Shows position of fifth destination. |
| Final destination map | Shows position of final destination. |

NAVIGATION SYSTEM: BASIC FUNCTIONS

| Delete destination | |
|------------------------------|--|
| Command | Action |
| Delete next destination | Deletes position of next destination. |
| Delete final destination | Deletes position of final destination. |
| Delete all destinations | Deletes position of all destination. |
| Guidance options | |
| Command | Action |
| Pause guidance | Pauses the guidance. |
| Resume guidance | Resumes the guidance. |
| Repeat guidance | Repeat voice guidance. |
| Louder | Turns volume up 1 level. |
| Softer | Turns volume down 1 level. |
| Traffic information | |
| Command | Action |
| Traffic information | Displays traffic information. |
| Show POI icons | |
| Command | Action |
| SHOW GAS | Displays GAS STATION icons. |
| SHOW PARKING | Displays PARKING icons. |
| SHOW SERVICE AND MAINTENANCE | Displays SERVICE & MAINTENANCE icons. |
| SHOW DEALERSHIPS | Displays DEALERSHIP icons. |
| SHOW LEXUS | Displays LEXUS DEALERSHIP icons. |
| SHOW TOYOTA | Displays TOYOTA DEALERSHIP icons. |
| SHOW PARTS STORES | Displays PARTS STORE icons. |
| SHOW ROADSIDE ASSISTANCE | Displays ROADSIDE ASSISTANCE icons. |
| SHOW AUTOMOBILE CLUBS | Displays AUTOMOBILE CLUB icons. |
| SHOW CAR RENTAL AGENCIES | Displays CAR RENTAL AGENCY icons. |
| SHOW CAR WASHES | Displays CAR WASH icons. |
| SHOW OTHER AUTOMOTIVE | Displays OTHER AUTOMOTIVE STORE icons. |
| SHOW DINING | Displays DINING icons. |

NAVIGATION SYSTEM: BASIC FUNCTIONS

| Show POI icons | |
|--------------------------------------|---|
| Command | Action |
| SHOW AMERICAN DINING | Displays AMERICAN RESTAURANT icons. |
| SHOW BAKERIES AND DELIS | Displays BAKERY & DELI icons. |
| SHOW BARBECUE AND GRILL DINING | Displays BARBECUE & GRILL RESTAURANT icons. |
| SHOW CAJUN AND CARIBBEAN DINING | Displays CARIBBEAN RESTAURANT icons. |
| SHOW CHINESE DINING | Displays CHINESE RESTAURANT icons. |
| SHOW COFFEE HOUSES | Displays COFFEE HOUSE icons. |
| SHOW FAST FOOD | Displays FAST FOOD icons. |
| SHOW FRENCH DINING | Displays FRENCH RESTAURANT icons. |
| SHOW GREEK DINING | Displays GREEK RESTAURANT icons. |
| SHOW INDIAN DINING | Displays INDIAN RESTAURANT icons. |
| SHOW ICE CREAM AND CANDY | Displays ICE CREAM & CANDY icons. |
| SHOW ITALIAN DINING | Displays ITALIAN RESTAURANT icons. |
| SHOW JAPANESE DINING | Displays JAPANESE RESTAURANT icons. |
| SHOW KOREAN DINING | Displays KOREAN RESTAURANT icons. |
| SHOW LATIN AND SOUTH AMERICAN DINING | Displays LATIN & SOUTH AMERICAN RESTAURANT |
| SHOW MIDDLE EASTERN DINING | Displays MIDDLE EASTERN RESTAURANT icons. |
| SHOW MEXICAN DINING | Displays MEXICAN RESTAURANT icons. |
| SHOW PIZZA | Displays PIZZERIA icons. |
| SHOW SEAFOOD DINING | Displays SEAFOOD RESTAURANT icons. |
| SHOW SPANISH DINING | Displays SPANISH RESTAURANT icons. |
| SHOW STEAK HOUSES | Displays STEAK HOUSE icons. |
| SHOW THAI DINING | Displays THAI RESTAURANT icons. |
| SHOW VIETNAMESE DINING | Displays VIETNAMESE RESTAURANT icons. |
| SHOW OTHER DINING | Displays OTHER RESTAURANT icons. |
| SHOW GROCERIES | Displays GROCERY STORE icons. |
| SHOW SHOPPING MALLS | Displays SHOPPING MALL icons. |
| SHOW CONVENIENCE STORES | Displays CONVENIENCE STORE icons. |

NAVIGATION SYSTEM: BASIC FUNCTIONS

| Show POI icons | |
|-----------------------------------|--|
| Command | Action |
| SHOW HOME IMPROVEMENT | Displays HOME IMPROVEMENT icons. |
| SHOW OFFICE AND ELECTRONICS | Displays OFFICE & ELECTRONICS icons. |
| SHOW RETAIL AND DEPARTMENT STORES | Displays RETAIL & DEPARTMENT STORE |
| SHOW DEPARTMENT STORES | Displays DEPARTMENT STORE icons. |
| SHOW BOOK STORES | Displays BOOK STORE icons. |
| SHOW CLOTHING AND SHOES STORES | Displays CLOTHING & SHOES icons. |
| SHOW HOBBY AND CRAFTS | Displays HOBBY & CRAFT icons. |
| SHOW JEWELRY | Displays JEWELRY icons. |
| SHOW SPORTING EQUIPMENT | Displays SPORTING EQUIPMENT icons. |
| SHOW RECREATIONAL VEHICLES | Displays RECREATIONAL VEHICLE icons. |
| SHOW OTHER RETAIL STORES | Displays OTHER RETAIL STORE icons. |
| SHOW POLICE STATIONS | Displays POLICE STATION icons. |
| SHOW FIRE STATIONS | Displays FIRE STATION icons. |
| SHOW HOSPITALS | Displays HOSPITAL icons. |
| SHOW PHARMACIES | Displays PHARMACY icons. |
| SHOW OTHER MEDICAL FACILITIES | Displays OTHER MEDICAL FACILITY icons. |
| SHOW HOTELS | Displays HOTEL icons. |
| SHOW REST AREAS | Displays REST AREA icons. |
| SHOW AIRPORTS | Displays AIRPORT icons. |
| SHOW BUS STATIONS | Displays BUS STATION icons. |
| SHOW TRAIN STATIONS | Displays TRAIN STATION icons. |
| SHOW PORTS AND FERRIES | Displays PORTS & FERRY icons. |
| SHOW TAXIS AND SHUTTLES | Displays TAXIS & SHUTTLE icons. |
| SHOW FULL-SERVICE BANKS | Displays FULL-SERVICE BANKS icons. |

NAVIGATION SYSTEM: BASIC FUNCTIONS

| | |
|------------------|-----------------------------|
| SHOW ATMs | Displays ATM icons. |
| SHOW ATTRACTIONS | Displays ATTRACTIONS icons. |

NAVIGATION SYSTEM: BASIC FUNCTIONS

| Show POI icons | |
|-------------------------------|---------------------------------------|
| Command | Action |
| SHOW ENTERTAINMENT | Displays ENTERTAINMENT icons. |
| SHOW TOURIST INFORMATION | Displays TOURIST INFORMATION icons. |
| SHOW PARKS AND BEACHES | Displays PARK & BEACH icons. |
| SHOW SPORTS AND FITNESS | Displays SPORTS & FITNESS icons. |
| SHOW BOWLING CENTERS | Displays BOWLING icons. |
| SHOW GOLF COURSES | Displays GOLF COURSE icons. |
| SHOW HORSE RACING | Displays HORSE RACING icons. |
| SHOW HEALTH AND FITNESS CLUBS | Displays HEALTH & FITNESS CLUB icons. |
| SHOW MARINAS | Displays MARINA icons. |
| SHOW MOTOR SPORTS | Displays MOTOR SPORTS icons. |
| SHOW SKI RESORTS | Displays SKI RESORT icons. |
| SHOW SPORTS COMPLEXES | Displays SPORTS COMPLEX icons. |
| SHOW NIGHTLIFE | Displays NIGHTLIFE icons. |
| SHOW PERFORMING ARTS | Displays PERFORMING ART icons. |
| SHOW CITY CENTERS | Displays CITY CENTER icons. |
| SHOW GOVERNMENT | Displays GOVERNMENT icons. |
| SHOW SCHOOLS | Displays SCHOOL icons. |
| SHOW DRY CLEANERS | Displays DRY CLEANING icons. |
| SHOW FLORISTS | Displays FLORIST icons. |
| SHOW LIBRARIES | Displays LIBRARY icons. |
| SHOW PERSONAL GROOMING | Displays PERSONAL GROOMING icons. |
| SHOW SHIPPING AND COPIES | Displays SHIPPING & COPY icons. |
| SHOW POST OFFICES | Displays POST OFFICE icons. |
| SHOW OTHER SERVICES | Displays OTHER SERVICE icons. |
| Delete POI icons | |
| Command | Action |
| Clear all icons | Deletes all POI icons. |

NAVIGATION SYSTEM: BASIC FUNCTIONS

| Select audio mode | |
|----------------------|--|
| Command | Action |
| Radio | Selects audio mode to radio. |
| AM | Selects audio mode to AM. |
| FM | Selects audio mode to FM. |
| FM1 | Selects audio mode to FM1. |
| FM2 | Selects audio mode to FM2. |
| Satellite radio | Selects audio mode to satellite radio. |
| Satellite radio 1 | Selects audio mode to satellite radio 1. |
| Satellite radio 2 | Selects audio mode to satellite radio 2. |
| Satellite radio 3 | Selects audio mode to satellite radio 3. |
| CD | Selects audio mode to CD. |
| DVD | Selects audio mode to DVD. |
| CD changer | Selects audio mode to CD changer. |
| DVD changer | Selects audio mode to DVD changer. |
| Auxiliary | Selects audio mode to auxiliary. |
| Bluetooth audio | Selects audio mode to Bluetooth® audio. |
| iPod | Selects audio mode to iPod®. |
| USB audio | Selects audio mode to USB audio. |
| Audio On/Off | |
| Command | Action |
| Audio on / Audio off | Turns audio system on and off. |
| Radio operation | |
| Command | Action |
| Seek up | Seeks up for a radio station. |
| Seek down | Seeks down for a radio station. |
| Type up | Seeks up for program type. |
| Type down | Seeks down for program type. |

NAVIGATION SYSTEM: BASIC FUNCTIONS

| Disc operation | |
|-----------------------------|---|
| Command | Action |
| Track up | Tracks up for a track number. |
| Track down | Tracks down for a track number. |
| Previous track | Selects previous track. |
| Disc up | Disc up. |
| Disc down | Disc down. |
| Climate command | |
| Command | Action |
| Automatic climate control | Turns air conditioner on and off. |
| Raise temperature | Turns temperature up. |
| Lower temperature | Turns temperature down. |
| ?? degrees (?? is 65 to 85) | Selects temperature from 65 to 80 degrees. |
| Phone | |
| Command | Action |
| Dial by number | Calls by phone number. |
| Dial by name | Calls by giving a voice tag in the phonebook. |
| Select phone | Selects phone. |

INFORMATION

- *The function that cannot be used according to the vehicle is provided.*
- *Voice recognition language can be changed. (See "● Selecting a language" on page 164.)*

SECTION 2

NAVIGATION SYSTEM: DESTINATION SEARCH

- **Destination search** 63
 - Selecting the search area 63
 - Destination search by Home 65
 - Destination search by Preset destinations 65
 - Destination search by “Address” 66
 - Destination search by “Point of Interest” 70
 - Destination search by “Destination Assist” 77
 - Destination search by “Previous Destinations” 77
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 - Destination search by “Intersection & Freeway” 79
 - Destination search by “Map” 82
 - Destination search by “Coordinates” 83
 - Deleting set destinations 83
- **Starting route guidance** 84

Destination search —



Push the “DEST” button.



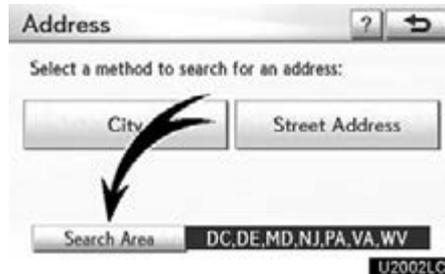
You can use one of 11 different methods to search your destination. (See pages 65 through 83.)

INFORMATION

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

— Selecting the search area

Change the selected region in order to set a destination from a different region by using “Address”, “Point of Interest” or “Intersection & Freeway”.



1. Touch “Search Area” to display a map of the United States and Canada divided into 12 regions. (For map database information and updates, see “Map database information and updates” on page 193.)



2. Touch one of “US1” through “CAN” to select a region to search.
3. Touch “OK” and the previous screen returns.

NAVIGATION SYSTEM: DESTINATION SEARCH

| U.S.A. | |
|--------|---|
| Button | States included in the search region |
| "US1" | Idaho Oregon Washington |
| "US2" | California Nevada |
| "US3" | Arizona Colorado Montana New Mexico Utah Wyoming |
| "US4" | Iowa Kansas Minnesota Missouri North Dakota Nebraska South Dakota |
| "US5" | Oklahoma Texas |
| "US6" | Illinois Indiana Kentucky Michigan Ohio Wisconsin |
| "US7" | Arkansas Alabama Louisiana Mississippi Tennessee |
| "US8" | Connecticut Massachusetts Maine New Hampshire New Jersey New York Rhode Island Vermont |

| | |
|--------|---|
| "US9" | Washington, D.C. Delaware Maryland New Jersey Pennsylvania Virginia West Virginia |
| "US10" | Florida Georgia North Carolina South Carolina |
| "HI" | Hawaii |

| Canada | |
|--------|--|
| Button | Provinces and regions included in the search region |
| "CAN" | All provinces and regions in Canada included in this button. |

— Destination search by Home

1. Push the “DEST” button.



2. Touch “Go Home”.

The screen changes and displays the map location for home and the route preference. (See “Starting route guidance” on page 84.)

If home has not been registered, a message will be displayed and the setting screen will automatically appear.

To use this function, it is necessary to set a “Home” address. (To register “Home”, see page 112.)

INFORMATION

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

— Destination search by Preset destinations

1. Push the “DEST” button.



2. Touch any of the preset destination buttons on the “Destination” screen.

The screen changes and displays the map location of the preset destination point and the route preference. (See “Starting route guidance” on page 84.)

If a preset destination point has not been registered, a message will be displayed and the setting screen will automatically appear.

To use this function, it is necessary to set “Preset Destinations”. (To register “Preset Destinations”, see page 114.)

INFORMATION

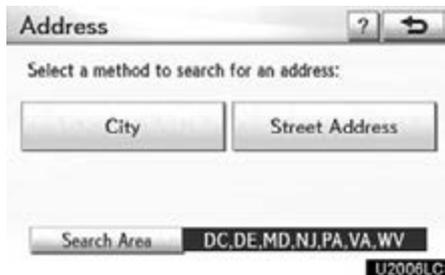
Guidance starts from the current vehicle position to the preset destination point if “Go to Ⓞ” is touched even while driving.

— Destination search by “Address”

There are 2 ways to search a destination by address.

- (a) Search by city
- (b) Search by street address

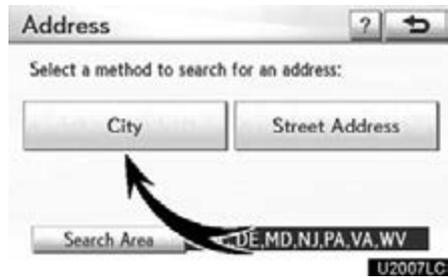
1. Push the “DEST” button.
2. Touch “Address” on the “Destination” screen.



3. Touch the button for the desired method.

(a) Selecting a city to search

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



3. Touch “City”.



4. Input a city name.

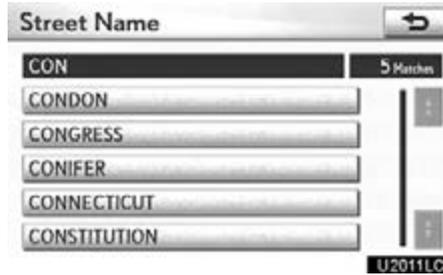


5. Touch the button of the desired city name from the displayed list.

NAVIGATION SYSTEM: DESTINATION SEARCH

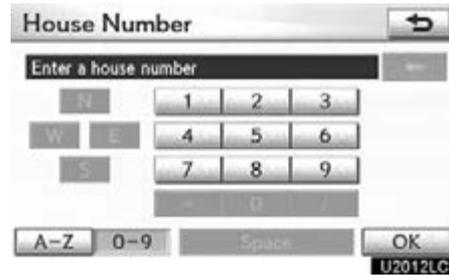


6. Input the street name and touch "OK".

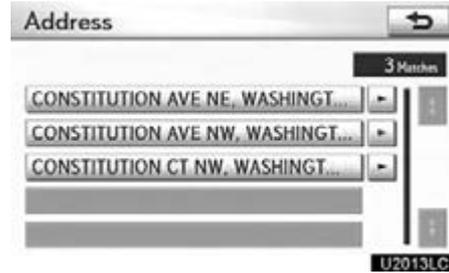


7. When the desired street name is found, touch the corresponding button.

The screen changes and displays the map location of the selected destination and the route preference. (See "Starting route guidance" on page 84.)



8. Input a house number.



If the same address exists in more than one city, the current screen changes to the address list screen.

NAVIGATION SYSTEM: DESTINATION SEARCH

SELECTING FROM THE LAST 5 CITIES



1. Touch "Last 5 Cities".



2. Touch the button of the desired city name.

If the navigation system has never been used, this function will not be available.

The current screen changes to the screen for inputting a street name. (See "(a) Selecting a city to search" on page 66.)

(b) Search by street address

1. Push the "DEST" button.
2. Touch "Address" on the "Destination" screen.



3. Touch "Street Address".



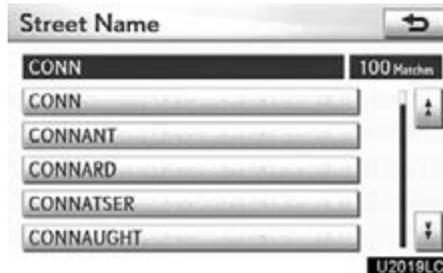
4. Touch numbers directly on the screen to input a house number.

After inputting a house number, touch "OK" to display the screen for inputting a street name.



5. Input the street name and touch "OK".

NAVIGATION SYSTEM: DESTINATION SEARCH



6. When the desired street name is found, touch the corresponding button.

The screen changes and displays the map location of the selected destination and the route preference. (See “Starting route guidance” on page 84.)

If the same address exists in more than one city, the current screen changes inputting the city name or to the address list screen.



7. Input a city name.



8. Touch the button of the desired city name from the displayed list.

INFORMATION

You can search for a street name using just the body.

Example : S WESTERN AVE

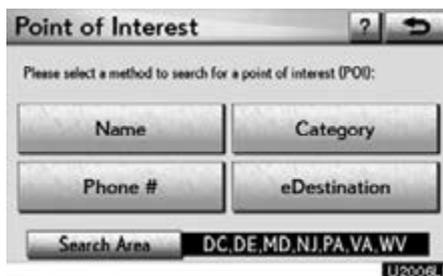
You can input “S WESTERN AVE”, “WESTERN AVE” or “WESTERN”

— Destination search by “Point of Interest”

There are 4 ways to search by Points of Interest.

- (a) Search by name
- (b) Search by category
- (c) Search by phone #
- (d) Search by eDestination

1. Push the “DEST” button.
2. Touch “Points of Interest” on the “Destination” screen.



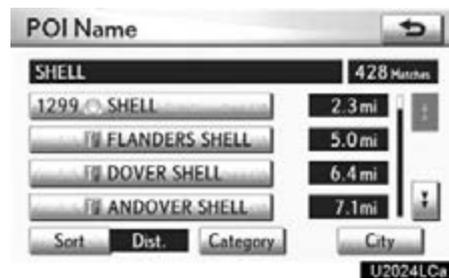
3. Touch the button for the desired method.

(a) Search by “Name”

1. Push the “DEST” button.
2. Touch “Point of Interest” on the “Destination” screen.
3. Touch “Name” on the “Point of Interest” screen.



4. Input the name of the Point of Interest.



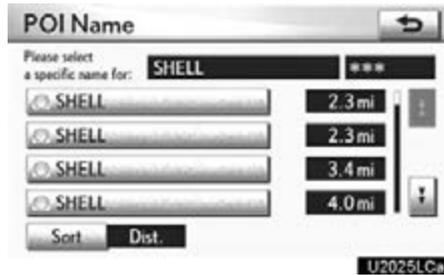
5. Touch the button of the desired destination.

The screen changes and displays the map location of the selected destination and the route preference. (See “Starting route guidance” on page 84.)

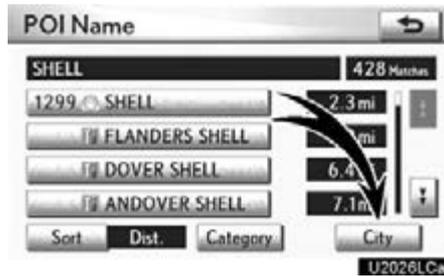
When inputting the name of a specific Point of Interest, and there are two or more sites with the same name, the list screen is displayed.

INFORMATION

To search for a facility name using multiple search words, put a space between each word.



● Selecting a city to search



Touch the button of the desired destination.

If the same name exists in more than one city, a search can be performed more easily with “City” and “Category”. (See “● Selecting a city to search” on page 71 and “● Selecting from the categories” on page 72.)

INFORMATION

The desired Point of Interest can be displayed on the map screen. (See “ — Display POI icons” on page 103.)

1. Touch “City”.



2. Input the city name.



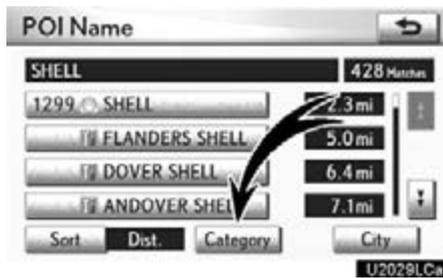
3. Touch the button of the desired city name from the displayed list.

INFORMATION

To cancel the city setting, touch “Any City”.

NAVIGATION SYSTEM: DESTINATION SEARCH

- **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 screen is displayed.

- (b) **Search by "Category"**

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

1. Push the "DEST" button.
2. Touch "Point of Interest" on the "Destination" screen.
3. Touch "Category" on the "Point of Interest" screen.



Set the search point by the following method:

1. Set the search point from near the vehicle's current position
2. Set the search point from along the chosen route
3. Set the search point from near a city center
4. Set the search point from near a destination

It is possible to display the names of POIs located within approximately 200 miles (320 km) from the selected search point.

SETTING THE SEARCH POINT FROM NEAR HERE

Touch “Near Here”.

The search point is set at the current position, and the “POI Category” screen will be displayed. (See page 75.)

SETTING THE SEARCH POINT FROM ALONG MY ROUTE

Touch “Along My Route”.

The search point is set and the “POI Category” screen will be displayed. (See page 75.)

SETTING THE SEARCH POINT FROM NEAR CITY CENTER

1. Touch “Near City Center”.



2. Input the city center name.



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

The search point is set and the “POI Category” screen will be displayed. (See page 75.)

NAVIGATION SYSTEM: DESTINATION SEARCH

SELECTING FROM THE LAST 5 CITIES

1. Touch "Near City Center".



2. Touch "Last 5 Cities".

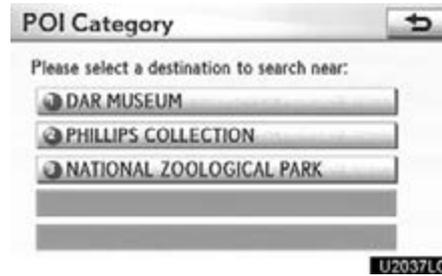


3. Touch the button of the desired city center name.

The search point is set and the "POI Category" screen will be displayed. (See page 75.)

SETTING THE SEARCH POINT FROM NEAR A DESTINATION

1. Touch "Near a Destination".



2. Touch the button of the desired destination.

The search point is set and the "POI Category" screen will be displayed. (See page 75.)

- To search POIs near the search point

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



Touch the desired POI category.

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



Touch the desired POI category from the list.



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 84.)

- (c) Search by “Phone #”

1. Push the “DEST” button.
2. Touch “Point of Interest” on the “Destination” screen.
3. Touch “Phone #” on the “Point of Interest” screen.



4. Input a telephone number.

5. After inputting a telephone number, touch “OK”.

The screen changes and displays the map location of the selected destination and the route preference. (See “Starting route guidance” on page 84.)

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

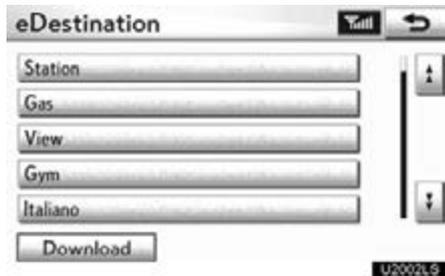


INFORMATION

- *If there is no match for the telephone number inputted, a list of identical numbers with different area codes will be displayed.*
- *To set an address book entry as a destination using the phone number, the number must already be registered. (See page 122.)*

(d) Search by “eDestination”

1. Push the “DEST” button.
2. Touch “Point of Interest” on the “Destination” screen.
3. Touch “eDestination” on the “Point of Interest” screen.



With the eDestination feature, you can go online, via the Lexus.com owner’s Web site, to select and organize destinations of your choice and then wirelessly send them to your vehicle’s navigation system. You can store up to 200 locations online to access and update at any time. Your locations can be organized into up to 20 folders. (See “eDestination” on page 139.)

— Destination search by “Destination Assist”

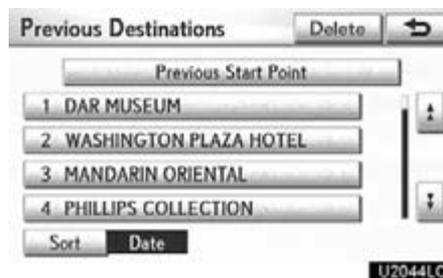
1. Push the “DEST” button.
2. Touch “Destination Assist” on the “Destination” screen.



Destination Assist provides you with live assistance for finding destinations via the Lexus Enform response center. You can request either a specific business, address, or ask for help locating your desired destination by category, such as restaurants, gas stations, shopping centers or other points of interest (POI). After you tell the agent your choice of destination, its coordinates are sent wirelessly to your vehicle’s navigation system. (See “Destination Assist” on page 136.)

— Destination search by “Previous Destinations”

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



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

3. Touch the button of the desired destination.

“Delete”: To delete the previous destination. (To delete previous destinations, see page 128.)

The screen changes and displays the map location of the selected destination and the route preference. (See “Starting route guidance” on page 84.)

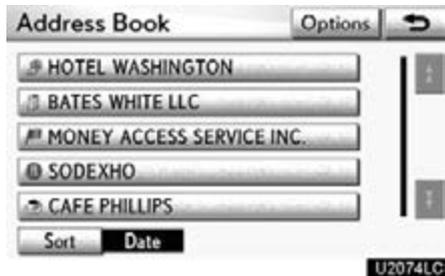
INFORMATION

The list of previous destinations can also be deleted by touching “Delete Previous Dest.” on the “Navigation Settings” screen when the vehicle is stopped. (See “ — Deleting previous destinations” on page 128.)

— Destination search by “Address Book”

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

A list of registered address book entries is displayed.



3. Touch the button of the desired address book entry.

“Options”: To register or edit address book. (See page 117.)

The screen changes and displays the map location of the selected destination and the route preference. (See “Starting route guidance” on page 84.)

— Destination search by “Emergency”

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

The display changes to a screen to select police stations, dealers, hospitals or fire stations. While driving, only nearby police stations, dealers, hospitals, or fire stations are shown. The current position is shown with an address, and the latitude and the longitude at the top of the screen.



3. Touch the desired emergency category.

The selected emergency category list is displayed.



4. Touch the button of the desired destination.

The screen changes and displays the map location of the selected destination and the route preference. (See “Starting route guidance” on page 84.)

INFORMATION

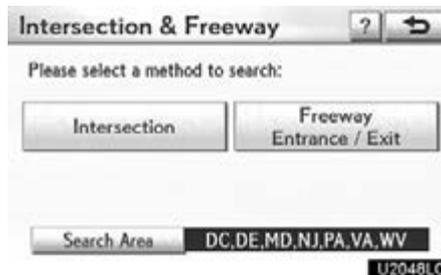
The navigation system does not guide in areas where route guidance is unavailable. (See page 192.)

— Destination search by “Intersection & Freeway”

There are 2 ways to search.

- (a) Search by intersection
- (b) Search by Freeway Entrance/Exit

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



3. Touch the button for the desired method.

NAVIGATION SYSTEM: DESTINATION SEARCH

(a) Search by "Intersection"

1. Push the "DEST" button.
2. Touch "Intersection & Freeway" on the second page of the "Destination" screen.
3. Touch "Intersection" on the "Intersection & Freeway" screen.



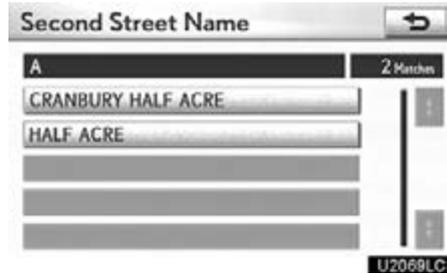
4. Input the name of the first intersecting street which are located near the destination to be set.
5. Touch "OK".



6. Touch the button of the desired item.

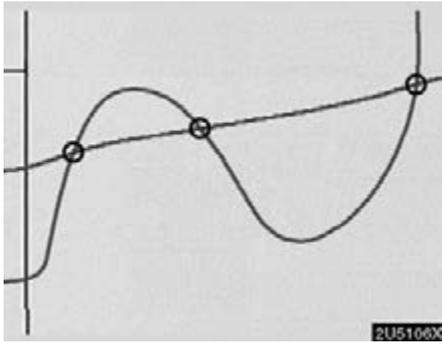


7. Input the name of the second intersecting street.



8. 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 route preference. (See "Starting route guidance" on page 84.)



If the same two streets cross at more than one intersection, the screen changes and displays the menu to select the city name where the streets intersect. Select the city, and the map location of the selected destination and the route preference. (See "Starting route guidance" on page 84.)

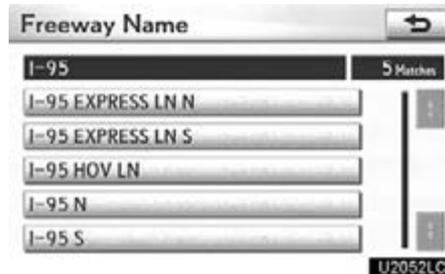
(b) Search by "Freeway Entrance/Exit"

1. Push the "DEST" button.
2. Touch "Intersection & Freeway" on the second page of the "Destination" screen.
3. Touch "Freeway Entrance/Exit" on the "Intersection & Freeway" screen.



4. To input a freeway name.

Be sure to use the complete name of the freeway or highway, including the hyphen, when entering the destination. Freeways and interstates use an "I" (I-405). US highways use the state designation before the number (CA-118).



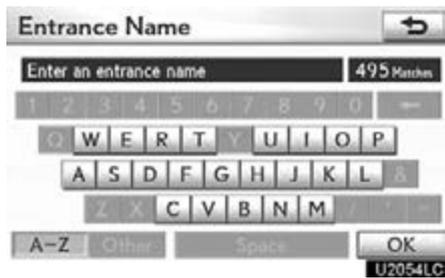
5. Select the desired freeway by touching the button.

— Destination search by “Map”

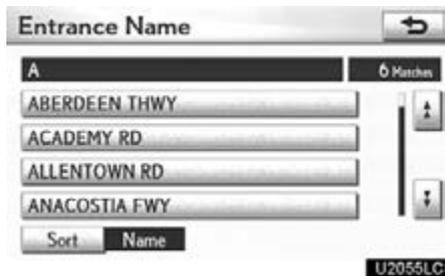
1. Push the “DEST” button.
2. Touch “Map” on the second page of the “Destination” screen.



6. Either a freeway “Entrance” or “Exit” can be selected.



7. Input a freeway entrance or exit name.
8. Touch “OK”.



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

The screen changes and displays the map location of the selected destination and the route preference. (See “Starting route guidance” on page 84.)



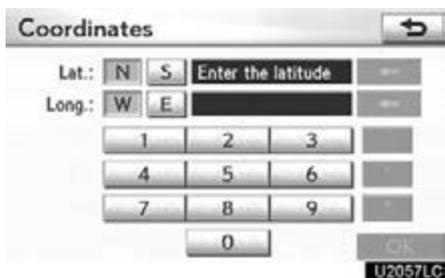
The screen changes and displays the map location that was previously displayed just before the destination input operation and the route preference. (See “Starting route guidance” on page 84.)

INFORMATION

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

— Destination search by “Coordinates”

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



3. Input the latitude and the longitude.
4. When the input is finished, touch “OK”.

By touching the button of the desired point, the screen changes and displays the map location of the selected destination and the route preference. (See “Starting route guidance” on page 84.)

— Deleting set destinations

A set destination can be deleted.

1. Push the “DEST” button.
2. Touch “Del. Dest.” on the “Destination” screen.

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



3. Touch the destination for deletion.

“Select All”: To select all destinations on the list.

“Unselect All”: To unselect all of the selected destinations.

4. Touch “Delete”.



A message appears to confirm the request to delete.

5. 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.

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

INFORMATION

Set destinations can also be deleted by touching "Route". (See " — Deleting destinations" on page 96.)

Starting route guidance

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



1. Scroll the map to the desired point.

"Adjust Location": To adjust the position in smaller increments.



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

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

2. Touch "Go to" with a target icon.

The system starts route search and displays recommended routes.

If there is already a set destination, **"Go to" with a target icon** and **"Add to Route"** are displayed.

"Go to" with a target icon: To delete the existing destinations and set a new one.

"Add to Route": To add a destination.

"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 "OK".

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

"3 Routes": To select the desired route from 3 possible routes. (See page 86.)

"Edit Route": To change the route. (See page 87.)

INFORMATION

- Guidance can be paused or resumed. (See "— Pausing and resuming guidance" on page 102.)
- If "OK" 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 (800 m), the map scale changes to 0.5 miles (800 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 incorrect information.

3 ROUTES SELECTION



1. To select the desired route from 3 routes, touch "3 Routes".



2. Touch "Quick", "Alt." or "Short" to select the desired route.

"Quick": Recommended route.

This route is indicated by an orange line.

"Alt.": 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.

| 3 Routes Info. | | | |
|----------------|-----------|------------|-----------|
| | Quick | Alt. | Short |
| 1 | 1 h 3 min | 1 h 10 min | 1 h 6 min |
| 2 | 56 miles | 60 miles | 47 miles |
| 3 | | | |
| 4 | 53 miles | 53 miles | 32 miles |
| 5 | | | |

- 1 Time necessary for the entire trip
- 2 Distance of the entire trip
- 3 Toll road
- 4 Freeway
- 5 Ferry

● **Edit route**

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



INFORMATION

- *Even if the “Freeways” indicator is dimmed, the route cannot avoid including a freeway 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.*

Touch “Edit Route”.



“**Add**”: To add destinations. (See page 95.)

“**Delete**”: To delete destinations. (See page 96.)

“**Reorder**”: To reorder destinations. (See page 95.)

“**Preferences**”: A number of choices are provided on the conditions which the system uses to determine the route to the destination. (See page 100)

SECTION 3

NAVIGATION SYSTEM: ROUTE GUIDANCE

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*: Point of Interest

Route guidance screen

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

- **Screen layout**



- 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 freeway driving**

During freeway driving, the freeway exit information screen will be displayed.

This screen displays the distance to the next junction and exit, or POIs in the vicinity of the freeway exit.



- 1 Current position
- 2 Points of Interest that are close to a freeway exit
- 3 Exit number and junction name
- 4 Distance from the current position to the exit or junction
- 5 Current street name

“Map”: To display the selected map of the exit vicinity.



: To scroll for farther junctions or exits.



: To scroll for closer junctions or exits.



: To scroll for the closest 3 junctions or exits.

NAVIGATION SYSTEM: ROUTE GUIDANCE

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

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



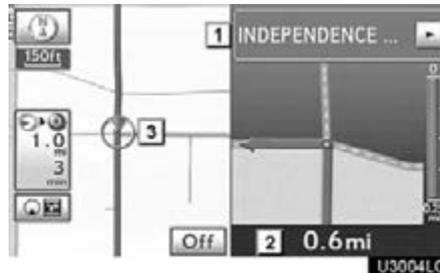
- 1 Next street name
- 2 Distance from the current position to the exit or junction
- 3 Current position

“Off”: The guidance screen on freeway disappears and the map screen appears.

When touching  Intersection or pushing the “MAP/VOICE” button, the guidance screen on freeway 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

“Off”: The intersection guidance screen disappears and the map screen appears.

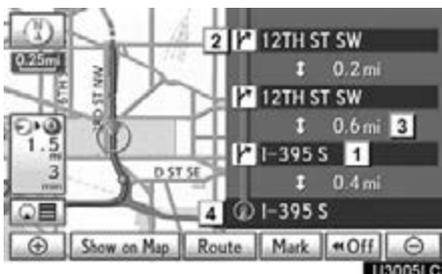
When touching  Intersection or pushing the “MAP/VOICE” button, the intersection guidance screen reappears.

• 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.

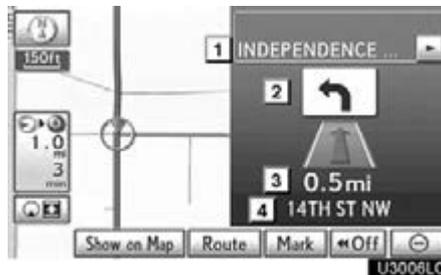


- 1 Next street name or destination name
- 2 Turn direction
- 3 Distance between turns
- 4 Current street name

ARROW SCREEN

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

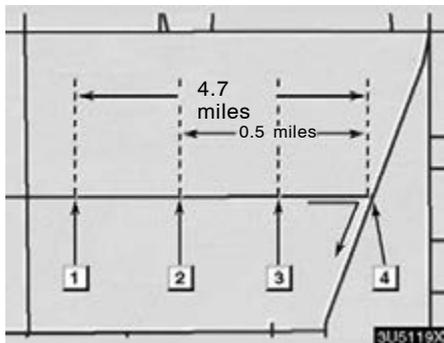
Touching  during guidance displays the arrow screen.



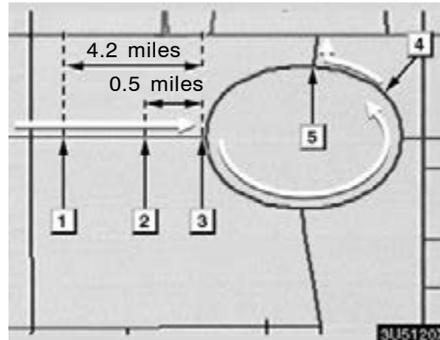
- 1 Exit number, street name containing number or next street name
- 2 Turn direction
- 3 Distance to the next turn
- 4 Current street name

Typical voice guidance prompts

The voice guidance provides various messages as you approach an intersection, or other point where you need to maneuver the vehicle.



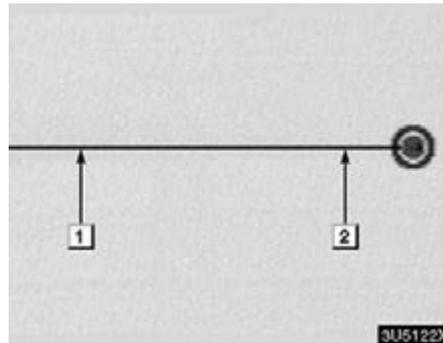
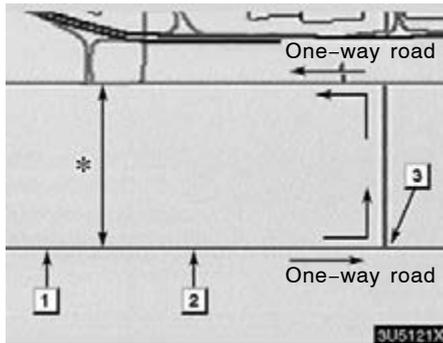
- 1 "Proceed about 5 miles to Main street."
- 2 "In half of a mile, right turn onto Main street."
- 3 "Right turn."
- 4 (Beep sound only)



- 1 "Proceed about 4 miles to the traffic circle."
- 2 "In half of a mile, traffic circle ahead, and then 3rd exit ahead onto Main street."
- 3 "The 3rd exit ahead."
- 4 "The exit ahead."
- 5 (Beep sound only)

INFORMATION

- *The street names may not be pronounced correctly or clearly due to text-to-speech function.*
- *On freeways, interstates or other highways with higher speed limits, the voice guidance will be made at earlier points than on city streets in order to allow time to maneuver.*



*: The system indicates a U-turn if the distance between two one-way roads (of opposite directions) is less than 50 feet (15 m) in residential areas or 164 feet (50 m) in non-residential areas.

- 1  "In half of a mile, make a legal U-turn."
- 2  "Make a legal U-turn ahead."
- 3  (Beep sound only)

The system announces the approach to the final destination.

- 1  "Your destination is ahead."
- 2  "You have arrived at your destination. The route guidance is now finished."

| INFORMATION |
|---|
| <ul style="list-style-type: none"> ● <i>If the system cannot determine the current vehicle position correctly (in cases of poor GPS signal reception), the voice guidance may be made early or delayed.</i> ● <i>If you did not hear the voice guidance command, push the "MAP/VOICE" button to hear it again.</i> ● <i>To adjust the voice guidance volume, see "● Voice volume" on page 171.</i> |

Distance and time to 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.

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.

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 175.) 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 destinations —
— Adding destinations**

You can add destinations and search again for the routes.



1. Touch “Route”.



2. Touch “Add”.

3. Input an additional destination in the same way as the destination search. (See “Destination search” on page 63.)



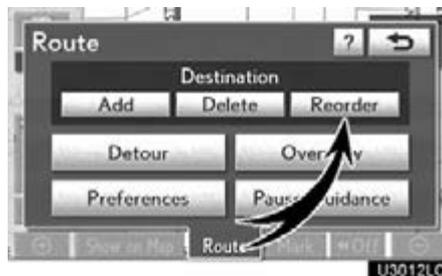
4. Touch the desired “Add Destination Here” to determine the arrival order of the additional destination.

— Reordering destinations

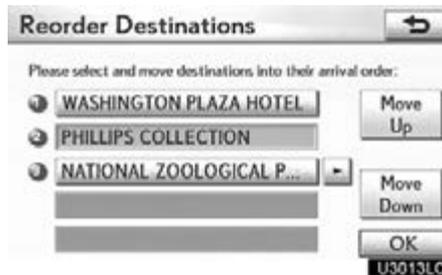
When more than one destination is set, you can change the arrival order of the destinations.



1. Touch “Route”.



2. Touch “Reorder”.



3. Touch the desired destination and touch “Move Up” or “Move Down” to change the arrival order.

4. Touch “OK”.

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

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

— Deleting destinations

A set destination can be deleted.

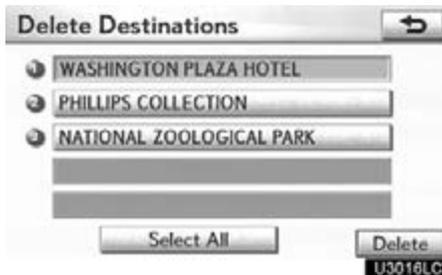


1. Touch "Route".



2. Touch "Delete".

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



3. Touch the destination for deletion.

"Select All": To select all destinations on the list.

"Unselect All": To unselect all of the selected destinations.

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.

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

Setting route — — 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”.



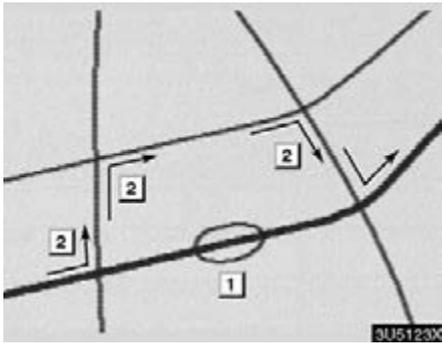
3. Touch the button below to select the desired detour distance.

“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 from XM® NavTraffic. For details, see “XM® NavTraffic” on page 152.

— Route overview



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



1. Touch "Route".



2. Touch "Overview".



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

"OK": To start guidance.

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

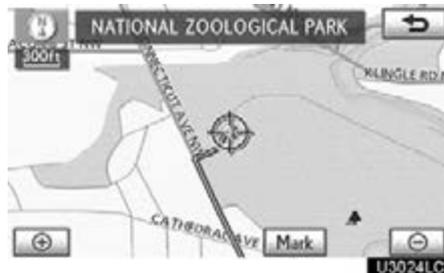
"Preview": To preview the route.



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 cities), 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” on the “Turn List” screen.
The point which you choose is displayed on the map screen.



● **Route preview**



1. Touch “Route”.



2. Touch “Overview”.



3. Touch “Preview”.



-  : 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.

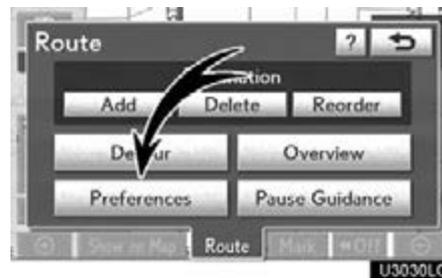
— Route preference

- **To select route type**

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



1. Touch "Route".



2. Touch "Preferences".



3. Touch "Quick", "Short" or "Alternate" and touch "OK".

NAVIGATION SYSTEM: ROUTE GUIDANCE



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

“OK”: To start guidance.

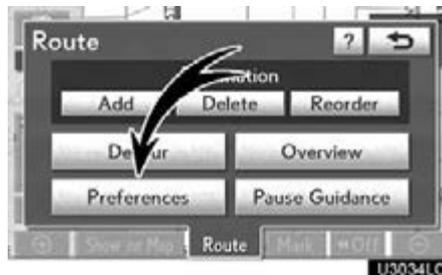
“Edit Route”: To change a route. (See page 87.)

● To select route features

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 “Preferences” to change the conditions that determine the route to the destination.



3. Select the desired route 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 route preference, touch “OK”.

NAVIGATION SYSTEM: ROUTE GUIDANCE

- **Starting route from adjacent road**

You can start the route guidance from the adjacent road.

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



1. Touch "Route".



2. Touch "Preferences".



3. Touch "Start from Adjacent Road".

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

— Pausing and resuming guidance

- **To pause guidance**



1. Touch "Route".



2. Touch "Pause Guidance".



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

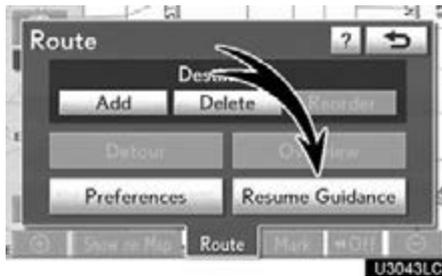
INFORMATION

Without route guidance, "Pause Guidance" cannot be used.

- To resume guidance



1. Touch "Route".



2. Touch "Resume Guidance".



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

Show on map — — Display POI icons

Points of Interest such as gas 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.

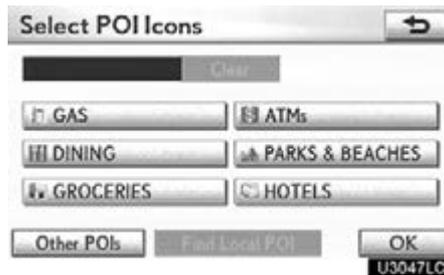


1. Touch "Show on Map".



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

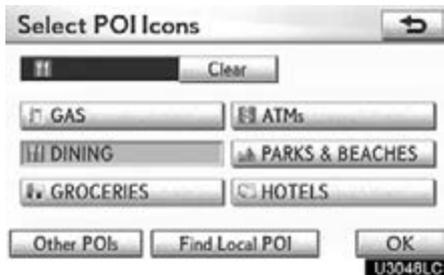
When the Points of Interest to be displayed on the map screen have already been set, "Change POI" is displayed.



A screen with a limited choice of Points of Interest will be displayed. (To change the displayed POI, see page 178.)

● **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 touching 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 icons on the map screen, touch **“Clear”**.

“Other POIs”: If the desired Point of Interest can not be found on the limited choice screen, touch this button.

“Find Local POI”: When searching for the nearest Point of Interest, touch this button. Then choose one of the categories. The system will list the points within 200 miles (320 km). (See page 105.)

Touch “Other POIs” on the “Select 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.

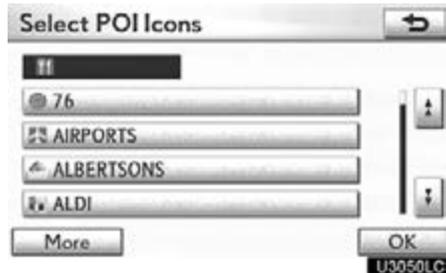


Touch the desired POI categories.

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

By touching the desired POI category and then touching **“OK”**, the selected POI icons are touching on the map screen.

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



Touch the desired POI categories from the list.

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

By touching the desired POI category and then touching “OK”, the selected POI icons are displayed on the map screen.

To return to the POI category selection screen, touch “More”.

● To display the local POI list

Points of Interest that are within 200 miles (320 km) of the current position will be listed from among the selected categories.



1. Touch “Find Local POI” on the “Select POI Icons” screen.



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

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

“Near...”: To search for Points of Interest near the current position or along the route.



“Near Here” : When **“Near Here”** is touched, the list of Points of Interest near the current position will be displayed.

“Along My Route” : When **“Along My Route”** is touched, the list of Points of Interest along the route will be 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 centered 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.

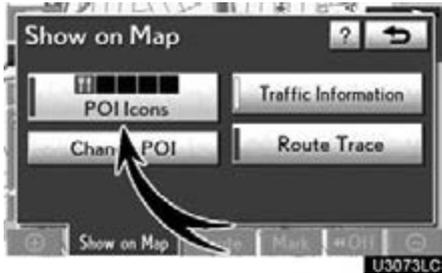
2. **When the desired Point of Interest overlaps with the cursor, touch “Enter”.**

The screen changes and displays the map location of the selected destination and route preference. (See “Starting route guidance” on page 84.)

- To hide POI icons



1. Touch "Show on Map".



2. Touch "POI Icons".

The "POI Icons" indicator is dimmed.

The map screen will be displayed with the POI icons hidden.

To display the POI icons again, touch "POI Icons" on the "Show on Map" screen.

— Route trace

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

INFORMATION

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

NAVIGATION SYSTEM: ROUTE GUIDANCE

- To start recording the route trace



1. Touch "Show on Map".



2. Touch "Route Trace".
"Route Trace" indicator is highlighted.

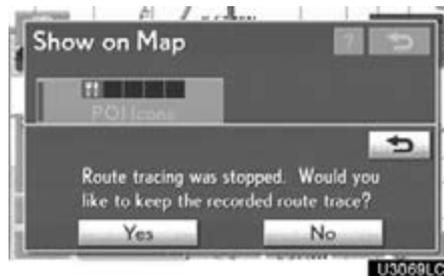
- To stop recording the route trace



1. Touch "Show on Map".



2. Touch "Route Trace". 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 4

NAVIGATION SYSTEM: MEMORY POINTS

- **Navigation settings** 111
 - Setting up the “Home” 112
 - Setting up the “Preset Destinations” 114
 - Setting up the “Address Book” 117
 - Setting up the “Areas to Avoid” 123
 - Deleting previous destinations 128

Navigation settings —

Points or areas on the map can be registered.

The registered points can be used on the “Destination” screen. (See “ — Destination search by Home” on page 65, “ — Destination search by Preset destinations” on page 65 and “ — Destination search by “Address Book”” on page 78.)

Registered areas are avoided at the time of route search.



1. Push the “SETUP” button.



2. Touch “Navi.”.



On this screen, the following operations can be performed.

| No. | Function |
|-----|---|
| 1 | Sets home (See page 112.) |
| 2 | Sets preset destinations (See page 114.) |
| 3 | Sets address book (See page 117.) |
| 4 | Sets area to avoid (See page 123.) |
| 5 | Deletes previous destinations (See page 128.) |
| 6 | Detailed navigation settings (See page 173.) |

— Setting up the “Home”

If home has been registered, that information can be recalled by using “Go Home” on the “Destination” screen. (See “— Destination search by Home” on page 65.)

1. Push the “SETUP” button.
2. Touch “Navi.” on the “Setup” screen.



3. Touch “Home”.



- Registering home (See page 112.)
- Editing home (See page 113.)
- Deleting home (See page 114.)

(a) Registering home

1. Push the “SETUP” button.
2. Touch “Navi.” on the “Setup” screen.
3. Touch “Home” on the “Navigation Settings” screen.



4. Touch “Set Home”.



5. Enter the location in the same way as for a destination search. (See “Destination search” on page 63.)

When registration of home is completed, the "Edit Home" screen will be displayed.



6. Touch "OK".

To edit registered information, see "(b) Editing home" on page 113.

(b) Editing home

1. Push the "SETUP" button.
2. Touch "Navi." on the "Setup" screen.
3. Touch "Home" on the "Navigation Settings" screen.



4. Touch "Edit".



5. Touch "Edit" for the item you want to change.

"Name": To edit home name. The names can be displayed on the map. (See page 121.)

"Location": To edit location information. (See page 122.)

"Phone #": To edit telephone numbers. (See page 122.)

"Icon": To select icons to be displayed on the map. (See page 120.)

6. Touch "OK".

(c) Deleting home

1. Push the "SETUP" button.
2. Touch "Navi." on the "Setup" screen.
3. Touch "Home" on the "Navigation Settings" screen.



4. Touch "Delete".
5. To delete home, touch "Yes". To cancel the deletion, touch "No".

— Setting up the "Preset Destinations"

If preset destination has been registered, that information can be recalled by using "Preset Destination" on the "Destination" screen. (See "— Destination search by Preset destinations" on page 65.)

1. Push the "SETUP" button.
2. Touch "Navi." on the "Setup" screen.



3. Touch "Preset Destinations".



- Registering preset destination (See page 115.)
- Editing preset destination (See page 116.)
- Deleting preset destination (See page 117.)

(a) Registering preset destinations

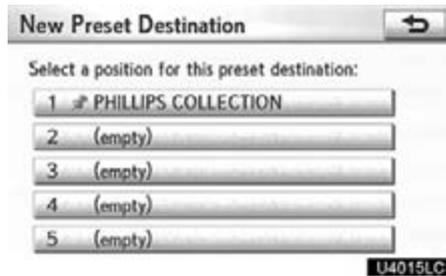
1. Push the "SETUP" button.
2. Touch "Navi." on the "Setup" screen.
3. Touch "Preset Destinations" on the "Navigation Settings" screen.



4. Touch "Set".

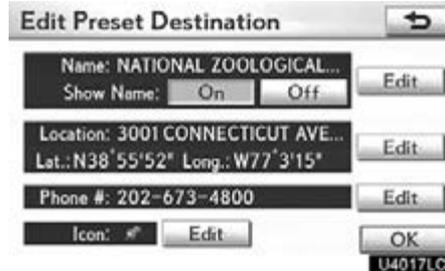


5. Enter the location in the same way as for a destination search. (See "Destination search" on page 63.)



6. Touch a position for this preset destination.

When registration of preset destination is completed, the "Edit Preset Destination" screen will be displayed.



7. Touch "OK".

To edit registered information, see "(b) Editing preset destinations" on page 116.

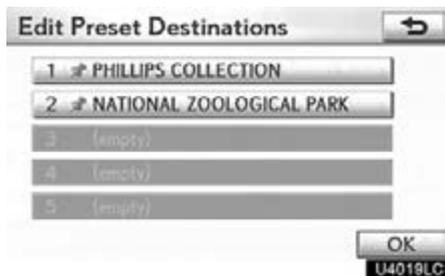
NAVIGATION SYSTEM: MEMORY POINTS

(b) Editing preset destinations

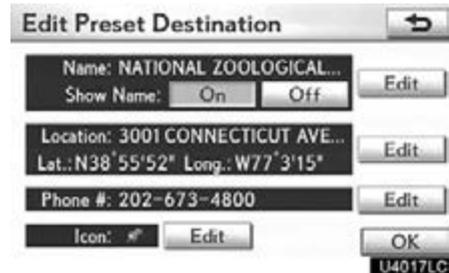
1. Push the "SETUP" button.
2. Touch "Navi." on the "Setup" screen.
3. Touch "Preset Destinations" on the "Navigation Settings" screen.



4. Touch "Edit".



5. Touch the button of the desired preset destination.



6. Touch "Edit" for the item you want to change.

"Name": To edit preset destination names. The names can be displayed on the map. (See page 121.)

"Location": To edit location information. (See page 122.)

"Phone #": To edit telephone numbers. (See page 122.)

"Icon": To select icons to be displayed on the map. (See page 120.)

7. Touch "OK".

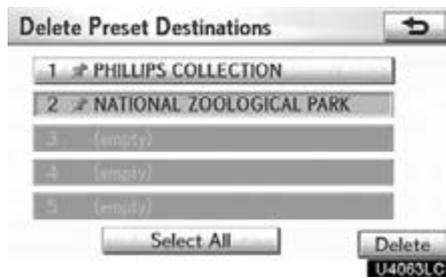
(c) Deleting preset destinations

1. Push the "SETUP" button.
2. Touch "Navi." on the "Setup" screen.
3. Touch "Preset Destinations" on the "Navigation Settings" screen.



U4020LC

4. Touch "Delete".



U4063LC

5. Touch the preset destination for deletion.

"Select All": To select all preset destinations on the list.

"Unselect All": To unselect all of the selected preset destinations.

6. Touch "Delete".
7. To delete preset destination, touch "Yes". To cancel the deletion, touch "No".

— Setting up the "Address Book"

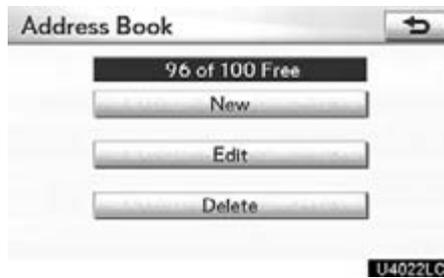
Points or areas on the map can be registered.

1. Push the "SETUP" button.
2. Touch "Navi." on the "Setup" screen.



U4021LC

3. Touch "Address Book".



U4022LC

- Registering address book entries (See page 118.)
- Editing address book entries (See page 119.)
- Deleting address book entries (See page 123.)

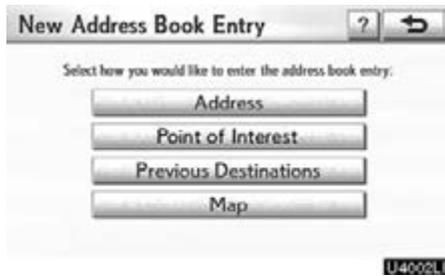
NAVIGATION SYSTEM: MEMORY POINTS

(a) Registering address book entries

1. Push the "SETUP" button.
2. Touch "Navi." on the "Setup" screen.
3. Touch "Address Book" on the "Navigation Settings" screen.

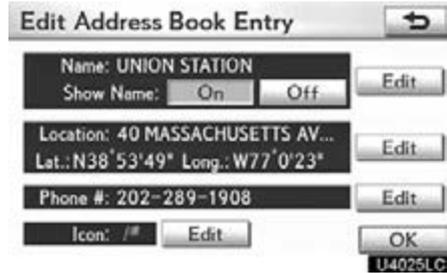


4. Touch "New".



5. Enter the location in the same way as for a destination search. (See "Destination search" on page 63.)

After the address book entry has been registered, the "Edit Address Book Entry" screen will be displayed.



6. Touch "OK".

To edit registered information, see "(b) Editing address book entries" on page 119.

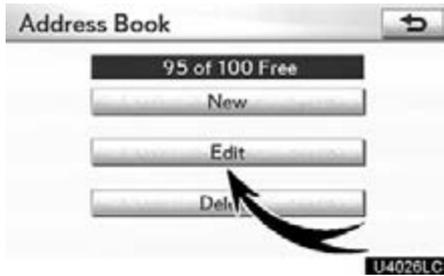
INFORMATION

Up to 100 address book entries can be registered.

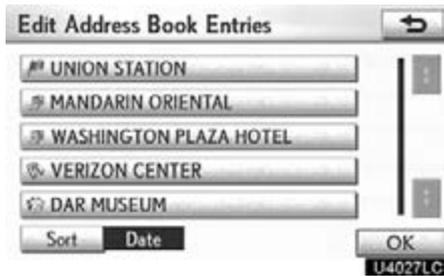
(b) Editing address book entries

The icon, name, location and/or telephone number of a registered address book entry can be edited.

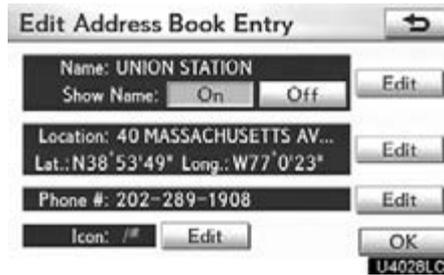
1. Push the “SETUP” button.
2. Touch “Navi.” on the “Setup” screen.
3. Touch “Address Book” on the “Navigation Settings” screen.



4. Touch “Edit”.



5. Touch the button of the desired address book entry.



6. Touch “Edit” for the item you want to change.

“Name”: To edit address book entry names. The names can be displayed on the map. (See page 121.)

“Location”: To edit location information. (See page 122.)

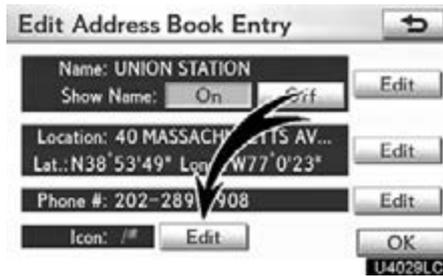
“Phone #”: To edit telephone numbers. (See page 122.)

“Icon”: To select icons to be displayed on the map. (See page 120.)

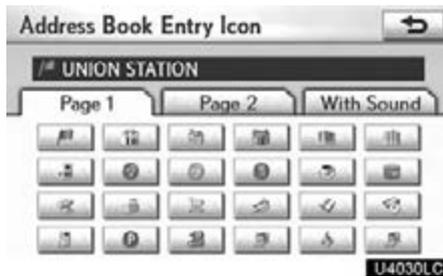
7. Touch “OK”.

NAVIGATION SYSTEM: MEMORY POINTS

- To change “Icon”



1. Touch “Edit” of “Icon”.



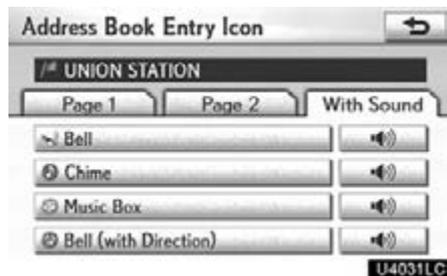
2. Touch the desired icon.

Change pages by touching “Page 1”, “Page 2” or “With Sound” tab.

SOUND ICONS

You can set a sound for some address book entries. When the vehicle approaches the location of the address book entry, the selected sound will be heard.

1. Touch “With Sound” on the “Address Book Entry Icon” screen.



2. Touch the desired sound icon.

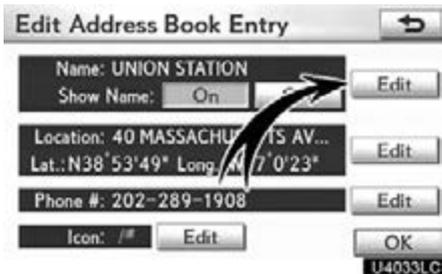
The next screen appears when “Bell (with Direction)” is touched.



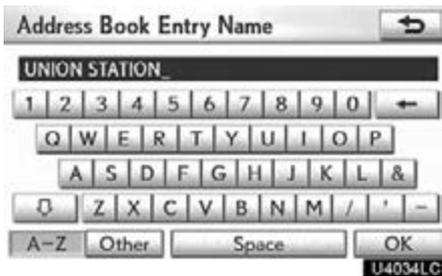
Touch either  or  to adjust the direction. Touch “OK”.

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

- To change “Name”



1. Touch “Edit” of “Name”.



2. Enter the name using the alphanumeric keys.

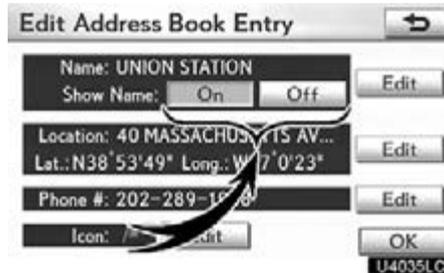
Up to 32 characters can be entered.

3. Touch “OK”.

The previous screen will be displayed.

DISPLAYING MEMORY POINT NAMES

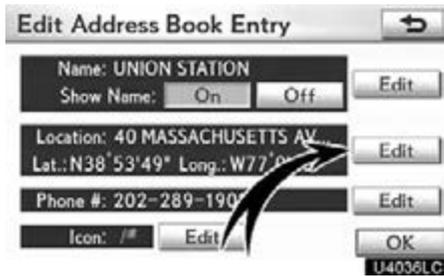
The name of an address book entry can be set to display on the map.



To show the name, touch “On” on the “Edit Address Book Entry” screen. To not show it, touch “Off”.

NAVIGATION SYSTEM: MEMORY POINTS

- To change “Location”



1. Touch “Edit” of “Location”.

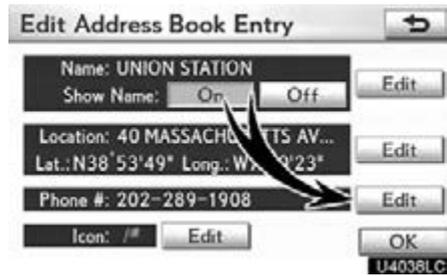


2. Touch one of the 8 directional buttons to move the cursor  to the desired point on the map.

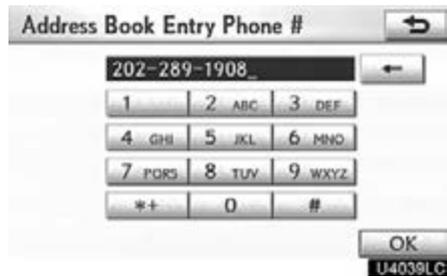
3. Touch “OK”.

The previous screen will be displayed.

- To change “Phone #” (telephone number)



1. Touch “Edit” of “Phone #”.



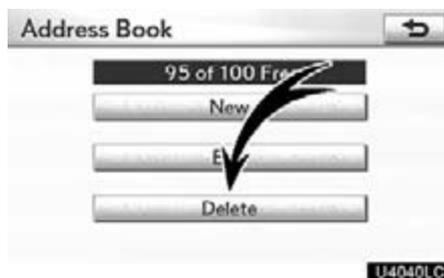
2. Enter the number using number keys.

3. Touch “OK”.

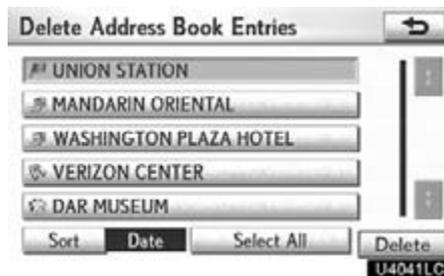
The previous screen will be displayed.

(c) Deleting address book entries

1. Push the “SETUP” button.
2. Touch “Navi.” on the “Setup” screen.
3. Touch “Address Book” on the “Navigation Settings” screen.



4. Touch “Delete”.



5. Touch the button to be deleted.
 - “Select All”: To select all addresses in the address book.
 - “Unselect All”: To unselect all of the selected addresses.
6. Touch “Delete”.
7. To delete the address book entry, touch “Yes”. To cancel the deletion, touch “No”.

— Setting up the “Areas to Avoid”

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

1. Push the “SETUP” button.
2. Touch “Navi.” on the “Setup” screen.



3. Touch “Areas to Avoid”.



- Registering areas to avoid (See page 124.)
- Editing areas to avoid (See page 125.)
- Deleting areas to avoid (See page 128.)

NAVIGATION SYSTEM: MEMORY POINTS

(a) Registering areas to avoid

1. Push the "SETUP" button.
2. Touch "Navi." on the "Setup" screen.
3. Touch "Areas to Avoid" on the "Navigation Settings" screen.



4. Touch "New".



5. Enter the location in the same way as for a destination search, or display the map of the area to be avoided. (See "Destination search" on page 63.)



6. Scroll the map to the desired point. "Adjust Location": To adjust the position in smaller increments.

7. Touch "Enter".



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

9. Touch "OK".

INFORMATION

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

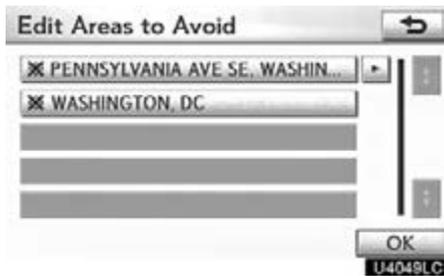
(b) Editing area to avoid

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

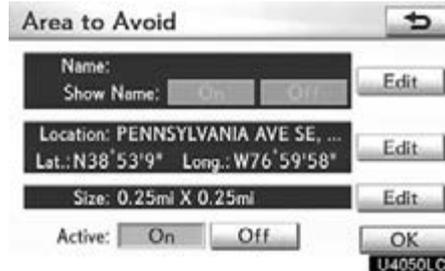
1. Push the "SETUP" button.
2. Touch "Navi." on the "Setup" screen.
3. Touch "Areas to Avoid" on the "Navigation Settings" screen.



4. Touch "Edit".



5. Touch the desired area button.



6. Touch "Edit" for the item you want to change.

"Name": To edit the name of the area to avoid. The names can be displayed on the map. (See page 126.)

"Location": To edit area location. (See page 127.)

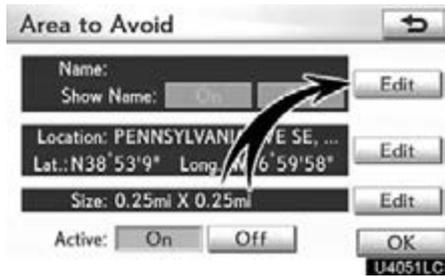
"Size": To edit area size. (See page 127.)

"Active": To turn on or off the area to avoid feature. To turn on the feature, touch "On" on the "Area to Avoid" screen. To turn off the feature, touch "Off" on the "Area to Avoid" screen.

7. Touch "OK".

NAVIGATION SYSTEM: MEMORY POINTS

- To change “Name”



1. Touch “Edit” of “Name”.



2. Enter the name using alphanumeric keys.

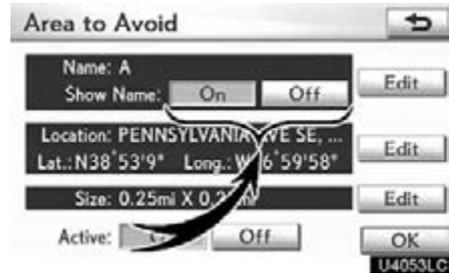
Up to 32 characters can be entered.

3. Touch “OK”.

The previous screen will be displayed.

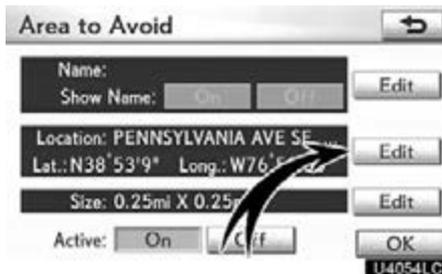
DISPLAYING NAMES OF AREAS TO BE AVOIDED

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



To show the name, touch “On” on the “Area to Avoid” screen. To not show it, touch “Off”.

- To change “Location”



1. Touch “Edit” of “Location”.

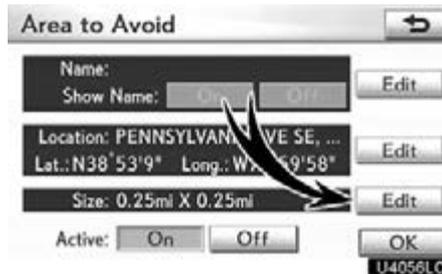


2. Touch the 8 directional button to move the cursor  to the desired point on the map.

3. Touch “OK”.

The previous screen will be displayed.

- To change “Size”



1. Touch “Edit” of “Size”.



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

3. Touch “OK”.

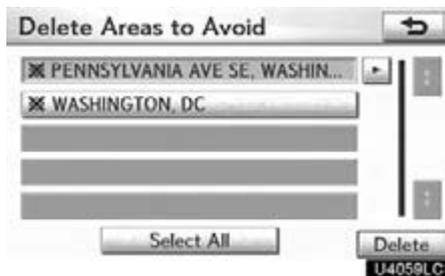
The previous screen will be displayed.

(c) Deleting areas to avoid

1. Push the “SETUP” button.
2. Touch “Navi.” on the “Setup” screen.
3. Touch “Areas to Avoid” on the “Navigation Settings” screen.



4. Touch “Delete”.



5. Touch the button to be deleted.

“**Select All**”: To select all registered areas to avoid in the system.

“**Unselect All**”: To unselect all registered areas to avoid in the system.

6. Touch “Delete”.

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

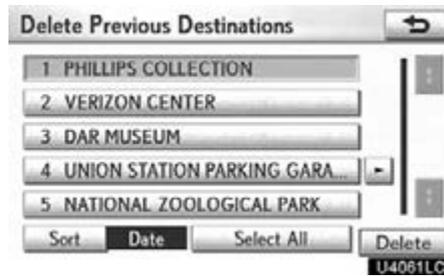
— Deleting previous destinations

The previous destination can be deleted.

1. Push the “SETUP” button.
2. Touch “Navi.” on the “Setup” screen.



3. Touch “Delete Previous Dest.”.



4. Touch the button you want to delete.

“**Select All**”: To select all previous destinations in the system.

“**Unselect All**”: To unselect all previous destinations in the system.

5. Touch “Delete”.



6. To delete the destination, touch "Yes". To cancel the deletion, touch "No".

SECTION 5

INFORMATION

- [Calendar](#) 131

Calendar

To view calendar.



1. Push the "INFO/PHONE" button.



2. Touch "Calendar".



On this screen, blue line appear under the current date.

▲ 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).

SECTION 6

LEXUS ENFORM WITH SAFETY CONNECT

- [Lexus Enform with Safety Connect–Overview](#) 133
- [Destination Assist](#) 136
- [eDestination](#) 139
- [XM® Sports and Stocks](#) 142
- [XM NavWeather™](#) 147
- [XM® NavTraffic](#) 152
- [Lexus Insider](#) 154

Lexus Enform with Safety Connect—Overview

Lexus Enform and Safety Connect are subscription-based telematics services that use Global Positioning System (GPS) data, embedded cellular technology and XM® satellite data services to provide safety and security as well as convenience features to subscribers.

Lexus Enform and Safety Connect services are supported by Lexus' designated response center, which operates 24 hours per day, 7 days per week.

Lexus Enform service is available by subscription on select, telematics hardware-equipped vehicles.

With an active Lexus Enform subscription, the following features are available:

- **Safety Connect features** (See your vehicle Owner's Manual, Section 3 for details.)
 - Automatic collision notification*1
 - Stolen vehicle location
 - Emergency assistance button (SOS)
 - Roadside assistance
- **Destination Assist** (see page 136)
- **eDestination** (see page 139)
- **XM® Sports and Stocks***2 (see page 142)
- **XM NavWeather™***3 (see page 147)
- **XM® NavTraffic***3 (see page 152)

The following navigation-based Lexus Enform features are available without a subscription:

- **Lexus Insider** (see page 154)
- **Voice Command** (see page 44)

*1: U.S. Patent No. 7,508,298 B2

*2: Available at no extra charge with an active XM® satellite radio subscription.

*3: Available via separate XM® subscription(s).

LEXUS ENFORM WITH SAFETY CONNECT

- **Subscription**

After you have signed the Telematics Subscription Service Agreement and are enrolled, you can begin receiving services. A variety of subscription terms is available for purchase. Contact your Lexus dealer, call 1-800-25-LEXUS (1-800-255-3987), or touch the “Destination Assist” button (see page 136) in your vehicle for further subscription details.

XM® NavTraffic and XM NavWeather™ require separate XM® subscription(s). XM® Sports and Stocks is available with an XM® Satellite Radio subscription. After a 90-day free trial, you must set up the appropriate XM® subscription(s) to continue receiving these services.

- **Availability of service(s)**

Lexus Enform premium services Destination Assist and eDestination will function in the contiguous 48 states and D.C. These services may also function in Hawaii and limited areas of Alaska for vehicles that contain map data for those states. They will not function in Canada or in other countries outside the United States.

Lexus Insider and XM® services will function in the contiguous 48 states and Canada. They will not function in Hawaii, Alaska, or countries outside of the U.S other than Canada.

The XM® NavTraffic, XM NavWeather™, and XM® Sports and Stocks services are available in the contiguous 48 U.S. states and Canada. For details about the XM® service coverage areas, refer to www.xmradio.com or call XM® Listener Care Center at 1-877-515-3987.

- **Activation of service(s)**

Enrollment in Lexus Enform with Safety Connect (via your dealership) is required to activate all Enform services.

To receive XM® NavTraffic, XM NavWeather™, and XM® Sports and Stocks services, the XM® service must be activated. To activate the service, call the XM® Listener Care Center at 1-877-515-3987.

Customers should have their radio ID ready. The radio ID can be found by selecting “channel 000” on the radio. For details, refer to the “Using the radio” of “Owner’s Manual”.

XM® Satellite Radio is responsible for all fees and services, which are subject to change.

 **CAUTION**

Exposure to radio frequency signals: The Lexus Enform with Safety Connect system installed in your vehicle is a low power radio transmitter and receiver. The system receives and also sends out radio frequency (RF) signals.

In August 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for mobile wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies.

- ANSI (American National Standards Institute) C95.1 [1992]
- NCRP (National Council on Radiation Protection and Measurement) Report 86 [1986]
- ICNIRP (International Commission on Non-Ionizing Radiation Protection) [1996]

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. Over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

The design of Lexus Enform with Safety Connect complies with the FCC guidelines in addition to those standards.

INFORMATION

- *Available beginning Fall 2009 on select Lexus models. Contact with the Lexus Enform response center is dependent upon the telematics device being in operative condition, cellular connection availability, navigation map data, and GPS satellite signal reception, which can limit the ability to reach the response center or receive support. Enrollment and Telematics Subscription Service Agreement required. A variety of subscription terms is available; charges vary by subscription term selected.*
- *The Lexus Enform response center will offer support in multiple languages.*
- *Select Lexus Enform-subscribed vehicles are capable of communicating vehicle information, triggering owner reminder notifications.*
Owners who do not wish to have their vehicle transmit this information can opt out of the service at the time of enrollment or by calling 1-800-255-3987 and follow the prompt for Safety Connect/Lexus Enform.
- *For further details about the service, contact your Lexus dealer.*
- *Lexus Enform with Safety Connect services are not subject to section 255 of the Telecommunications Act and the device is not TTY compatible.*

Destination Assist

Destination Assist provides you with live assistance for finding destinations via the Lexus Enform response center. You can request either a specific business, address, or ask for help locating your desired destination by category, such as restaurants, gas stations, shopping centers or other points of interest (POI).

After you tell the agent your choice of destination, its coordinates are sent wirelessly to your vehicle's navigation system.

- **Make a call with Destination Assist**



1. Push the "DEST" button.



2. Touch "Destination Assist".

"Destination Assist" screen is displayed on the screen.



3. Touch "Call Dest. Assist" to contact an agent.



4. When an agent comes on the line, tell the agent the address, business name, or the type of POI or service you would like to locate.

To adjust the call volume, touch “-” or “+” on the “Destination Assist” screen, or use the volume switch on the steering wheel during the call.

You can end the call at any time by touching the “**Disconnect**” button on the “Destination Assist” screen or the steering-wheel phone on-hook (hang-up) switch.

After the agent helps you determine your location of choice, he or she will place you on hold briefly and wirelessly send the POI to your vehicle’s navigation system. The agent will then instruct you to either touch “**Go to**” or “**Enter**” on the navigation screen in order to save the destination. The agent will then end the call.

5. Touch “Go to” or “Enter” to set the location as a destination, receive navigation guidance via your navigation system and to save the destination to Destination Assist folder for future reference.

● **Destination Assist History**

Locations you receive via Destination Assist will be saved to the navigation system. Up to 100 destinations can be stored in the Destination Assist history.

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



3. Touch “Dest. Assist History”.



4. Select the desired location in order to display its data and be able to be set it as a destination.

Touch “Sort” to sort the locations by either date or name.

DELETE DESTINATION ASSIST HISTORY

You can delete destinations from your history.



1. Touch “Delete” on the “Destination Assist History” screen.



2. Touch the individual destination you would like to delete or “Select All”.
3. Touch “Delete” on the screen.

eDestination

With the eDestination feature, you can go online, via the Lexus.com owner's Web site, to select and organize destinations of your choice and then wirelessly send them to your vehicle's navigation system. You can store up to 200 locations online to access and update at any time.

Your locations can be organized into up to 20 personalized folders.

You must first go online at www.lexus.com and go to the "Owners" section where you will need to register and log in. After this, you can create your personalized folders containing the locations you wish to send to your vehicle. (See Lexus Enform Guide for more information.)

- **Download eDestinations**

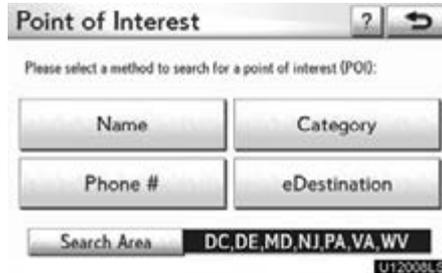
After updating your eDestination folders online, you will need to download the information to update the data in the vehicle.



1. Push the "DEST" button.



2. Touch "Point of Interest".



3. Touch "eDestination".

"eDestination" screen is displayed on the screen.



- Set an eDestination in the navigation system for guidance
1. Push the “DEST” button.
 2. Touch “Point of Interest” on the “Destination” screen.
 3. Touch “eDestination” on the “Point of Interest” screen.

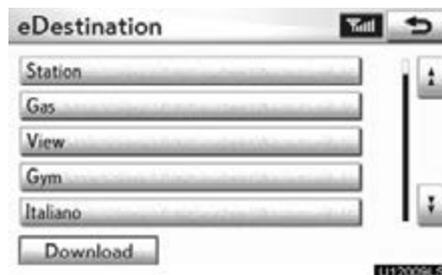
4. Touch “Download”.



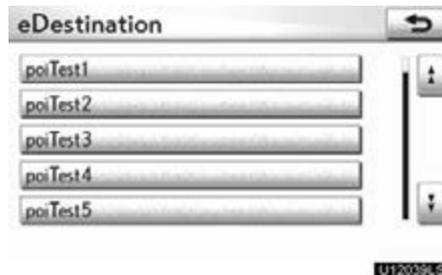
5. Touch “Yes” to confirm or “No” to cancel download.



When “Yes” is touched, your most recent online eDestination data will be loaded to the navigation system.



4. Touch the desired eDestination folder.



5. Touch the desired location.



The POI will be shown on the map. You can touch the “Go to” button to set the POI as a destination with route directions. You can also touch the “Info.” button to display more information about the POI.

“Mark”: To mark the POI on the navigation map.
“Go to”: To set the POI as a destination with route directions.
“Detail”: To read the POI notes you entered online, if any.

XM® Sports and Stocks

XM® Sports and Stocks is a service included with XM® satellite radio subscriptions for Lexus Enform vehicles. With this service, you can receive updates via the navigation system on your personally selected sports teams and stocks.



The following operations can be performed.

(a) XM Sports

- **Receive sports information** (See page 143.)
- **XM Sports settings** (See page 143.)

(b) XM Stocks

- **Receive stock data** (See page 145.)
- **XM Stocks settings** (See page 146.)

1. Push the “INFO/PHONE” button.



U609-4L

2. Touch “XM Sports” or “XM Stocks”.

“XM Sports” or “XM Stocks” screen is displayed on the screen.

(a) XM Sports

You must first add your desired teams prior to receiving information. (See page 144.)

● **Receive sports information**

1. Push the “INFO/PHONE” button.
2. Touch “XM Sports” on the “Information” screen.



UI12024L6

3. Touch the desired team for which you would like to receive information.

Teams for which there is no current data available will be shaded out and you will not be able to select them.



UI12025L6

4. Touch the specific information you would like to receive or touch “Read All” to receive all available information for that team.

The selected information will be read in its entirety.

● **XM Sports settings — Add or delete teams**

To input your personalized XM Sports team.

1. Push the “INFO/PHONE” button.
2. Touch “XM Sports” on the “Information” screen.



UI12026L6

3. Touch “Options”.



UI12027L6

Please refer to the following pages for each setting.

You can also input your personalized XM Sports team from the “Setup” screen. (See “Other settings” on page 187.)

ADD SPORTS TEAM



UI2027LE

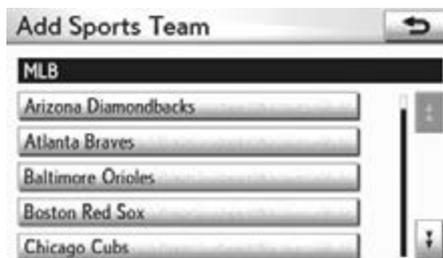
1. Touch “Add Sports Team”.

Up to 5 teams can be added and saved in the system for which you will receive information. You can change your teams at any time. Teams must be added one at a time.



UI2028LE

2. Touch the sporting league of the team you would like to enter.



UI2029LE

3. Touch the name of the team you would like to add from the list that appears.



UI2044LE

4. Touch “Yes” to confirm or “No” to cancel.

DELETE SPORTS TEAMS



1. Touch "Delete Sports Teams".



2. Touch the sports team that you would like to delete or touch "Select All" to delete all teams.

3. Touch "Delete".



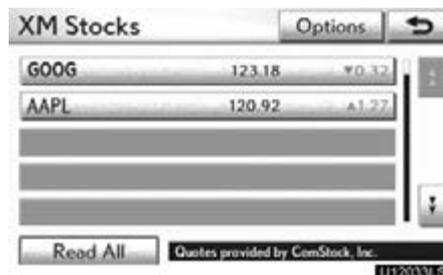
4. Touch "Yes" to confirm or "No" to cancel.

(b) XM Stocks

You must first add your desired stocks prior to receiving data. (See page 146.)

● **Receive stock data**

1. Push the "INFO/PHONE" button.
2. Touch "XM Stocks" on the "Information" screen.



3. Touch the individual stock for which you would like to receive verbal data or touch "Read All".

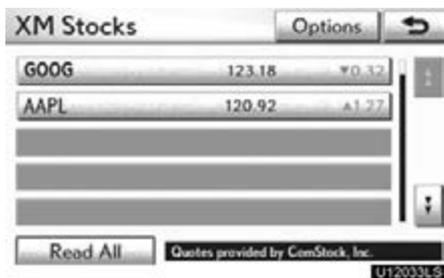
The available chosen data will be read in its entirety.

Stock data may be delayed by up to 15 minutes.

- **XM Stocks settings — Add or delete stocks**

To input your personalized XM Stocks settings.

1. Push the “INFO/PHONE” button.
2. Touch “XM Stocks” on the “Information” screen.



3. Touch “Options”.



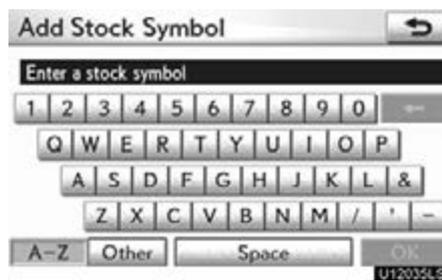
Please refer to the following pages for each setting.

You can also input your personalized XM Stocks settings from the “Setup” screen. (See “Other settings” on page 187.)

ADD STOCK



1. Touch “Add Stock”.



2. Input the stock symbol you would like to add.

3. When finished, touch “OK” to enter.

You can enter and save up to 10 individual stock symbols for which you would like to receive data. Stocks must be input one at a time. You must know the symbol of the stock you wish to enter.

DELETE STOCKS



1. Touch "Delete Stocks".



2. Touch the stock you would like to delete or touch "Select All".

3. Touch "Delete".



4. Touch "Yes" to confirm or "No" to cancel.

XM NavWeather™

The subscription-based XM NavWeather™ service allows the navigation system to display weather information on the map. See page 134 for subscription information. The following operations can be performed.

- **Show XM NavWeather™ information**

Weather forecast information is displayed on the map. (See page 148.)

- **Weather information**

Weather information for the selected city is displayed. (See page 150.)

- **Weather warnings**

Weather warnings issued within an approximately 15.5 mile (25 km) radius around the vehicle are displayed on the warning screen. (See page 151.)

- Show XM NavWeather™ information



1. Push the “INFO/PHONE” button.



2. Touch “XM NavWeather”.

“XM NavWeather” screen is displayed on the screen.

XM NavWeather™ SCREEN



1 “Info.” button

When the city icon button is touched, the “Info.” button will be displayed on the screen. Touching this button displays the “Forecast” screen. (See page 150.)

2 City icon

When this button is touched, city names and the “Info.” button will be displayed on the upper part of the screen.

3 “Forecast” button

When this button is touched, the city selection screen will be displayed.



Touch a city to display weather information. Weather information of the selected city will be displayed. (See page 150.)

4 “Current Location” button

When the “Current Location” button is touched, a map of the vehicle’s current location will be displayed.

5 Zoom in/out button

The scale of the map can be changed. Three zoom levels can be selected; 16 miles (26 km), 30 miles (48 km) and 60 miles (97 km).

6 Weather icons and grids

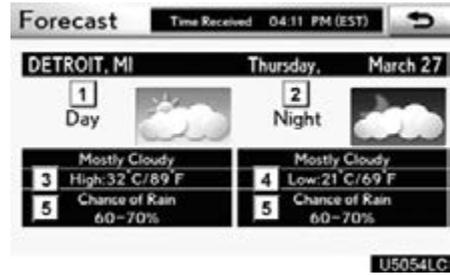
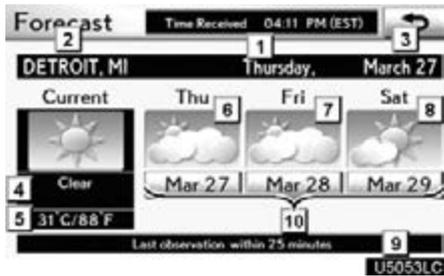
Inclement weather information is displayed on the map using weather icons and grids. Touching an icon shows the related information at the top of the screen.

| Icon | Weather |
|---|-----------|
|  | Tornado |
|  | Hurricane |
|  | Storm |
|  | Flood |
|  | Winter |
|  | Wind |
|  | Extremes |
|  | Other |

| Icon | Weather |
|--|-------------------------|
|  | Hail storm |
|  | Shear storm |
|  | Heavy fog |
|  | Heavy freezing rain/ice |
|  | Heavy snow |
|  | Heavy rain |

LEXUS ENFORM WITH SAFETY CONNECT

• **Weather information**



- 1 Received time
- 2 City name
- 3 Today's date
- 4 Current weather
- 5 Current temperature
- 6 Today's weather
- 7 Tomorrow's weather
- 8 Day after tomorrow's weather
- 9 Observed time
- 10 Specified day's weather

- 1 Daytime weather
- 2 Nighttime weather
- 3 Maximum temperature
- 4 Minimum temperature
- 5 Precipitation probability

When this button is touched, weather information for a specified day will be displayed.

- **Weather warnings**

Weather warnings issued within an approximately 15.5 mile (25 km) radius around the vehicle are displayed on the warning screen.

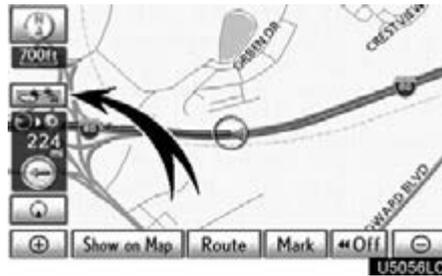


“Show Map”: When this button is touched, the “XM NavWeather” screen will be displayed.

“OK”: When this button is touched, the screen will return to the map of the current location.

This severe weather warning will display again if the severe weather is within an approximate 7.8 mile (12.5 km) radius around the vehicle.

- **XM NavWeather™ indicator**



When an XM NavWeather™ Warning is issued within the vicinity, the XM NavWeather™ indicator will appear on the screen.

XM® NavTraffic

The subscription-based XM® NavTraffic service allows the navigation system to display traffic information on the map.

See page 134 for subscription information.

The following operations can be performed.

- **Show XM® NavTraffic Information**

Traffic information is displayed on the map. (See page 152.)

- **Auto Avoid Traffic**

If any heavy congestion or moderate traffic has been detected on the guidance route, it may be possible for you to select another route offered by the system. (See page 176.)

- **Traffic Voice Guidance**

Traffic information is provided using voice guidance. (See page 172.)

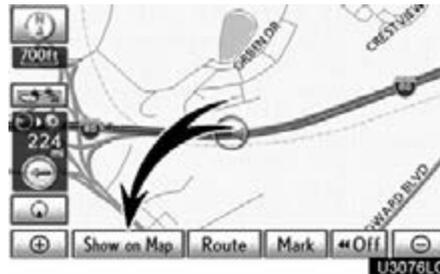
- **Show Free Flowing Traffic**

Freely flowing traffic is shown by the arrow on the map. (See page 177.)

INFORMATION

- *Traffic voice guidance is available only in English. To select English, see “● Selecting a language” on page 164.*
- *When the “Traffic Information” indicator is dimmed, “Auto Avoid Traffic”, “Traffic Voice Guidance” and “Show Free Flowing Traffic” will not operate.*

- **Show XM® NavTraffic information**

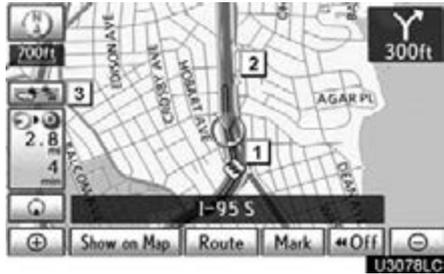


1. Touch “Show on Map”.

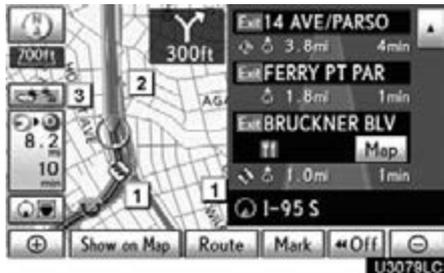


2. Touch “Traffic Information”. “Traffic Information” indicator is highlighted.

XM® NavTraffic information is displayed on the map.



► On Map screen



► On Freeway information screen

1 XM® NavTraffic icon

When any traffic information has been received, the XM® NavTraffic icon will appear on the map screen. Touching the XM® NavTraffic icon on the screen will start voice guidance for the traffic information. (See page 39.)

INFORMATION

When the XM® NavTraffic icon is selected, voice guidance for the traffic information will start even if "Off" for "Traffic Voice Guidance" is selected.

2 XM® NavTraffic information arrow

When any XM® NavTraffic information has been received, the XM® NavTraffic information arrow will appear on the map screen. The color of the arrow changes depending on the traffic information received.

"Orange": Heavy congestion

"Yellow": Moderate traffic

"Green": Freely flowing traffic

3 XM® NavTraffic indicator

When any XM® NavTraffic information has been received, the XM® NavTraffic indicator will appear on the screen. The color of the indicator changes depending on the traffic information received.

“White”: Traffic information has been received.

“Yellow”: Traffic restriction information on the guidance route has been received (screen button*).

“Orange”: Congestion information on the guidance route has been received (screen button*).

*: Touching the XM® NavTraffic indicator will start voice guidance.

Lexus Insider

Lexus Insider is an optional service that can send audio messages, or articles, to participating owners' vehicles via the navigation system. Potential Lexus Insider subjects might include, for example, Lexus vehicle technology tips, updates on regional Lexus events, or audio excerpts from Lexus Magazine articles. Up to 20 articles can be stored at a time.

You may opt out of receiving Lexus Insider messages at any time. (see page 157)

- View and play received Lexus Insider messages

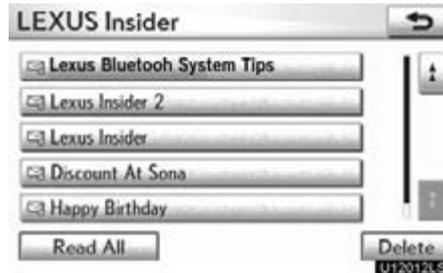


1. Push the "INFO/PHONE" button.



2. Touch "LEXUS Insider".

"LEXUS Insider" screen is displayed on the screen.



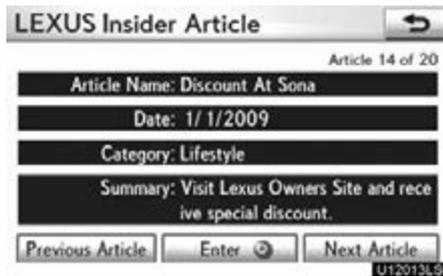
3. Touch the desired article title from the Lexus Insider menu to play that broadcast or touch "Read All" to listen to all stored Lexus Insider broadcasts.

To disrupt the audio read of Lexus Insider, push the "MODE" switch on the steering wheel or push the "AM·FM", "SAT", "DISC", "CD" or "AUX·USB" button on the audio system.

LEXUS ENFORM WITH SAFETY CONNECT

Icons appear at the left of the Lexus Insider story titles and indicate the following:

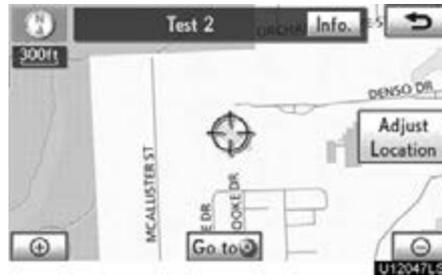
| Icon | Article |
|---|---|
|  | Unread article |
|  | Previously read article |
|  | Article with downloadable Point of Interest (POI) |



After selecting an individual article, you can then touch “**Next Article**” or “**Previous Article**” to listen to another article.

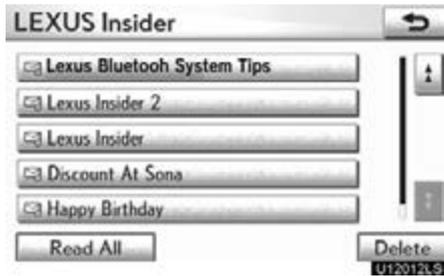
You can also use the “^” or “v” switch on the steering wheel to move to the previous or next article.

Some Lexus Insider stories will contain a downloadable POI relevant to the content. If it contains a POI, you can touch “**Enter** ” to download it to the navigation system.

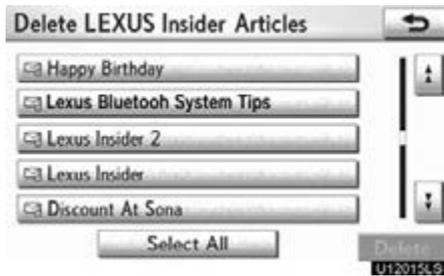


You can touch the “**Go to** ” button to set the POI as a destination with route directions.

DELETE LEXUS INSIDER ARTICLE



1. Touch "Delete" on the "LEXUS Insider" screen.



2. Touch the individual article title that you would like to delete or "Select All".

3. Touch "Delete" on the screen.

• **New article notification**

When the vehicle is first powered on and a new Lexus Insider article is available, a notification will appear on the navigation screen.

The notice will appear for only approximately 6 seconds unless you choose one of the options listed.



When the new article notification appears, you can select any of the following options.

"Listen Now":
Plays newly received Lexus Insider article(s).

"Ignore":
Removes notification screen without playing new articles.

"Remind Me Later":
Removes notification screen without playing articles. Notification will be displayed again when the vehicle is next powered on.

LEXUS ENFORM WITH SAFETY CONNECT

- **Lexus Insider settings**

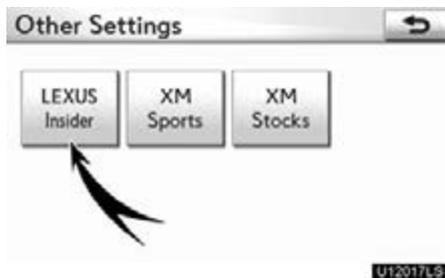
To change Lexus Insider settings, notification, and opt in or out of article receipt.



1. Push the “SETUP” button.

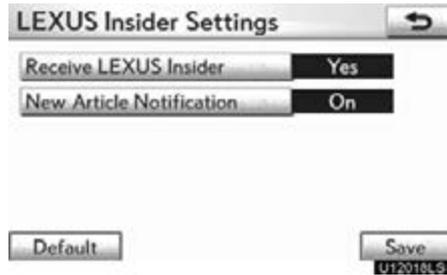


2. Touch “Other”.



3. Touch “LEXUS Insider”.

“LEXUS Insider Settings” screen is displayed on the screen.



Please refer to the following pages for each setting.

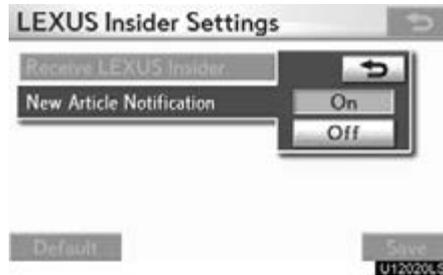
RECEIVE/OPT OUT OF LEXUS INSIDER



1. Touch "Receive LEXUS Insider".
2. Touch "Yes" to receive Lexus Insider articles or "No" to opt out of receiving articles.
3. Touch "Save".

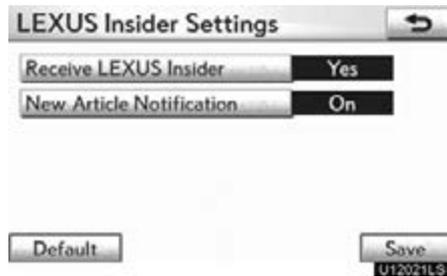
NEW ARTICLE NOTIFICATION

Automatic notification of new Lexus Insider articles is available and is the default setting.



1. Touch "New Article Notification".
2. Touch "On" or "Off".
3. Touch "Save".

RESTORE THE DEFAULT LEXUS INSIDER SETTINGS



1. Touch "Default".



2. Touch "Yes" to confirm or "No" to cancel.

SECTION 7

SETUP

- General settings 163
(Used for language selection and the on/off settings of operation sounds and automatic screen change.)
- Clock settings 168
(Used for changing time zones and the on/off settings of daylight saving time.)
- Voice settings 170
(Voice guidance can be set.)
- Navigation settings 173
(“Home” and “Preset Destinations” can be set and edited.)
- Detailed navigation settings 173
(Average cruising speed, displayed screen contents, and POI icon categories can be set.)
- Vehicle settings 182
(Vehicle information can be set.)
- Other settings 187
(Used for changing settings for Lexus Insider and XM® Sports and Stocks.)

General settings

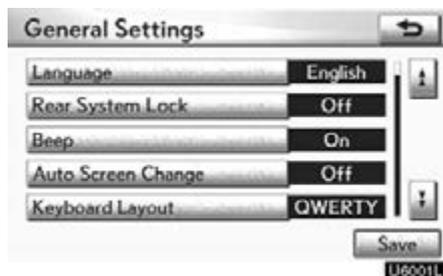
Used for language selection and the on/off settings of operation sounds and automatic screen change.



1. Push the "SETUP" button.



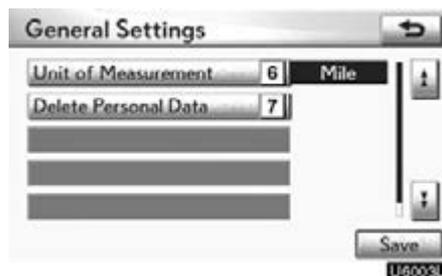
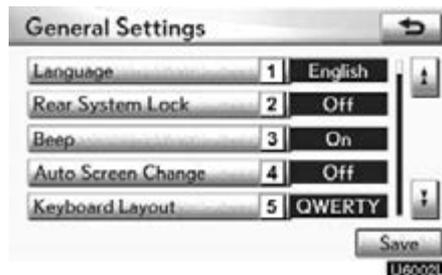
2. Touch "General".



3. Touch the items to be set.

4. Touch "Save".

SCREENS FOR GENERAL SETTINGS



On this screen, the following functions can be performed.

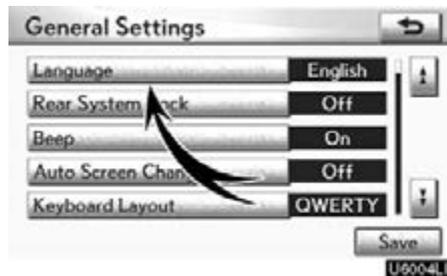
SETUP

| No. | Function |
|-----|---|
| 1 | You can change the language. (See “● Selecting a language” on page 164.) |
| 2 | Rear system lock* can be set to “On” or “Off”. (See “● Rear system lock” on page 165.) *: Vehicles with rear seat entertainment system |
| 3 | “On” or “Off” can be selected to sound beeps. |
| 4 | “On” or “Off” can be selected for automatic screen changes from the audio/air conditioner screen to the map. When “On” is selected, the screen will automatically return to the map from the audio/air conditioner screen after 20 seconds. |
| 5 | Keyboard layout can be changed. (See “● Selecting a keyboard layout” on page 165.) |
| 6 | Distance unit can be changed. (See “● Unit of measurement” on page 166.) |
| 7 | The personal data can be deleted. (See “● Delete personal data” on page 167.) |

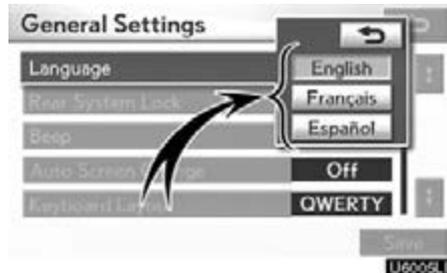
● Selecting a language

You can change the language.

1. Push the “SETUP” button.
2. Touch “General” on the “Setup” screen.



3. Touch “Language”.



4. Touch the desired button.

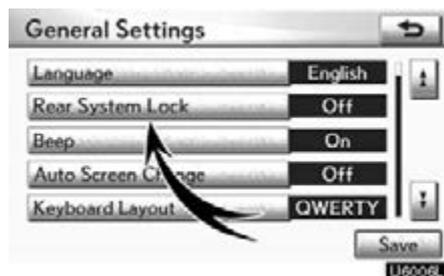
The previous screen will be displayed.

5. Touch “Save”.

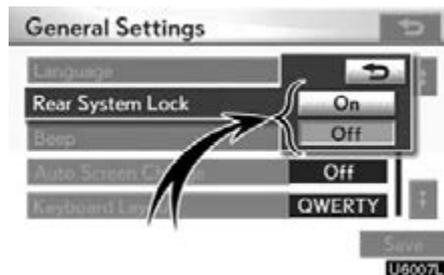
- **Rear system lock (with rear seat entertainment system)**

If the vehicle is equipped with the rear seat entertainment system, the rear seat entertainment system can be locked to prevent rear passengers from operating the entertainment system.

1. Push the “SETUP” button.
2. Touch “General” on the “Setup” screen.



3. Touch “Rear System Lock”.



4. Select “On” or “Off” and then touch “Save”.

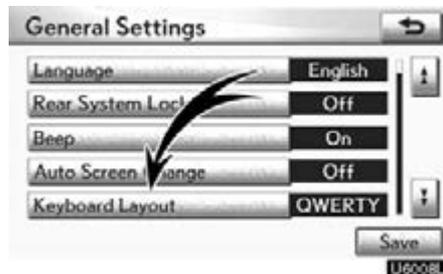
“On”: The rear passengers cannot operate the rear seat entertainment system. Only front passengers can operate the system.

“Off”: Both the front and rear passengers can operate the rear seat entertainment system.

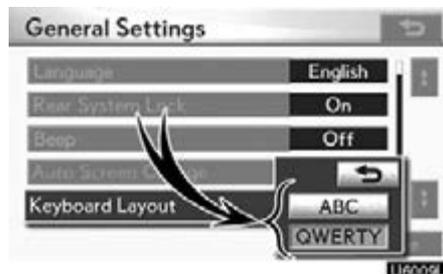
- **Selecting a keyboard layout**

Keyboard layout can be changed.

1. Push the “SETUP” button.
2. Touch “General” on the “Setup” screen.



3. Touch “Keyboard Layout”.

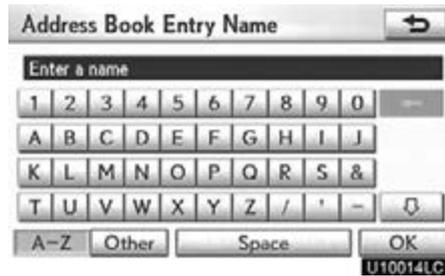


4. Touch “ABC” or “QWERTY” of “Keyboard Layout” to choose the keyboard layout.

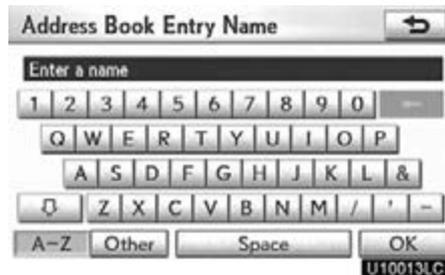
5. Touch “Save”.

SETUP

LAYOUT TYPE



► “ABC” type

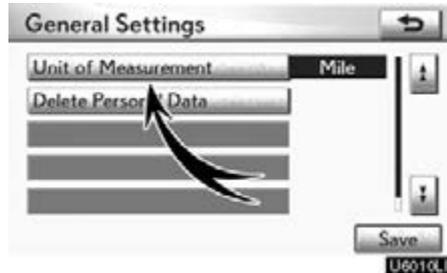


► “QWERTY” type

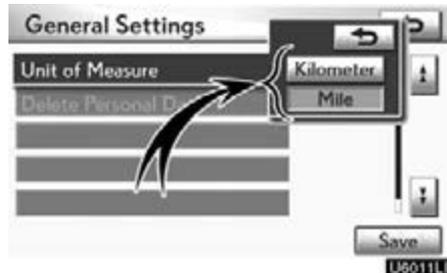
● Unit of measurement

Distance unit can be changed.

1. Push the “SETUP” button.
2. Touch “General” on the “Setup” screen.



3. Touch “Unit of Measurement”.



4. Touch “Kilometer” or “Mile”.
5. Touch “Save”.

INFORMATION

This function is available only in English or Spanish. To switch language, see “● Selecting a language” on page 164.

- **Delete personal data**

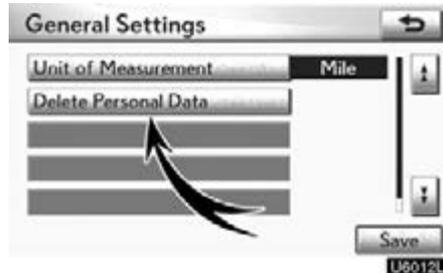
The following personal data can be deleted or returned to their default settings:

- Maintenance conditions
- Maintenance information “off” setting
- Address book
- Areas to avoid
- Previous points
- Route guidance
- Route trace
- Phonebook data
- Call history data
- Speed dial data
- Voice tag data
- Bluetooth® phone data
- Phone volume setting
- Details phone setting

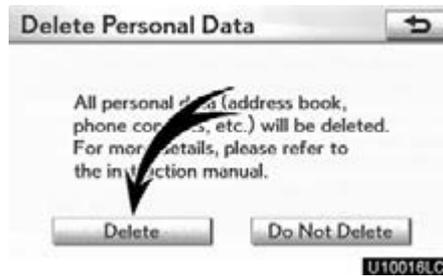
This function is available only when the vehicle is not moving.

1. Push the “SETUP” button.

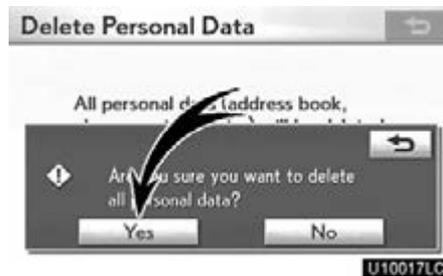
2. Touch “General” on the “Setup” screen.



3. Touch “Delete Personal Data”.



4. Touch “Delete”.



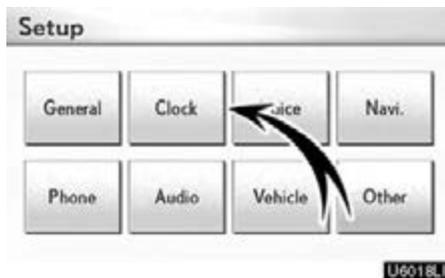
5. Touch “Yes”.

Clock settings

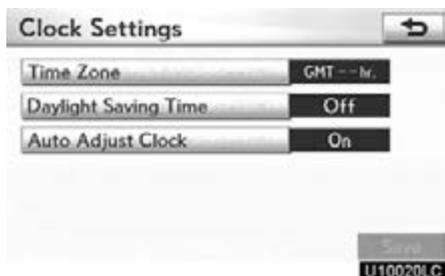
Used for changing time zones and the on/off settings of daylight saving time.



1. Push the “SETUP” button.



2. Touch “Clock”.



3. Touch the items to be set.

4. Touch “Save”.

SCREEN FOR CLOCK SETTINGS



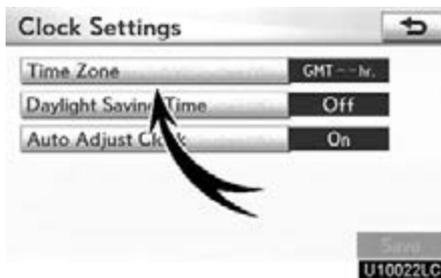
On this screen, the following functions can be performed.

| No. | Function |
|-----|---|
| 1 | Time zone can be changed. (See “● Time zone” on page 169.) |
| 2 | “On” or “Off” can be selected for daylight savings time. |
| 3 | “On” or “Off” can be selected for automatic adjustment of the clock. |
| 4 | When “Auto Adjust Clock” is turned “Off”, the clock can be manually adjusted. (See “● Manual clock setting” on page 169.) |

- **Time zone**

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

1. Push the “SETUP” button.
2. Touch “Clock” on the “Setup” screen.



3. Touch “Time Zone”.



4. Touch the desired time zone.

If you touch “Other”, adjust the zone manually.



5. Touch “OK”.

- **Manual clock setting**

When “Auto Adjust Clock” is turned “Off”, the clock can be manually adjusted.

1. Push the “SETUP” button.
2. Touch “Clock” on the “Setup” screen.



Hours “+”, “-”: Touch “+” to set the time forward one hour and “-” to set the time back one hour.

Minutes “+”, “-”: Touch “+” to set the time forward one minute and “-” to set the time back one minute.

Minutes “:00”: Rounds to the nearest hour*

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

3. Touch “Save”.

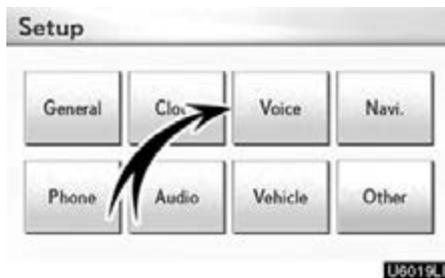
SETUP

Voice settings

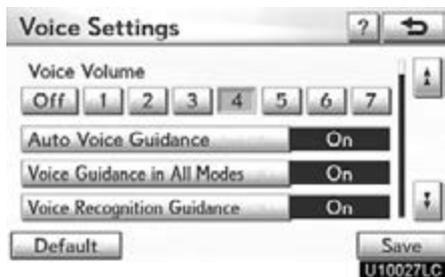
Voice guidance can be set.



1. Push the "SETUP" button.

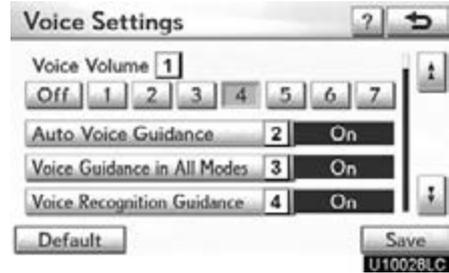


2. Touch "Voice".



3. Touch the items to be set.
4. Touch "Save".

SCREEN FOR VOICE SETTINGS



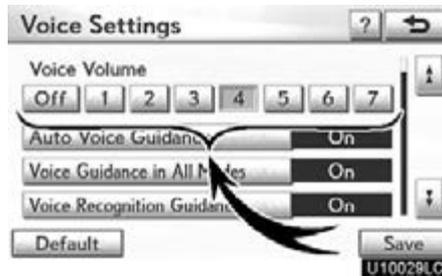
On this screen, the following functions can be performed.

| No. | Function |
|-----|--|
| 1 | The voice guidance volume can be adjusted or switched off. (See “● Voice volume” on page 171.) |
| 2 | Voice guidance during route guidance can be set to “On” or “Off”. |
| 3 | Voice guidance during audio system use can be set to “On” or “Off”. |
| 4 | Voice recognition talkback can be set to “On” or “Off”. |
| 5 | When “On” is selected, the voice command system can be operated without pressing the talk switch more than once. |
| 6 | When using the traffic information function, voice guidance can be set to “On” or “Off”. (See “● Traffic voice guidance” on page 172.) |
| 7 | When using the XM NavWeather™ function, severe weather warning can be set to “On” or “Off”. |
| 8 | Voice guidance projection can be set to the “Center” position or the “Driver” position. (See “● Voice guidance speaker” on page 172.) |

● **Voice volume**

The voice guidance volume can be adjusted or switched off.

1. Push the “SETUP” button.
2. Touch “Voice” on the “Setup” screen.



3. Select the desired level by touching the number.

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

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

4. Touch “Save”.

SETUP

- **Traffic voice guidance**

You can receive congestion information through voice guidance while being guided to your destination.

To turn the “Traffic Voice Guidance” on:

1. Push the “SETUP” button.
2. Touch “Voice” on the “Setup” screen.



3. Touch “On” of the “Traffic Voice Guidance”.
4. Touch “Save”.

INFORMATION

- *This function is available only in English. To select English, see “● Selecting a language” on page 164.*
- *When the “Traffic Information” indicator is dimmed, “Auto Avoid Traffic”, “Traffic Voice Guidance” and “Show Free Flowing Traffic” will not operate.*

- **Voice guidance speaker**

The projection position of voice guidance can be adjusted.

1. Push the “SETUP” button.
2. Touch “Voice” on the “Setup” screen.



3. Touch “Voice Guidance Speaker”.



4. Touch “Center” or “Driver”.
5. Touch “Save”.

Navigation settings

Points or areas on the map can be registered.



On this screen, the following operations can be performed.

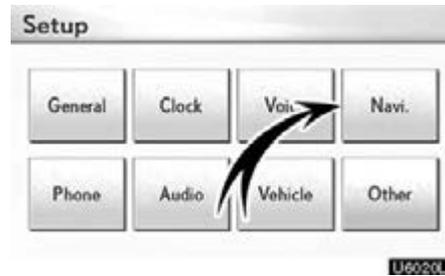
| No. | Function |
|-----|---|
| 1 | Sets home (See page 112.) |
| 2 | Sets preset destinations (See page 114.) |
| 3 | Sets address book (See page 117.) |
| 4 | Sets area to avoid (See page 123.) |
| 5 | Deletes previous destinations (See page 128.) |
| 6 | Detailed navigation settings (See page 173.) |

Detailed navigation settings

Average cruising speed, displayed screen contents, and POI icon categories can be set.



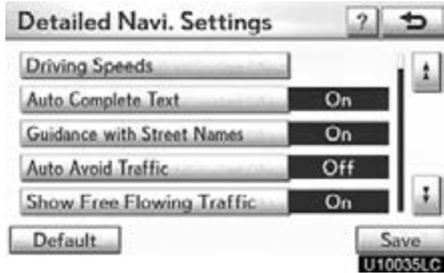
1. Push the "SETUP" button.



2. Touch "Navi.".

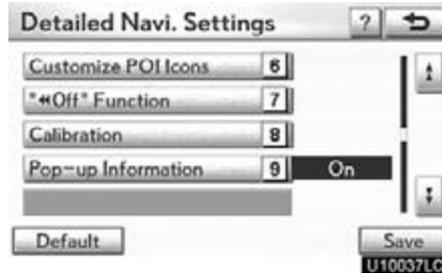
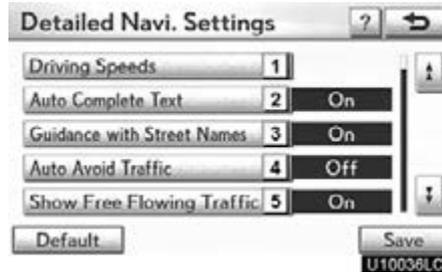


3. Touch "Detailed Navi. Settings".



4. Touch the items to be set.
5. Touch "Save".

SCREENS FOR NAVIGATION SETTINGS



On this screen, the following functions can be performed.

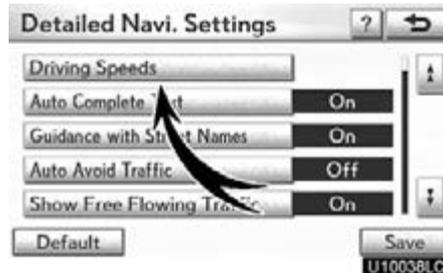
| No. | Function |
|-----|---|
| 1 | Average cruising speed can be set. (See "● Driving speeds" on page 175.) |
| 2 | The automatic input function can be set to "On" or "Off". |
| 3 | During route guidance, voice guidance for the next street name can be set to "On" or "Off". |
| 4 | "On" or "Off" can be selected to display cautionary messages when the route includes traffic restrictions or seasonally restricted roads. |
| 5 | When "On" is selected, freely flowing traffic can be shown with the arrow. |

| No. | Function |
|-----|---|
| 6 | Displayed POI icon categories can be set. (See “● POI category change (Select POI icons)” on page 178.) |
| 7 | Buttons displayed on the map screen when “◀◀Off” is selected can be set. (See “● Screen layout function (“◀◀Off” Function)” on page 179.) |
| 8 | The current vehicle position mark can be adjusted manually. Miscalculation of the distance caused by tire replacement can also be adjusted. (See “● Current position/tire change calibration” on page 179.) |
| 9 | Display of pop-up information can be set to “On” or “Off”. (See “● Pop-up information” on the page 181.) |

● **Driving speeds**

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

1. Push the “SETUP” button.
2. Touch “Navi.” on the “Setup” screen.
3. Touch “Detailed Navi. Settings” on the “Navigation Settings” screen.



4. Touch “Driving Speeds”.



5. Touch ◀ or ▶ to set the average vehicle speeds for “Residential”, “Main Streets”, and “Freeways”.

To set the default speeds, touch “Default”.

6. After setting of the desired speeds is completed, touch “Save”.

INFORMATION

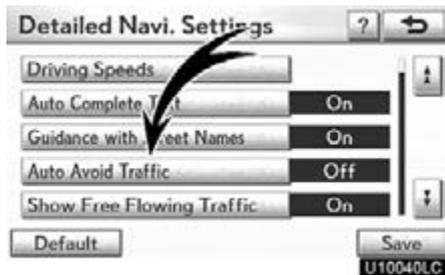
- *The displayed time to the destination is the approximate driving time that is calculated based on the selected speeds and the actual position along the guidance route.*
- *The time shown on the screen may vary greatly depending on progress along the route, which may be affected by conditions such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

• **Auto avoid traffic**

The guidance route automatically changes to another route to avoid heavy congestion.

To turn the “Auto Avoid Traffic” on:

1. Push the “SETUP” button.
2. Touch “Navi.” on the “Setup” screen.
3. Touch “Detailed Navi. Settings” on the “Navigation Settings” screen.



4. Touch “On” of the “Auto Avoid Traffic”.
5. Touch “Save”.



When congestion information about the guidance route has been received, a screen will appear to ask you whether to reroute to avoid the congestion.

If you wish to reroute, touch “Yes”. Another route to allow you to avoid the congestion will appear.

If you do not wish to reroute, touch “No”.

INFORMATION

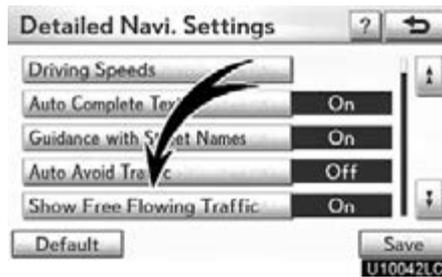
When the “Traffic Information” indicator is dimmed, “Auto Avoid Traffic”, “Traffic Voice Guidance” and “Show Free Flowing Traffic” will not operate.

● **Show free flowing traffic**

Freely flowing traffic is shown with the arrow.

To turn the “Show Free Flowing Traffic” on:

1. Push the “SETUP” button.
2. Touch “Navi.” on the “Setup” screen.
3. Touch “Detailed Navi. Settings” on the “Navigation Settings” screen.



4. Touch “On” of the “Show Free Flowing Traffic”.
5. Touch “Save”.

INFORMATION

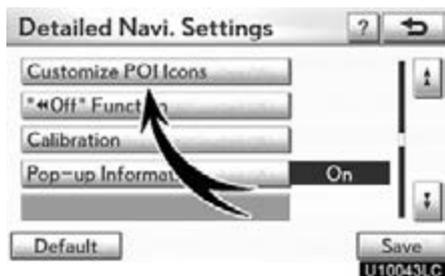
When the “Traffic Information” indicator is dimmed, “Auto Avoid Traffic”, “Traffic Voice Guidance” and “Show Free Flowing Traffic” will not operate.

SETUP

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

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

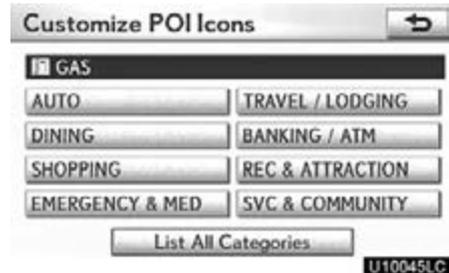
1. Push the “**SETUP**” button.
2. Touch “**Navi.**” on the “**Setup**” screen.
3. Touch “**Detailed Navi. Settings**” on the “**Navigation Settings**” screen.



4. Touch “**Customize POI Icons**”.



5. Touch the category button to be changed.



6. Touch the desired group.

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

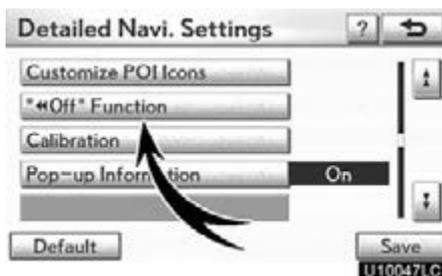


7. Touch the desired category.
8. Touch “**OK**”.

- **Screen layout function (“◀◀Off” Function)**

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

1. Push the “SETUP” button.
2. Touch “Navi.” on the “Setup” screen.
3. Touch “Detailed Navi. Settings” on the “Navigation Settings” screen.



4. Touch “◀◀Off” Function”.



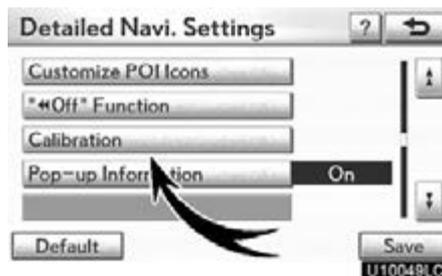
5. Touch the button to be turned off. The button becomes dimmed.
6. Touch “Save”.

To set the default, touch “Default”.

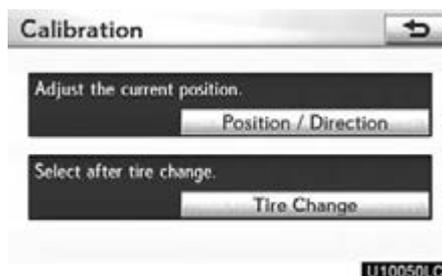
- **Current position/tire change calibration**

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

1. Push the “SETUP” button.
2. Touch “Navi.” on the “Setup” screen.
3. Touch “Detailed Navi. Settings” on the “Navigation Settings” screen.



4. Touch “Calibration”.



5. Touch the desired button.

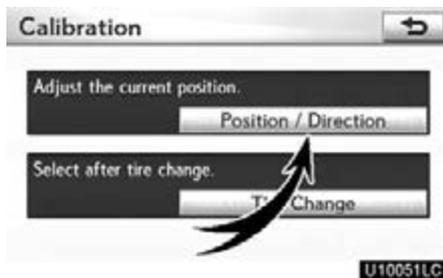
INFORMATION

For additional information on the accuracy of a current vehicle position, see “Limitations of the navigation system” on page 191.

SETUP

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.



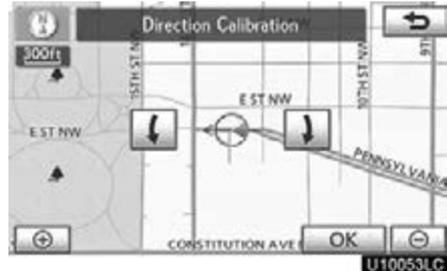
U100511LC

1. Touch "Position / Direction".



U100521LC

2. Touch the 8 directional button to move the cursor  to the desired point on the map.
3. Touch "OK".



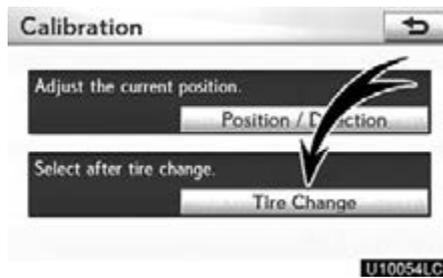
U100531LC

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

The map will be displayed.

TIRE CHANGE CALIBRATION

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



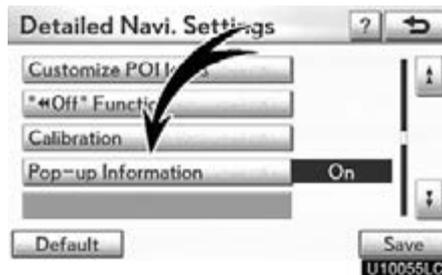
To perform a distance calibration procedure, touch “Tire Change” on the “Calibration” screen.

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

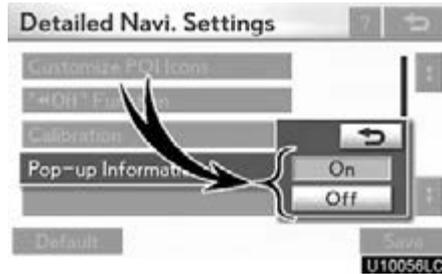
● **Pop-up information**

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

1. Push the “SETUP” button.
2. Touch “Navi.” on the “Setup” screen.
3. Touch “Detailed Navi. Settings” on the “Navigation Settings” screen.



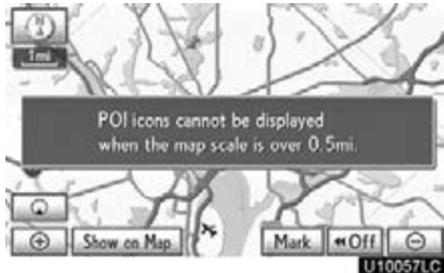
4. Touch “Pop-up Information”.



5. Touch “On” or “Off”.
6. Touch “Save”.

SETUP

When the “Pop-up Information” 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).



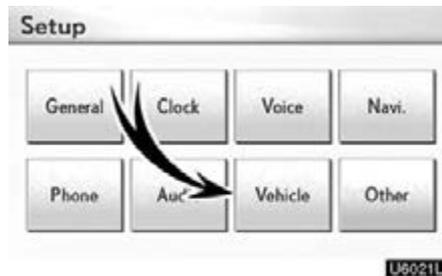
The message appears when the map is switched to the dual map screen mode.

Vehicle settings — — Maintenance

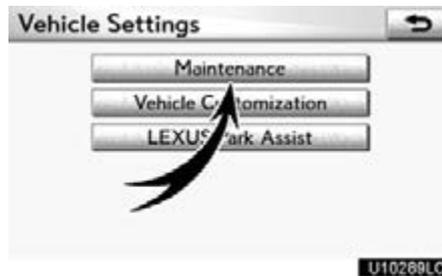
When the navigation system is turned on, the “Information” screen displays when it is time to replace a part or certain components. (See page 27.)



1. Push the “SETUP” button.



2. Touch “Vehicle”.



3. Touch “Maintenance”.



- Setting maintenance information (See page 183.)
- Setting dealer (See page 185.)

(a) Maintenance information setting

1. Push the “SETUP” button.
2. Touch “Vehicle” on the “Setup” screen.
3. Touch “Maintenance” on the “Vehicle Settings” screen.



4. Touch the desired button.

For details of each button, see “INFORMATION ITEMS” on page 184.

“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 dealer information. (See “ (b) Dealer setting” on page 185.)

“Dealer Info.”: To edit dealer information. (See “ (b) Dealer setting” on page 185.)

“Reminder”: When this button is touched, the indicator is illuminated. The system is set to give maintenance information with the “Information” screen. (See page 27.)

When the vehicle needs to be serviced, the button color will change to orange.

SETUP

INFORMATION ITEMS

- “**Engine oil**” : Replace engine oil
- “**Oil filter**” : Replace engine oil filter
- “**Rotation**” : Rotate tires
- “**Tires**” : Replace tires
- “**Battery**” : Replace battery
- “**Brake pad**” : Replace brake linings
- “**Wipers**” : Replace wiper blades
- “**Coolant**” : Replace engine coolant
- “**Brake oil**” : Replace brake fluid
- “**Trans. fluid**” : Replace transmission fluid
- “**Service**” : Scheduled maintenance
- “**Air filter**” : Replace air filter
- “**Personal**” : New information items can be created separately from provided ones.

The screenshot shows a digital display for 'Oil Change' maintenance. It features three input fields: 'Date: M/D/Y / / 20' with an 'Edit' button, 'Distance: mi' with an 'Edit' button, and 'Remaining: mi'. An 'OK' button is located at the bottom right, and a small display at the very bottom shows 'U10237LC'.

5. Input the conditions.

“Date”: The next maintenance date can be input.

“Distance”: The driving distance until the next maintenance check can be input.

“Delete”: To cancel the date and distance conditions.

“Reset”: To reset the date and distance conditions.

6. Touch “OK”.

The screen then returns to the “Maintenance” screen.

INFORMATION

- *For scheduled maintenance information, please refer to the “Warranty and Services Guide/Owner’s Manual Supplement/Scheduled Maintenance”.*
- *Depending on driving or road conditions, the actual date and distance may differ from the stored date and distance in the system.*

(b) Dealer setting

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

1. Push the “SETUP” button.
2. Touch “Vehicle” on the “Setup” screen.
3. Touch “Maintenance” on the “Vehicle Settings” screen.



4. Touch “Set Dealer”.



5. If the dealer has not been registered, enter the location of the dealer in the same way as for a destination search. (See “Destination search” on page 63.)

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



6. Touch “Edit” for the item you want to change.

“Dealer”: To enter the name of a dealer. (See page 186.)

“Contact”: To enter the name of a dealer member. (See page 186.)

“Location”: To set a location. (See page 186.)

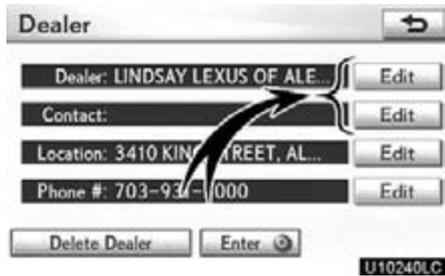
“Phone #”: To set a telephone number. (See page 187.)

“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 84.)

SETUP

- To edit “Dealer” or “Contact”



1. Touch “Edit” of “Dealer” or “Contact”.



2. Enter the name using the alphanumeric keys.

Up to 32 characters can be entered.

3. Touch “OK”.

The previous screen will be displayed.

- To edit “Location”



1. Touch “Edit” of “Location”.

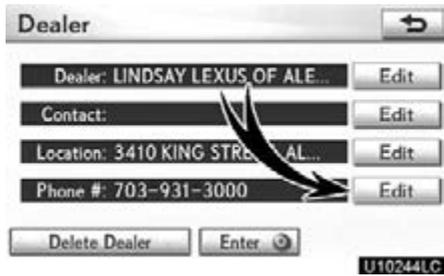


2. Touch the 8 directional button to move the cursor to the desired point on the map.

3. Touch “OK”.

The previous screen will be displayed.

- To edit “Phone #” (telephone number)



1. Touch “Edit” of “Phone #”.



2. Enter the number using number keys.

3. Touch “OK”.

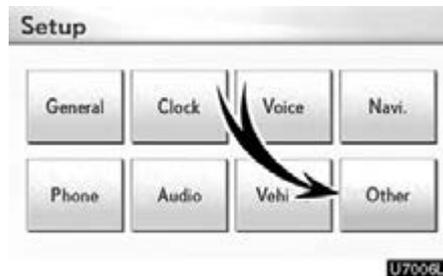
The previous screen will be displayed.

Other settings

Used for changing settings for Lexus Insider and XM® Sports and Stocks.

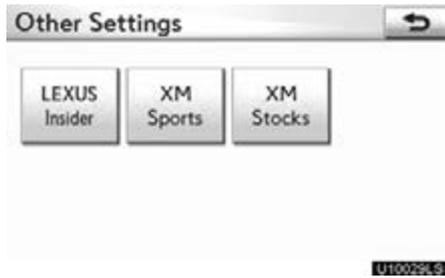


1. Push the “SETUP” button.



2. Touch “Other”.

SETUP



On this screen, the following functions can be performed.

| No. | Function |
|-----|---------------------------------------|
| 1 | Sets Lexus Insider (See page 154.) |
| 2 | Sets XM sports (See page 143.) |
| 3 | Sets XM stocks (See page 145.) |

SECTION 8

APPENDIX

- [Limitations of the navigation system](#) 191
- [Map database information and updates](#) 193

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 case 3 satellites. The GPS system has a certain level of inaccuracy. While the navigation system will compensate for this most of the time, occasional positioning errors of up to 300 feet (100 m) 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.

(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 tire chains installed.
- When the tires are worn.
- After replacing a tire or tires.
- When using tires that are smaller or larger than the factory specifications.
- When the tire pressure in any of the four tires is not correct.

(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.

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 179.

Map database information and updates —

After replacing a tire, implement the operation described in the “TIRE CHANGE CALIBRATION”. (See page 181.)

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

This system uses the maps of DENSO.

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There are two types of areas available for route guidance. In one type of area, primarily around metropolitan centers, detailed route guidance is available for the entire area. In the other type of area, all roads are displayed on the map but route guidance is limited. The navigation route might lack precision because the data (no right turns, one-way traffic, etc.) is not complete. It is still possible to reach the destination by following the arrow direction and distance as shown on the bottom left of the screen. The arrow points in the direction of the destination. The distance shown is as measured in a straight line from the current vehicle position to the destination area.

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.

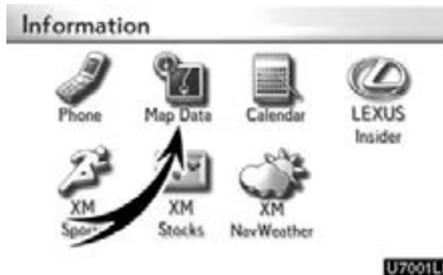
The map database is normally updated once a year. Contact your Lexus dealer for information about the availability and pricing of an update.

APPENDIX

- To confirm the database version and map coverage area



1. Push the "INFO/PHONE" button.



2. Touch "Map Data".



Make sure the version of the database on this screen.

To display the disc coverage area, touch "**Map Data Coverage**". Confirm the covered area on the screen.

Contact your Lexus dealer to find out if there is a more recent update released.

- Certification

For vehicles sold in Canada.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. This Category II radiocommunication device complies with Industry Canada Standard RSS-310.

L'utilisation de ce dispositif est autorisée seulement aux deux conditions suivantes: (1) il ne doit pas produire de brouillage, et (2) l'utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif. Ce dispositif de radiocommunication de catégorie II respecte la norme CNR-310 d'Industrie Canada.

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 - Destination search by
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Introduction

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

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

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

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

The system will provide both a visual map and audio instructions. The audio instructions will announce the distance remaining and the direction to turn in 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 191 through 192.

TOYOTA MOTOR CORPORATION

Important information about this manual

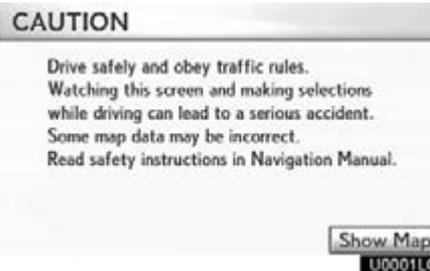
For safety reasons, this manual indicates items requiring particular attention with the following marks.

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

| |
|--|
| NOTICE |
| <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> |

| |
|---|
| INFORMATION |
| <i>This provides additional information.</i> |

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

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



CAUTION

- For safety, the driver should not operate the navigation system while he/she is driving. Insufficient attention to the road and traffic may cause an accident.
- While driving, be sure to obey the traffic regulations and maintain awareness of the road conditions. If a traffic sign on the road has been changed, route guidance may provide incorrect 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 states/provinces may have laws prohibiting the use of video and navigation screens next to the driver.

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Quick
Guide

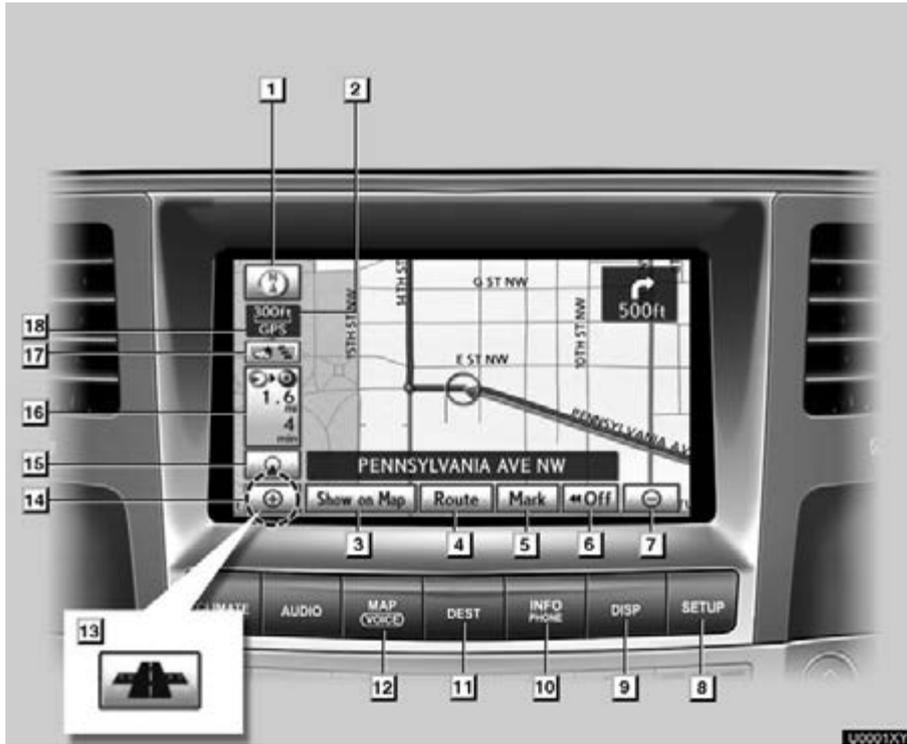
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*: Point of Interest

| | | |
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| | Limitations of the navigation system | 191 |
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| | Index | 204 |

**Quick guide —
— Overview buttons and guidance screen**



| No. | Name | Function | Page |
|-----|-------------------------------|--|----------|
| 1 | North-up or heading-up symbol | This symbol indicates a map view with north-up or heading-up. Touching this symbol changes the map orientation. | 43 |
| 2 | Scale indicator | This figure indicates the map scale. | 42 |
| 3 | “Show on Map” | Touch this button to browse information about guidance route, to set the Points of Interest to be displayed on the screen, or to record the route. | 103, 152 |
| 4 | “Route” | Touch this button to change the route. | 95, 97 |
| 5 | “Mark” | Touch this button to register the current position or the cursor position as an address book entry. | 35 |

| No. | Name | Function | Page |
|-----|---|---|----------------------------------|
| 6 | “◀◀Off” | Touch this button to obtain a broader view. Some of the buttons on the screen are not displayed. They are displayed again by touching “On▶▶”. | 179 |
| 7 | Zoom out button | Touch this button to reduce the map scale. | 42 |
| 8 | “SETUP” button | Push this button to display the “Setup” screen. You can change the language from this screen. (See “● Selecting a language” on page 164.) | 20, 111, 163, 168, 170, 173, 182 |
| 9 | “DISP” button | Push this button to display the “Display” (quality control) screen. | 31 |
| 10 | “INFO/PHONE” button | Push this button to display the “Information” screen. | 23, 131, 148, 202 |
| 11 | “DEST” button | Push this button to display the “Destination” screen. | 10, 12, 14, 15, 18, 63 |
| 12 | “MAP/VOICE” button | Push this button to repeat a guidance voice, cancel the map scroll, start guidance and display the current position. | 33 |
| 13 | Foot print map button | Touch this button to display the foot print map and the building information. | 42 |
| 14 | Zoom in button | Touch this button to magnify the map scale. | 42 |
| 15 | Screen configuration button | Touch this button to change the screen mode. | 39 |
| 16 | Distance and time to destination | Displays the distance, the estimated travel time to the destination, and the estimated arrival time at the destination. | 94 |
| 17 | XM® indicator | This mark is displayed when XM® information is received. | 152 |
| 18 | “GPS” mark (Global Positioning System) | Whenever the vehicle is receiving signals from the GPS, this mark is displayed. | 191 |

— Registering home



1 Push the “DEST” button.



2 Touch “Go Home”.

If home has not been registered, you can register it by touching “Go Home”.



3 Touch “Yes”.



4 There are 4 different methods to search your home.

See “Destination search” on page 63.



5 Touch "Enter".

The "Edit Home" screen is displayed.



6 Touch "OK".

Registration of home is complete.

You can also register home by pushing the "SETUP" button. (See " (a) Registering home" on page 112.)

You can change the name, location, phone number and icon. (See " (b) Editing home" on page 113.)

— Registering preset destinations



1 Push the “DEST” button.



2 Touch one of the preset destination buttons.

You can set a preset destination to any preset destination button that has not yet been set.



3 Touch “Yes”.



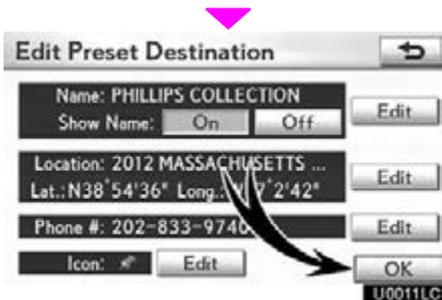
4 There are 4 different methods to search preset destinations.

See “Destination search” on page 63.



5 Touch “Enter”.

The “Edit Preset Destination” screen is displayed.



6 Touch “OK”.

Registration of preset destinations is complete.

You can also register preset destinations by pushing the “**SETUP**” button. (See “(a) Registering preset destinations” on page 115.)

You can change the name, location, phone number and icon. (See “(b) Editing preset destinations” on page 116.)

The registered points can be used on the “Destination” screen. (See “— Destination search by Preset destinations” on page 65.)

— Operation flow: guiding the route



1 Push the “DEST” button.



2 There are 11 different methods to search destinations.

See “Destination search” on page 63.



3 Touch “Go to”.

The navigation system performs a search for the route.



4 Touch “OK”, and start driving.

Routes other than the one recommended can also be selected. (See “Starting route guidance” on page 84.)

5 Guidance to the destination is given via voice and on the guidance screen.

— Setting home as the destination



1 Push the “DEST” button.



2 Touch “Go Home”.

“Go Home” can be used if your home has been registered. (To register “Home”, see “(a) Registering home” on page 112.)



3 Touch “Go to ”.

The navigation system performs a search for the route.



4 Touch “OK”, and start driving.

Routes other than the one recommended can also be selected. (See “Starting route guidance” on page 84.)

5 Guidance to the destination is given via voice and on the guidance screen.

Navigation system function index

〈Map〉

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| Viewing the map screen | 8 |
| Displaying the current vehicle position | 33 |
| Viewing the current position vicinity map | 34 |
| Changing the scale | 42 |
| Changing the map orientation | 43 |
| Displaying Point of Interest | 103 |
| Displaying the estimated travel/arrival time to the destination | 94 |
| Selecting the dual map screen | 39 |
| Viewing foot print map | 42 |
| Deleting map screen buttons | 179 |
| Searching destination | Page |
| Searching the destination (by home, Point of Interest, phone #, etc.) | 63 |
| Changing the selected search area | 63 |
| Operating the map location of the selected destination | 84 |

〈Route guidance〉

| Before starting route guidance | Page |
|---|------|
| Setting the destination | 84 |
| Viewing alternative routes | 84 |
| Starting route guidance | 84 |
| Before starting or during route guidance | Page |
| Viewing the route | 84 |
| Adding destinations | 95 |
| Changing the route | 97 |
| Displaying the estimated travel/arrival time to the destination | 94 |

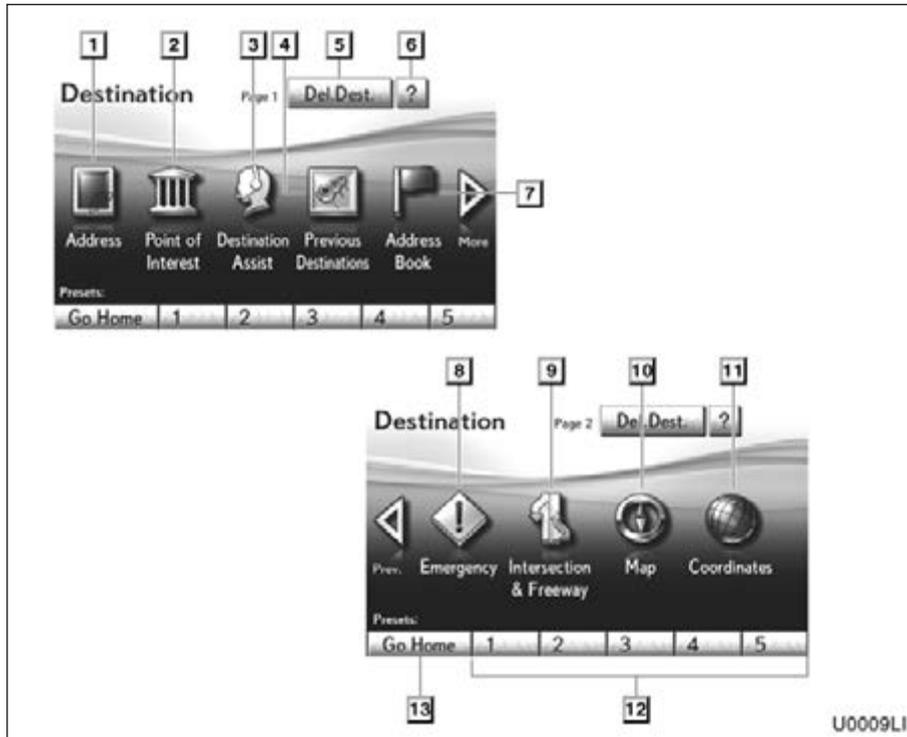
| During route guidance | Page |
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| Pausing route guidance | 102 |
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⟨ Useful functions ⟩

| Address book | Page |
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| Information | Page |
| Displaying vehicle maintenance | 182 |
| Displaying the calendar | 131 |
| Voice command system | Page |
| Operating the system with your voice | 44 |

Quick reference (“Destination” screen)

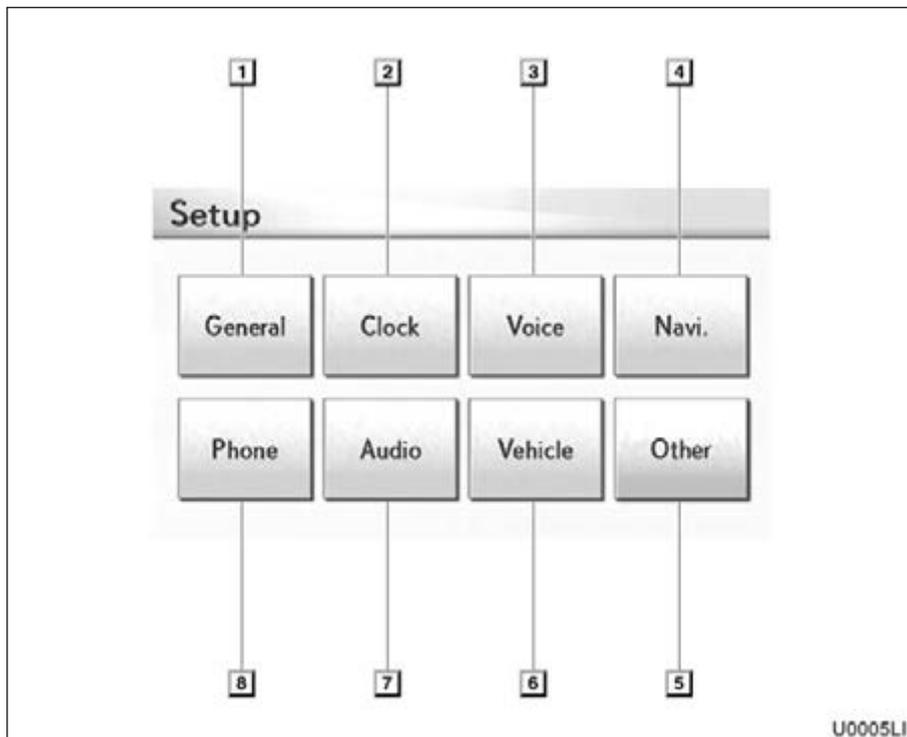
The “Destination” screen allows you to search for a destination. To display the “Destination” screen, push the “DEST” button.



| | |
|--|---|
| <p>1 “Address” A house number and the street address can be input by using the input keys. 66</p> <p>2 “Point of Interest” Select one of the many Points of Interest that have already been stored in the system’s database. 70</p> <p>3 “Destination Assist” Provides you with live assistance finding destinations via the Lexus Enform response center. 136</p> <p>4 “Previous Destinations” A destination can be selected from any of the last 100 previously set destinations and from the previous starting point. 77</p> <p>5 “Del. Dest.” Set destinations can be deleted. 83</p> <p>6 “?” Function help for the “Destination” screen can be viewed on this screen. 33</p> <p>7 “Address Book” The desired location can be selected from a registered entry in the “Address book”. (To register address book entries, see “(a) Registering address book entries” on page 118.) 78</p> <p>8 “Emergency” One of the four categories of emergency service points that are already stored in the system’s database can be selected. 78</p> | <p>9 “Intersection & Freeway” The names of two intersecting streets or a freeway (interstate) entrance or exit can be entered. This is helpful if only the general vicinity, not the specific address, is known. 79</p> <p>10 “Map” A destination can be selected simply by touching the location on the displayed map. 82</p> <p>11 “Coordinates” A destination can be set using latitudes and longitudes as coordinates. 83</p> <p>12 Preset destination buttons One of 5 preset destination points can be selected by touching the screen directly. If a preset destination point has not been registered, a message will be displayed and the setting screen will automatically appear. To use this function, it is necessary to set the “Preset Destination”. (To register a “Preset Destination”, see “(a) Registering preset destinations” on page 115.) 65</p> <p>13 “Go Home” A personal home address can be selected without entering the address each time. If “Home” has not been registered, a message will be displayed and the setting screen will automatically appear. To use this function, it is necessary to set a “Home” address. (To register “Home”, see “(a) Registering home” on page 112.) 65</p> |
|--|---|

Quick reference (“Setup” screen)

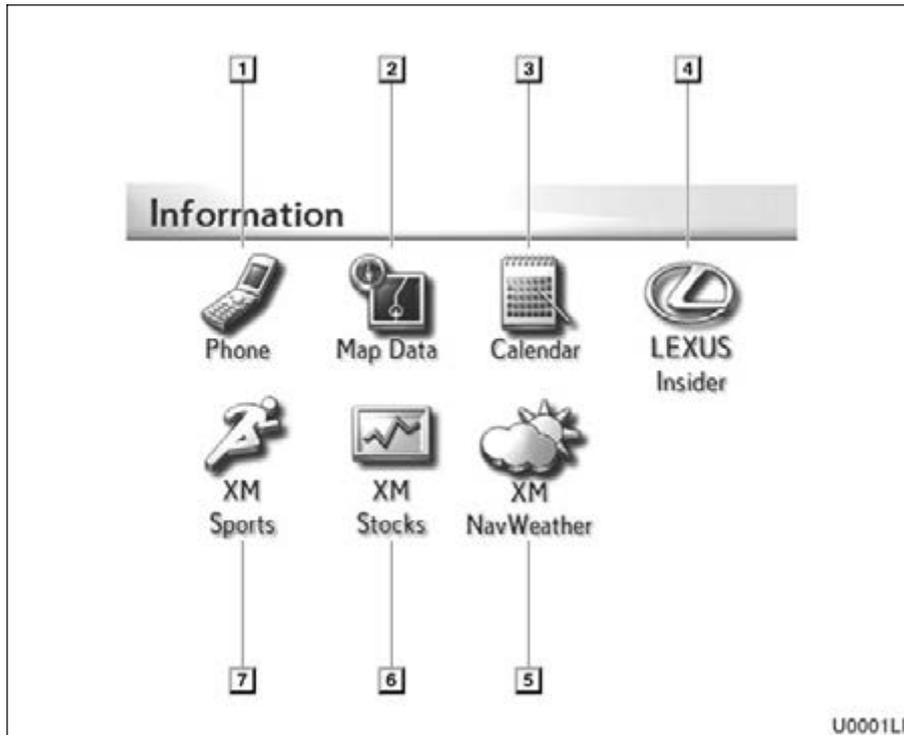
The items shown on the “Setup” screen can be set. To display the “Setup” screen, push the “**SETUP**” button.



- 1** **“General”**
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- 2** **“Clock”**
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- 3** **“Voice”**
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- 4** **“Navi.”**
 Settings are available for average cruising speed, displayed screen contents, POI icon categories, etc. 173
- 5** **“Other”**
 Settings are available for Lexus Insider, XM® Sports and Stocks 187
- 6** **“Vehicle”**
 Settings are available for vehicle information such as maintenance information. 182
- 7** **“Audio”**
 Settings are available for portable audio devices, Bluetooth® audio devices etc. Owner’s Manual
- 8** **“Phone”**
 Bluetooth® phones and phone numbers can be registered, and the receiver volume can be adjusted. Owner’s Manual

Quick reference (“Information” screen)

This screen can be used to display the calendar and information on operation of the hands-free phone, etc. To display the “Information” screen, push the “INFO/PHONE” button.



| | | |
|----------|--|----------------|
| 1 | “Phone” | |
| | To view hands free phone information. | |
| | | Owner’s Manual |
| 2 | “Map Data” | |
| | Displays information regarding the map data disc version or coverage area. | |
| | | 202 |
| 3 | “Calendar” | |
| | To view calendar. | 131 |
| 4 | “LEXUS Insider” | |
| | To display the “LEXUS Insider” screen. | |
| | | 154 |
| 5 | “XM NavWeather” | |
| | To display the “XM NavWeather” screen. | |
| | | 147 |
| 6 | “XM Stocks” | |
| | To display the “XM Stocks” screen. | |
| | | 142 |
| 7 | “XM Sports” | |
| | To display the “XM Sports” screen. | |
| | | 142 |

