Introduction

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

The Lexus 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 can show you where you are and assist you 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 designed to direct you to a destination that is unfamiliar to you in efficient manners. Map database is made based on the maps, 2001 edition of Denso, whose information source comes from Nav Tech maps and GDT maps. The calculated routes are neither the shortest routes nor routes without traffic congestion. Your own personal local knowledge or “short cut” may at times be faster than the calculated routes.

The navigation system’s database includes more than 50 point of interest categories to allow you to easily select destinations such as restaurants and banks. 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 route you there. The system will provide both a visual map and audio instructions. The audio instructions will announce the distance and direction to go when you are approaching a fork or 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 32 through 34.

Introduction

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

⚠ CAUTION

This is a warning against something that may cause injury to people if the warning is ignored. You are informed about what you must or must not do in order to avoid or reduce the risk to yourself and other people.

NOTICE

This is a warning against something 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 Lexus and its equipment.

INFORMATION

This provides additional information.

Initial screen

When you start the engine or turn the ignition switch to “ACC”, the initial “LEXUS” screen appears and the system begins operating.

⚠ CAUTION

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

After a few seconds, the “CAUTION” screen appears.

Touch either “English” or “French” to select a language. Read and follow the instructions.

When you touch the “I agree” switch on the screen, the “map” screen appears.

You can access this screen when you push the **“INFO”** button and touch the **“Language”** switch. Then you can select a language.

Safety Instruction

To use your system as safely as possible, follow all the safety tips shown below.

This system is intended to assist you in reaching your destination and, if used properly, can do so. You, as the driver, are 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 distracts you from safe driving. Your first priority while you are driving should always be the safe operation of your vehicle. While you are driving, be sure to observe all traffic regulations.

Before attempting to use this system while you are driving, learn how to use it and become thoroughly familiar with it. Read the entire Navigation System Manual to make sure you understand the system. Do not allow others to use this system until they have read and understood these and other instructions in this manual.

For your safety, some functions may become inoperable when you start driving. Unavailable switches are dimmed. You can input your destination and select your route only when the vehicle is not moving.

⚠ CAUTION

- **For safety, the driver should not operate the navigation system while he/she is driving. Inattention to the road and traffic may cause an accident.**
- **While you are driving, be sure to follow the traffic regulations and keep the road condition in mind. If a traffic sign on the road has been changed, route guidance may provide wrong information such as the direction of a one way street.**

While you are 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 your information. If the system cannot determine your current position correctly, there is a possibility of incorrect, late or non–voice guidance.

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

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

Safety Instruction

We recommend that you obtain updated map data, when it becomes available, in order to help use the system as effectively and safely as possible.

Use this system only in locations where it is legal to do so. Some states/provinces may have laws prohibiting video screens within sight of the driver.

Overview of Touch Screen and Switches

Switch operation

This system is operated mainly by the switches on the screen. To prevent damage to the screen, lightly touch switches on the screen with your finger. When you touch a switch on the screen or push a button, a beep sounds.

INFORMATION
• ***If the system does not respond to a touch of a switch, move your finger away from the screen and then touch it again.***
• ***You cannot operate dimmed switches.***
• ***Wipe off fingerprints on the surface of the display using a glass cleaning cloth.***
• ***The displayed image may become darker and moving images may be slightly distorted when the display is cold.***

Symbols, Switches and Buttons

GPS mark (Global Positioning System)
Whenever your vehicle is receiving signals from the GPS, this mark is displayed. For details, see page 32.

Distance and time to destination
Displays the distance and the estimated travel time to the destination. If you input more than two destinations, it displays the distance and time to the next destination. Touching this indication will change it to the distance and time to the other destinations. The direction will be indicated when your vehicle is off the route.

INFO button
Push this button to display the "Information menu" screen. For details, see pages ii, 66, 71 and 78.

NAVI button
Push this button to turn the navigation system on.

Current street name
Turn on this function to indicate the current street name. For details, see page 65.

North–up or heading–up symbol and scale of map
Indicates a map view with north up or heading up. Touching this symbol changes the map orientation. The figure indicates the map scale. For details, see page 31.

Map/Guidance
Touch this switch to change the screen mode. For details, see page 14.

Current vehicle position mark
To indicate the current position. For details, see page 18.

MAP/VOICE tab
Touch this tab to repeat voice guidance, cancel one touch scroll and start guidance. For details, see page 19.

DEST tab
Touch this tab to display the "Destination" screen. For details, see page 1.

MENU tab
Touch this tab to display the "Menu" screen. This screen allows you to make adjustments or correct settings of various options and functions.

TILT button
Push this button to tilt the display. For details, see page 2.

DISPLAY button
Push this button to display the "Display" screen. For details, see page 78.

Symbols, Switches and Buttons

Changing the route guidance

When you touch this switch, the “Change route” screen will appear. For details, see page 14.

One–touch registration of marked point

To register the current vehicle position as a marked point. For details, see page 52.

Display of point of interest

Symbols such as restaurants and hotels, etc. can be displayed on the screen. For details, see page 26.

Zoom in/zoom out

These switches magnify or reduce the map scale. For details, see page 30.

SECTION I

BASIC FUNCTIONS

Descriptions of basic operations in frequent use

Your navigation system 2
Inputting letters and numbers 3
How to move the cursor 4

Your Navigation System

You can adjust the angle of the display by pushing the "TILT" button. Each push of the "TILT" button will tilt the display to position [1], [2], [3] and then back to [0] in that order.

If you turn the ignition switch off, the display will automatically move back to position [0]. The display will automatically resume the previous position you used when the ignition switch is turned to the "ACC" or "ON" position.

⚠ CAUTION

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

NOTICE

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

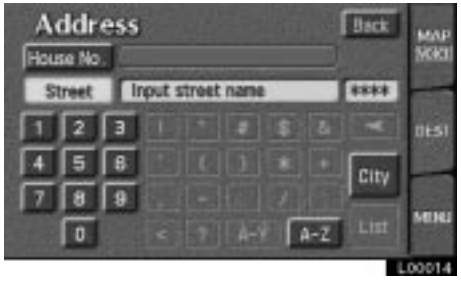
Inputting Letters and Numbers

The navigation system is operated by switches on the screen and the buttons located on the front face around the screen. When you touch a switch or push a button, a beep sounds. When using the switches on the touch screen, please use only light pressure with your finger to protect the screen from damage. Do not use objects other than your finger to touch the screen.

To type in an address etc., directly touch alphabet keys on the screen. If you touch a wrong letter, delete it using the ◄ switch. Touching the ◄ switch erases one letter.

Touching the **"List"** switch will change the screen to a display of the database items that match the name or address that you have entered on the screen. The number of matching items is shown to the right side of the screen. If the matching item is more than 9,999, the system displays **"∗∗∗∗"** on the screen.

To input numerals, touch the **"0–9"** switch and the display will change the screen to number input display.



Touching the **"A–Z"** switch changes the screen back to the previous name input display.

When a list is displayed, you can scroll or page through the list by using the appropriate switch.

To shift to the next or previous page.

To scroll up or down one item at a time.

This expresses a displayed screen position.

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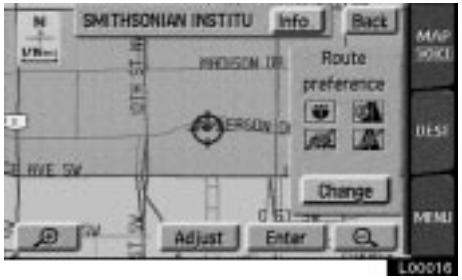
Inputting Letters and Numbers

If ▶ appears to the right of the item name, the complete name is too long for the display. Touch ▶, and the name will scroll to the end of the name.

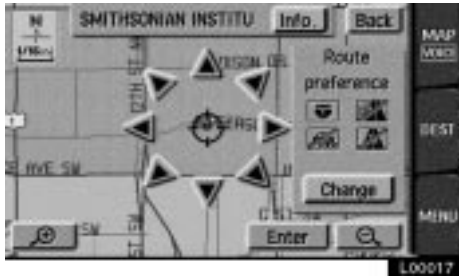
Touching ◀ will scroll the name to the beginning of the name.

How to Move the Cursor



1. Touch the "Adjust" switch to move the cursor ⌖.

How to Move the Cursor



▶***Position locating screen on the map***

2. When you touch an arrow facing your desired point, the map scrolls in that direction. When you release your finger, scrolling stops.

3. If you touch the "Enter" switch, the position of cursor ⌖ is set.

Destination Input

Touch the **"DEST"** tab on the screen and the "Destination" screen appears.

The "Destination" screen allows you to select the area to search for your destination.

Touch the "Change" switch on the "Destination" screen to display a map of the United States and Canada divided into 11 areas. See page 35 for map database information and updates.

Touch one of the **"US1"** through **"CAN"** switches to select a search area. Touch the **"OK"** switch and the "Destination" screen returns.

Once you choose the area to search, you can use one of 11 different methods to enter your destination.

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Destination Input

USA	
Switch	States included in the search area
US1	Idaho Oregon Washington
US2	California Nevada
US3	Arizona Colorado Montana New Mexico Utah Wyoming
US4	Iowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota
US5	Oklahoma Texas
US6	Illinois Indiana Kentucky Michigan Ohio Wisconsin
US7	Alabama Arkansas Louisiana Mississippi Tennessee
US8	Connecticut Maine Massachusetts New Hampshire New Jersey New York Rhode Island Vermont
US9	Delaware Maryland New Jersey Pennsylvania Virginia West Virginia
US10	Florida Georgia North Carolina South Carolina

Canada	
Switch	Provinces and regions included in the search area
CAN	Alberta British Columbia Manitoba New Brunswick Newfoundland and Labrac Nova Scotia Ontario Prince Edward Island Québec Saskatchewan

Destination Input

You can find your destination using various methods. See page 4 through 7 for the detailed steps.

1. By Home (switch on the "Destination" screen): You can select your own home without entering the address each time. In this case, it is necessary to register your home beforehand. See page 4 for the detailed steps.

2. By Preset Destination (1 — 5 switches on the "Destination" screen): You can select one of 5 preset destinations directly. In this case, it is necessary to register the destinations beforehand. See page 5 for the detailed steps.

3. By Address: You can input the house number and the street address by using the input keys. See page 1 for the detailed steps.

4. By POI: You can select one of the many points of interest that have been already stored in the system's database. There are more than 50 categories to choose from, including restaurants, banks and automotive locations. See page 4 for the detailed steps.

5. By Marked Point: You can register your own favorite destinations as a "Marked Point". The system allows you to store up 100 marked points. See page 1 for the detailed steps.

6. By Previous Destination: You can select a destination from any of the last 20 previously set destinations. See page 2 for the detailed steps.

7. By Emergency: You can select one of the three points of emergency service points that have been already stored in the system's database. See page 3 for the detailed steps.

8. By Intersection: You can enter the names of two intersecting streets. This is helpful if you do not know the specific street address of your destination but know the general vicinity. See page 4 for the detailed steps.

9. By Freeway Entrance/Exit: You can enter the name of the freeway (interstate) entrance or exit. See page 5 for the detailed steps.

10. By Previous Starting Point: You can enter a point where the system has started to guide last time. See page 7 for the detailed steps.

11. By Map Selection: You can select a destination simply by touching the location on the displayed map. See page 7 for the detailed steps.

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INFORMATION

- ***When inputting the destination, the response to the switch may be slow.***
- ***"Point of Interest" are mainly registered in "Detailed map coverage areas". The registration is made based on the NavTech "Standard POI Inclusion List".***
- ***If there is no point registered, switches such as "Marked Point", "Previous Destination" or "Previous Starting Point" are dimmed and not available.***
- ***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 or a route without traffic congestion.***
- ***Route guidance may not be available if there is no road data for the specified location.***

Destination Input

- ***When setting the destination, you should use the map on a scale of one half mile or smaller.***
- ***To select an "Address", "Point of Interest", "Freeway Entrance/Exit" or "Intersection" in a different area, it is necessary to change the search area.***

⚠ CAUTION

While you are driving, be sure to follow traffic regulations and keep the road condition in mind. If a traffic sign on the road has been changed, the route guidance may provide wrong information.

Destination Input by HOME

Touch the switch on the "Destination" screen.

The screen changes and displays the map location of your home.

Guidance starts from your current position to your home immediately after you touch the switch during driving.

For the steps to register your home, see "Registering your home" on page 22.

Destination Input by PRESET DESTINATION

Touch any of 1 — 5 (preset destination) switches on the "Destination" screen.

The screen changes and displays the map location of the preset destination.

Guidance starts from your current position to the preset destination immediately after you touch the preset destination switch.

For the steps to register a preset destination, see "Registering preset destination" on page 23.

It is possible to input a street name first. Touch the **"Street"** switch to display the screen which you can input a street name.

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After each letter is input, the system searches the database for street names that match. Alphabet keys are dimmed if the database does not have a match for the next letter in the remaining list of matching street names.

When you input numerals, touch the "0–9" switch to display the screen for numeral input.

Based on your input, the number of matching sites appears at the top right of the screen. After the number decreases to some extent, touch the **"List"** switch to display the street selection list. If the number of matches decreases to 4 or less, the screen changes automatically to the selection list.

Destination Input by ADDRESS

There are 2 ways to input a destination by address.

Destination Input by ADDRESS

(a) Inputting a house number and a street name

Touch the "Address" switch on the destination screen. The "Address" screen appears, and then you can input a house number.

Touch letters directly on the screen to input a house number.

After inputting a house number, touch the **"Enter"** switch to display the screen which you can input a street name.

It is possible to input a street name first. Touch the **"Street"** switch to display the screen which you can input a street name.

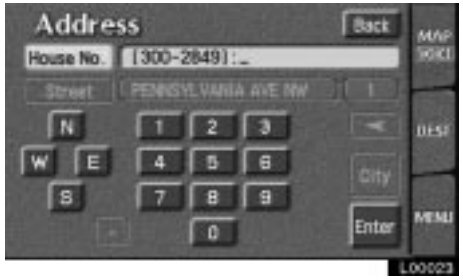
After each letter is input, the system searches the database for street names that match. Alphabet keys are dimmed if the database does not have a match for the next letter in the remaining list of matching street names.

When you input numerals, touch the "0–9" switch to display the screen for numeral input.

Based on your input, the number of matching sites appears at the top right of the screen. After the number decreases to some extent, touch the **"List"** switch to display the street selection list. If the number of matches decreases to 4 or less, the screen changes automatically to the selection list.

When you find your desired street name, touch ■ of the item. The screen changes and displays the map location of the selected destination and the route preference. (See "(a) Entering Destination" on page 8.)

If the same address exists in more than one city, the current screen changes to the "City Select" screen. Select or enter your desired city.

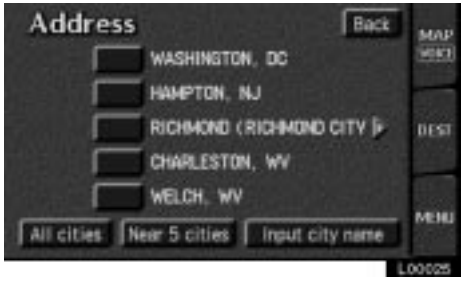


If you input a street name first, the screen changes. You can then input the house number.

If the above screen appears, you can select an address range on that screen.

(b) Selecting a city to search

The screen for selecting last 5 cities appears if you touch the **"City"** switch on the "Address" screen on page 1.



Last 5 cities are displayed on the screen.

If you have not used the navigation yet, any city is not displayed on the screen.

Touch the [redacted] of the desired city name. The current screen changes to the screen which is for inputting a street name.

All cities: All cities are selected.

Near 5 cities: Near 5 cities are displayed. Selecting a city in the list changes to the display to input a street name.

Input city name: The screen for inputting the city name appears.

Destination Input by ADDRESS

The screen for inputting a city name appears if you touch the **"Input city name"** switch on the "Address" screen.

Input the city name.

After the number decreases to some extent, touch the "List" switch to display the city selection list. If the number of matches decreases to 4 or less, the screen changes automatically to the selection list.

Touch the [redacted] of the desired city name.

The current screen changes to the screen which is for inputting a street name. After inputting a street name, the screen may change to the screen which is for inputting a house number. Input a house number. Then touch the "Enter" switch to display the map screen.

The screen changes and displays the map location of the selected destination and the route preference. (See "(a) Entering destination" on page 8.)

Destination Input by POI

There are 3 ways to select a point of interest location.

(a) Input the name directly

(b) Selecting a city to search

(c) Selecting from the categories

It will not take a long time for you to find your destination if you use a combination of the searching ways of (a), (b) and (c).

Destination Input by POI

The screen changes and displays the map location of the selected destination and the route preference. (See "(a) Entering destination" on page 8.)

There are 3 ways to select a point of interest location.

(a) Input the name directly

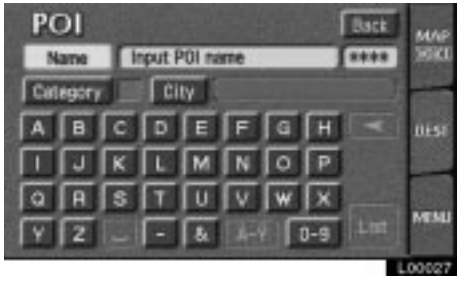
(b) Selecting a city to search

(c) Selecting from the categories

It will not take a long time for you to find your destination if you use a combination of the searching ways of (a), (b) and (c).

(a) Input the name directly

Touch the "POI" switch on the "Destination" screen.



The "POI" screen appears, and then you can input the name of the point of interest.

Touch letters directly on the screen to input a name. When you input numerals, touch the **"0–9"** switch to display the screen for numeral input.

If the number of sites becomes 4 or less, or if you touch the **"List"** switch at the bottom right of the screen, the screen changes and displays a list of sites.

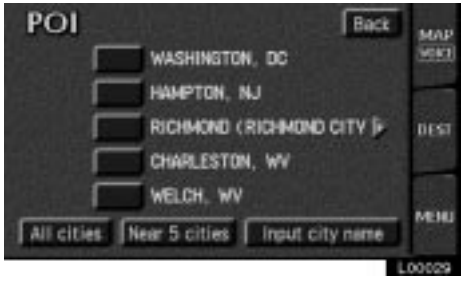
Destination Input by POI

Touch the [redacted] of your desired destination. The screen changes and displays the map location of the selected destination and the route preference. (See "(a) Entering Destination" on page 8.)

If the same name exists in more than one city, you can search it more easily with the **"City"** and **"Category"** switch. (See "(b) Selecting a city to search" and "(c) Selecting from the categories".)

(b) Selecting a city to search

Touch the "City" switch on the "POI" screen.



Last 5 cities are displayed on the screen.

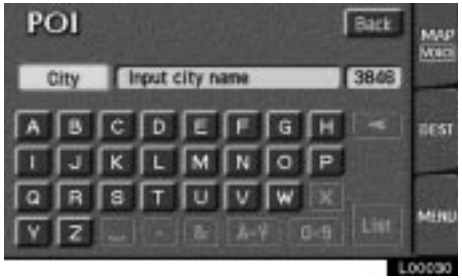
If you have not used the navigation yet, any city is not displayed on the screen.

Touch the [redacted] of the desired city name. The current screen changes to the screen which is for inputting a name of POI.

All cities: All cities are selected.

Near 5 cities: Near 5 cities are displayed. Selecting a city in the list changes to the display to input the name of the POI.

Input city name: The screen for inputting the city name appears.



Input the city name.

If the number of sites becomes 4 or less, or if you touch the **"List"** switch on the screen, the screen changes and displays the selection list.

Touch the [redacted] of the desired city name.

After entering the city name, input the name of the POI.

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Destination Input by POI

(c) Selecting from the categories

Touch the "Category" switch on the "POI" screen.

The categories are shown on the screen. When you touch the symbol switch of your desired category, more detailed categories are shown.

When you touch the [redacted] of your desired category, the screen changes and displays the menu to input a name.

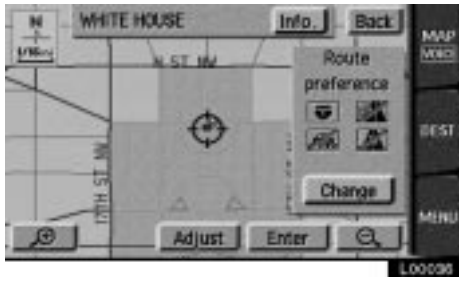
Once you have selected a category, you can touch letters directly on the screen to input a name. To input numerals, touch the **"0–9"** switch to display the screen for numeral input.

If the number of sites becomes 4 or less, or if you touch the **"List"** switch at the bottom right of the screen, the screen changes and displays a list of sites.

Destination Input by POI

If you input the name of a specific point of interest and there are more than two sites with the same name, the **"Dist. sort"** switch will be shown. Touch the **"Dist. sort"** switch on the screen to display listing of all items based on the distance from your current location.

When you touch the [redacted] of your desired item, the screen changes and displays the map location of the selected destination and the route preference. (See "(a) Entering Destination" on page 8.)



Touch the **"Info."** switch on the screen to display the selected destination name, address and telephone number.

INFORMATION
The desired point of interest can be displayed on the map screen. (For details, see page 27.)

POI (POINTS OF INTEREST) ICONS

- RESTAURANT
- JAPANESE
- CHINESE
- FRENCH
- ITALIAN
- OTHER
- AMERICAN

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Destination Input by POI

CONTINENTAL	PARKING LOT	GOLF COURSE
MEXICAN	RENTAL CAR AGENCY	SKI RESORT
SEAFOOD	TOYOTA DEALERSHIPS (all search areas)	AMUSEMENT PARK (all search areas)
SHOPPING	LEXUS DEALERSHIPS (all search areas)	SPORTS COMPLEX
GROCERY STORE	AUTOMOBILE CLUB	CASINO
GAS STATION	AUTO SERVICE & MAINTENANCE	MARINA
PARKING GARAGE/HOUSE	HOTEL	TOURIST ATTRACTION (all search areas)

WINERY	CONVENTION/EXHIBITION CENTER	PARK AND RIDE
CITY HALL	COURT HOUSE	REST AREA
POLICE STATION	TRAIN STATION	TOURIST INFORMATION
LIBRARY	AIRPORT (all search areas)	HISTORICAL MONUMENTS
HOSPITAL	BUS STATION	PERFORMING ARTS
PARK/RECREATION (all search areas)	COMMUTER RAIL STATION	MUSEUM
CIVIC/COMMUNITY CENTER	FERRY TERMINAL	BANK

Destination Input by MARKED POINTS

SCHOOL

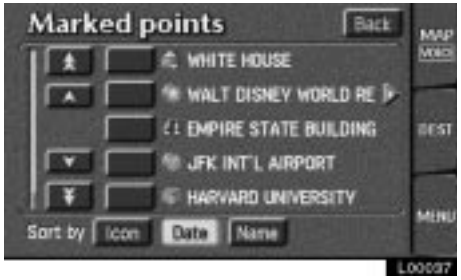
ATM

HIGHER EDUCATION

BUSINESS FACILITY

CITY CENTER/NAMED PLACE

Touching the "Marked points" switch on the "Destination" screen displays your list of registered marked points. See page 48 on registering and editing marked points.



When you touch the [ ] of your desired item, the screen changes and displays the map location of the selected destination and the route preference. (See "(a) Entering destination" on page 8.)

Destination Input by PREVIOUS DESTINATION

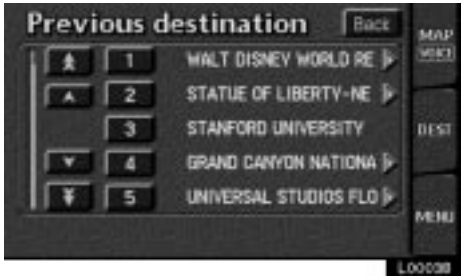
There are 3 ways to list the marked point by touching switches on bottom of the screen.

Sort by Icon: Touch this switch to list the marked points by the registered icon. There are 46 different normal purpose icons and 3 sound icons. (For details, see page 49.)

Sort by Date: Touch this switch to list the marked points in order of registered date.

Sort by Name: Touch this switch to list the marked points in alphabetical order.

Touch the "Prev. dest" switch on the "Destination" screen.



The screen lists up to 20 previously set destinations.

Select your desired destination. The screen changes and displays the map location of the selected destination and the route preference. (See "(a) Entering destination" on page 8.)

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Destination Input by EMERGENCY

You can delete the list of previous destinations while you stop your car, if you no longer need them.

Touch the "Menu" tab on the screen to display the menu screen and touch the "Marked points" switch. Touch the "Del. prev. dest." switch.

When you touch the switch for each previous destination or the "Delete all" switch, a message appears to confirm your request. If you are sure, touch the "Yes" switch. If not, touch the "No" switch.

By touching the "Emergency" switch on the destination input screen, the display changes to a screen to select dealers, hospitals or police stations. During driving, only nearby police stations, hospitals or dealers are shown. The current position is shown with an address, the latitude and the longitude at the top of the screen.

When you touch your desired emergency category, the selected emergency category list is displayed.

Destination Input by INTERSECTION

The distance from your current position up to the destination is displayed on the right of the name.

You can see the names of the emergency destinations in alphabetical order by touching the **"Name Sort"** switch on the screen.

Touch the [redacted] of your desired item. The screen changes and displays the map location of the selected destination and the route preference. (See "(a) Entering destination" on page 8.)

Touch the **"Info."** switch on the screen to display the selected emergency destination name, address and telephone number.

INFORMATION
The navigation system does not guide in areas where route guidance is unavailable. (See page 35.)

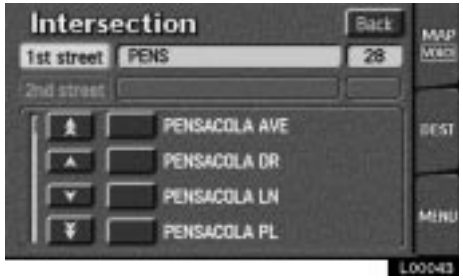
Touch the "Intersection" switch on the destination screen.

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

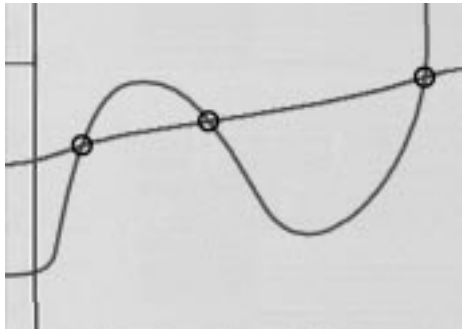
When you touch the **"List"** switch or the number of sites becomes 4 or less, the list of matching street names appears.

I

Destination Input by FREEWAY ENTRANCE or EXIT



Touch the [ ] of your 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 "(a) Entering destination" on page 8.)



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 "(a) Entering destination" on page 8.)

To input a freeway entrance or exit, touch the "FWY Ent./Exit" switch on the "Destination" screen.

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).

As the number of matching freeways decreases, you can touch the **"List"** switch to display the list. When the number of sites becomes 4 or less, the list screen appears automatically.

Destination Input by FREEWAY ENTRANCE or EXIT

Select the desired freeway by touching the [ ].

You can then select either a freeway "Entrance" or "Exit".

Touch the [ ] of the desired entrance or exit name. The screen changes and displays the map location of the selected destination and the route preference. (See "(a) Entering destination" on page 8.)

There are 2 ways to list the freeway entrance or exit.

Dist. sort: Touch this switch to list the entrances or exits in order of distance from your current location.

Name sort: Touch this switch to list the entrances or exits in alphabetical order.

I

Destination Input by PREVIOUS STARTING POINT

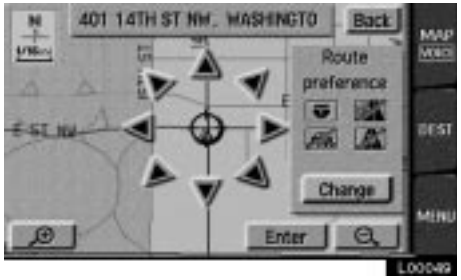
Touch the “Previous starting point” switch on the “Destination” screen.

The screen changes and displays the map location of the previous starting point and the route preference. (See “(a) Entering destination” on page 8.)

If you have not used the navigation yet, the **“Previous Starting Point”** switch is dimmed.

Destination Input by MAP

Touch the “Map” switch on the “Destination” screen.



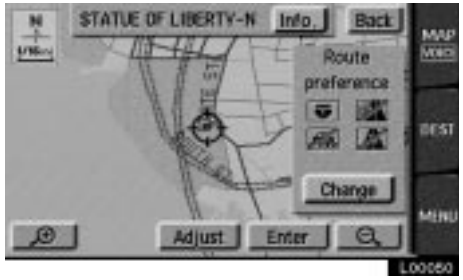
The screen changes and displays the map location that was previously displayed just before the destination input operation and route preference. (See “(a) Entering destination” on page 8.)

I

Setting and Deleting Destination

(a) Entering destination

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



You can move and set the cursor ⌖ at a desired point. (For the method of how to move the cursor, see page 4.)

When you touch the **"Enter"** switch, the system starts searching for a route to your destination using the conditions entered.

Route preference

Touch the **"Change"** switch to change the conditions which are to determine the route to your destination.

You are given a number of choices on the conditions which the system uses to determine the route to your destination.

Touch the "Detour" switch of "Freeway" to search for a route that includes freeways as little as possible. (In some cases, the route cannot avoid including a freeway.)

Touch the "Detour" switch of "Toll road" to search for a route that includes toll roads as little as possible.

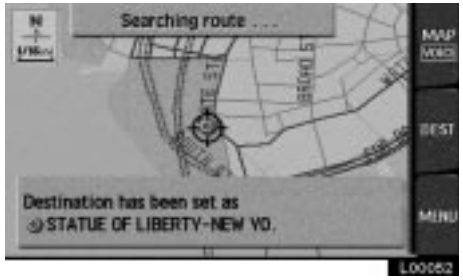
Touch the "Detour" switch of "Ferry" to search for a route that includes ferries as little as possible.

Touch the "Detour" switch of "Restricted road" to search for a route that does not utilize restricted roads.

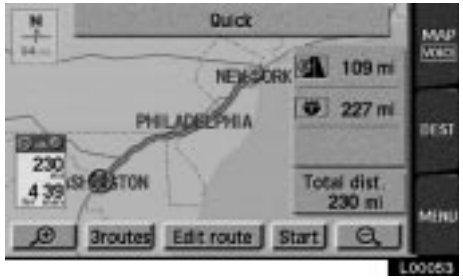
Touching the **"Allow"** switch on each item allows its use.

The switches you select are highlighted in green. After choosing conditions, touch the **"OK"** switch.

Setting and Deleting Destination



During the route search, "Searching route..." appears on the screen. When the search is completed, 3 types of routes are displayed on the screen.



If you want to see the other routes and make a comparison, touch the **"3routes"** switch. 3 types of the routes are displayed on the screen.

Quick: A route by which you can reach the destination in the shortest time
This route is indicated by an orange line.

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

Alternative: Other route
This route is indicated by a green line.

Touch the switch to select the route.

If you want to add a destination, see the following "(b) Adding destinations".

After selecting one, you can start the route guidance by touching the **"Start"** switch or starting to move your vehicle.

If you want to change the search condition, touch the **"Edit route"** switch. The screen changes and displays the "Edit route" screen. (For details, see page 15.)

When you keep touching the **"Start"** switch until you hear a beep, Demo mode will start.

(b) Adding destinations

1. Touch the "MENU" tab on the screen to display the "Menu" screen.

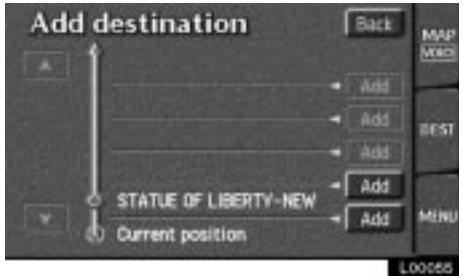
2. Touch the "Edit route" switch.

3. Touch the "Add" switch under "Destination".

I

Setting and Deleting Destination

4. Input an additional destination in the same way as the destination input. (See page 8.)

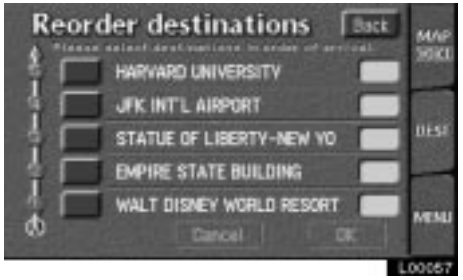


5. The add destination screen appears. Touch the "Add" switch that you want to add a destination.

(c) Relocating destinations

1. Touch the "MENU" tab on the screen to display the menu screen and touch the "Edit route" switch.

2. Touch the "Reorder" switch under "Destination".

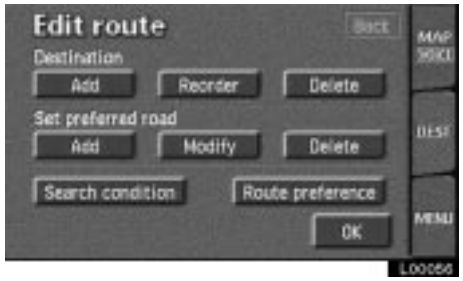


3. Select the destinations in the order of arrival by touching the [redacted] switch.

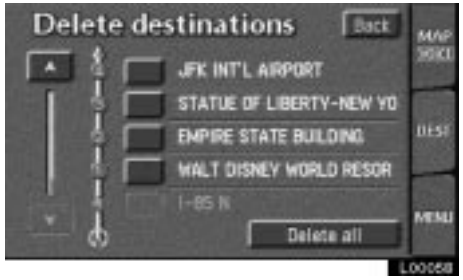
After you finished selecting the destinations, touch the **"OK"** switch. The previous screen returns.

Setting and Deleting Destination

(d) Deleting destination



1. Touch the "Delete" switch under "Destination".



2. Touch the switch next to the destination where you want to delete. Touch the "Delete all" switch if you want to delete all destinations.

3. A message appears to confirm your request to delete. To delete the destination(s), touch the "Yes" switch.

If you touch the **"Yes"** switch, the data cannot be recovered.

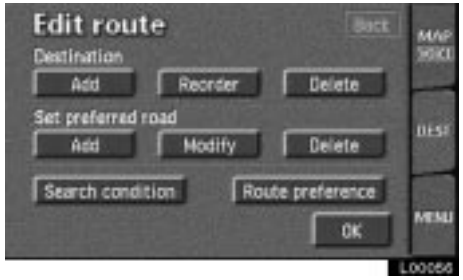
If you touch the **"No"** switch, the previous screen will return.

I

Setting and Deleting Preferred Road

(a) Adding preferred road

Touch the "Edit route" switch on the "Menu" screen.

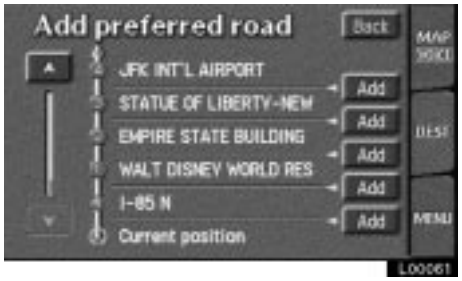


Touch the "Add" switch under "Set preferred road". The following screen appears.

Move the cursor ⌖ to your desired location and touch the "Preferred road" switch.

Messages appear to confirm your request on the screen. Touch the **"Enter"** switch to register the road.

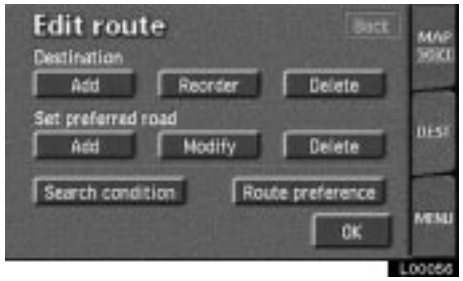
Touch the "Next" switch to change the road type.



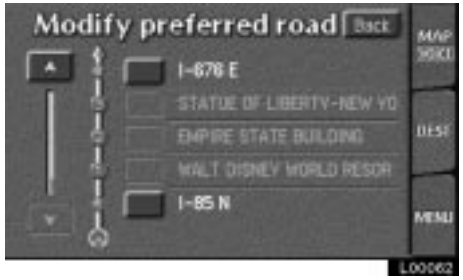
The "Add preferred road" screen appears. Touch the "Add" switch where you want to add a preferred road.

Setting and Deleting Preferred Road

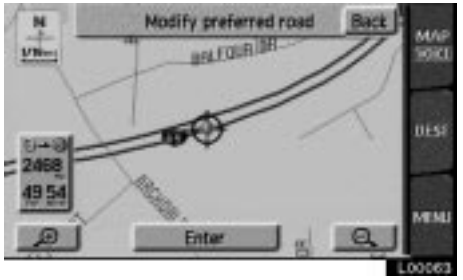
(b) Modifying preferred road



Touch the "Modify" switch under "Set preferred road". The "Modify preferred road" screen appears.



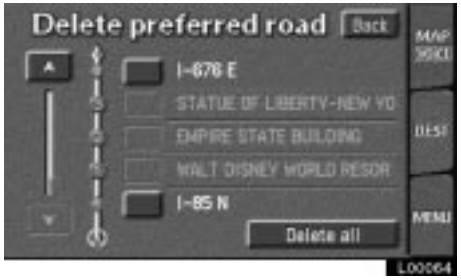
Select the preferred road which you want to modify and touch the [redacted] switch.



Follow the same procedure as when adding a preferred road (see page 12).

(c) Deleting preferred road

1. Touch the "Delete" switch under "Set preferred road". The "Delete preferred road" screen appears.



2. Select the preferred road which you want to delete. Touch the "Delete all" switch if you want to delete all preferred roads.

3. Messages appear to confirm your request to delete the preferred road. To delete the road(s), touch the "Yes" switch.

If you touch the **"Yes"** switch, the data cannot be recovered.

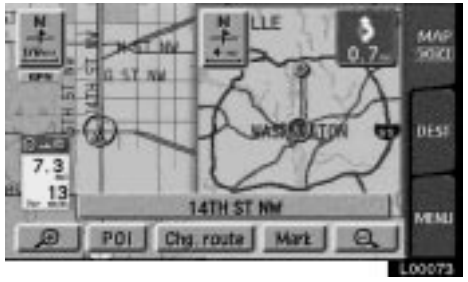
If you want to try again or cancel deletion, touch the **"No"** switch. The previous screen will return.

I

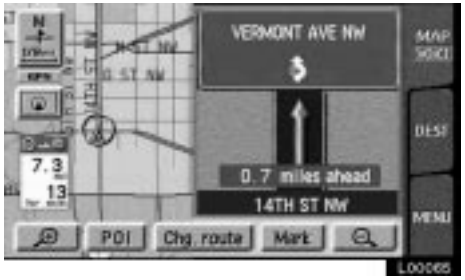
Route Guidance Screen

The route guidance system has two different screen modes.

Single map: Map is shown in a screen.

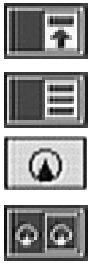


Dual map: Two different maps are shown in a screen.



Split screen: Map and guidance screen are shown in a screen mode. (For detail about Guidance screen, see page 28.)

The two route guidance screens have a number of indicators and switches with which you should be familiar.



Map/guidance:
Changes the screen mode.

GPS — Upon reception of signals from the GPS (Global Positioning System), this mark appears. (For details, see page 32.)

Magnifies or reduces the map scale. (For details, see page 30.)

POI — Touch this switch, and symbols of points of interest are shown on the screen. (For details, see page 26.)

Mark — Touch this switch for one–touch registration of the marked point. (For details, see page 52.)

INFORMATION

- ***The distance up to your destination appears at the left of the screen.***
- ***The time to your destination can also be displayed. (For the setting steps, see page 62.)***

Route Guidance Screen

Chg. route The “Change Route” screen appears and the following settings are available.

Search condition: To change the condition for Reroute.

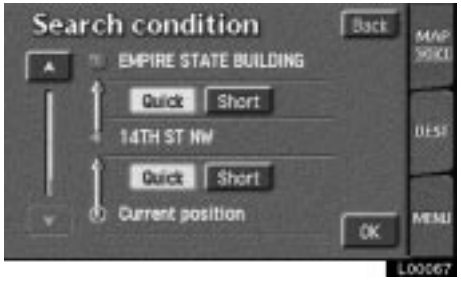
Detour: To change the condition for Detour. (For details, see page 25.)

Del. next dest.: To delete and skip the next destination.

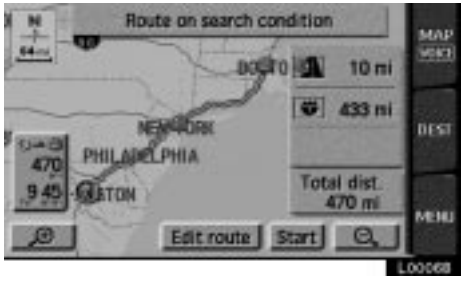
INFORMATION
If the calculated route includes a trip by ferry, the route guidance shows a sea route. After you travel by ferry, the current vehicle position may be incorrect. Upon reception of GPS signals, it is automatically corrected.

Search Condition

Touch the “Search Condition” switch on the “Edit route” screen. The “Search condition” screen appears.

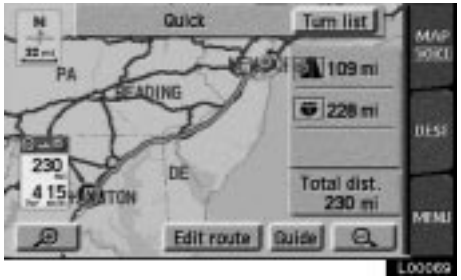


Touch the “Quick” or “Short” switch and touch the “OK” switch.



Route Overview

Touch the “Route overview” switch on the “Menu” screen.



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

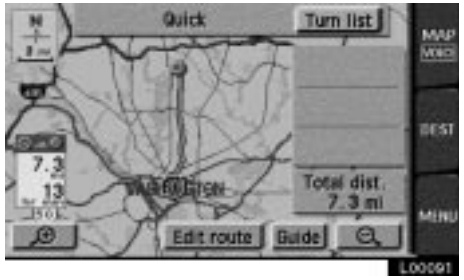
I

Route Guidance Screen

Turn List

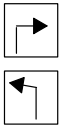
You can change from the map screen to a "Turn List" screen that displays the list of the roads up to your destination. This list can be used for a route guidance.

1. Touch the "MENU" tab on the screen to display the "Menu" screen and touch the "Route overview" switch.



2. The screen will change to the entire route map screen where you can touch the "Turn list" switch.

You can scroll through the list of roads by touching ▲ or ▼ switch. 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 name closest to the starting point will be displayed with a mileage to the next turn.



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

Route Guidance Screen

Touch the "Map" switch of your desired point. The point which you choose is displayed on the map screen.

INFORMATION

- ***The current vehicle position mark appears at the bottom of the screen next to the name of the street you are driving on. The mark does not move.***
- ***If you leave the guidance route, the name of the street you are on is not shown on the list next to the current vehicle position mark.***
- ***If the road type you are on changes between a highway, a main street or a residential street (at an interchange or fork), it will appear on the turn list.***
- ***If a long route has been selected, it may take a long time to display the turn list.***
- ***Touch the "MAP/VOICE" tab on the screen to return to the map display with a route guidance.***

Route Preview

Touch the "Route preview" switch on the "Menu" screen. The "Route preview" screen appears.

To indicate the next destination or selected POI

To preview the route to the next destination or selected POI

To preview the route to the next destination in fast–forward mode

To stop the preview

To review the route to the current position

I

Route Preview

To review the route to the current position in fast–forward mode

To indicate the current position

Touch the “Edit” switch to display the “Edit route preview” screen appears.

To next POI: Preview the next POI.

To next ⦿: Preview the next destination.

Delete: Delete the POI icon.

Select POI: Select the POI icon.

Touch the **“OK”** switch after the selection.

Current Position Display

The current vehicle position mark appears in the center of the map screen. You can return to this map screen showing your current position at any time from any screen by touching the “MAP/VOICE” tab on the screen.

During driving, the current vehicle position mark is fixed in the center of the screen and the map moves.

If you move the map with a “one–touch” scroll (see page 31 for details), the current vehicle position mark continues to track your current location.

Current Position Display

INFORMATION

When you use the "one–touch" scroll feature, the current vehicle position mark may disappear from the screen. Move the map with a "one–touch" scroll again or touch the "MAP/VOICE" tab on the screen to return to the current vehicle position map location display.

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

INFORMATION

After the 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.

If you must correct the current position manually, follow the steps on page 57.

Voice Guidance

Voice guidance to the destination during route guidance. Use voice guidance just for your reference.

You can adjust the volume of the voice or turn off voice guidance.

Touch the "MENU" tab on the screen to display the "Menu" screen. Then touch the "Volume" switch on the "Menu" screen.

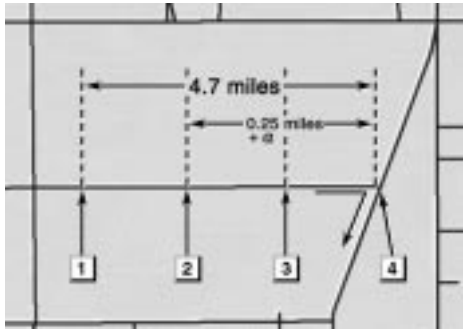
Touch any number to select the desired volume. Touching the "Off" switch turns the voice route guidance off. If you turn the "Adaptive volume control" on, the volume is turned up automatically when the vehicle speed exceeds 80 km/h (50 mph).

INFORMATION

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

I

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."

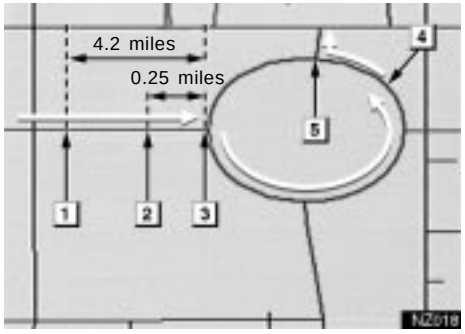
2 ♪ "In a quarter of a mile, right turn."

3 ♪ "Right turn."

4 ♪♪ (Beep sound only)

INFORMATION

On freeways, interstates of 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.



1 ♪ "Proceed about 4 miles to the traffic circle."

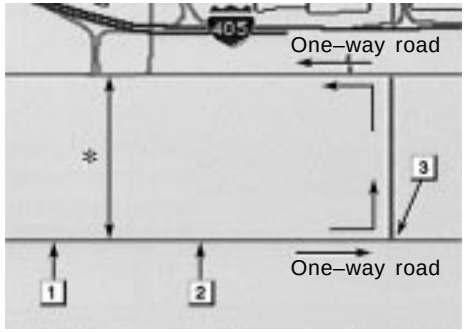
2 ♪ "In a quarter of a mile, traffic circle ahead, and then 3rd exit ahead."

3 ♪ "The 3rd exit ahead."

4 ♪ "The exit ahead."

5 ♪♪ (Beep sound only)

Typical Voice Guidance Prompts

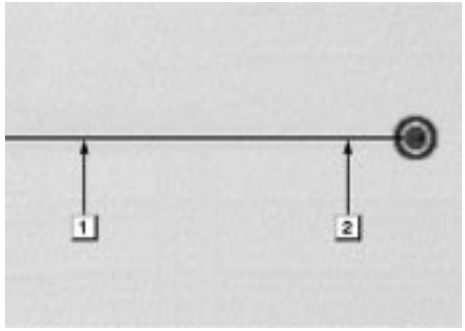


*: The system indicates a U–turn if the distance between two one–way roads (of opposite directions) is less than 15 m (50 ft.) in residential areas or 50 m (164 ft.) in non–residential areas.

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 your approach to the final destination.

1 “Your destination is ahead.”

2 “You have arrived at your destination. The route guidance is now finished.”

INFORMATION

- ***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.***
- ***If you did not hear the voice guidance command, touch the “MAP/VOICE” tab on the screen to hear it again.***

I

Registering Your Home

If you register your home address beforehand, you can easily set the route back to your home.

1. Touch the "MENU" tab on the screen to display the "Menu" screen and touch the "Marked points" switch.

2. Touch the "Reg. home" switch on the "Marked points" screen to register your home.

If your home is already registered, the **"Delete home"** switch will appear.

You may register the location of your home by ten different methods: address, POI, marked points, previous destination, intersection, freeway entrance/exit, map, current position or preset destinations. Touch the screen to select your desired method from the menu.

Input your home in the same way as the destination input. (See page 8.)

DELETING YOUR HOME

1. Touch the "MENU" tab on the screen to display the "Menu" screen and touch the "Marked points" switch.

2. Touch the "Delete home" switch on the "Marked points" screen.

Registering Your Home

The screen changes and displays the map location of home and a message. If you are sure that you want to delete, touch the **"Yes"** switch. If not, touch the **"No"** switch.

Registering Preset Destinations

You can register up to 5 preset destinations.

1. Touch the "MENU" tab on the screen to display the "Menu" screen and touch the "Marked points" switch.

2. Touch the "Register" switch under "Preset destinations ①~⑤".

3. Touch any of the 1 — 5 switches for which you want to register the preset destination.

If you have already registered a preset destination, you can overwrite it.

4. Input the preset destination in the same way as the destination input. (See page 8.)

I

Registering Preset Destinations

EDITING PRESET DESTINATIONS

1. Touch the "MENU" tab on the screen to display the "Menu" screen and touch the "Marked points" switch.

2. Touch the "Edit" switch of preset destinations ①~⑤.

3. Select the preset destination that you want to edit and touch the [redacted] switch.

You can change the name, location and phone number of the preset destination in the same way as editing marked points.

Touch the "Change" switch. (See page 49.)

DELETING THE PRESET DESTINATIONS

1. Touch the "MENU" tab on the screen to display the "Menu" screen and touch the "Marked points" switch.

2. Touch the "Delete" switch of preset destinations ①~⑤.

Registering Preset Destinations

3. Select the preset destination that you want to delete and touch the [redacted] switch.

If you want to delete all the preset destinations, touch the "Delete all" switch.

Messages appear depending on the type of deletion. If you want to delete, touch the **"Yes"** switch. To cancel the deletion, touch the **"No"** switch.

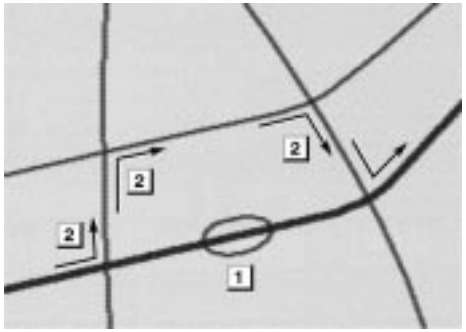
Detour Setting

When you are driving 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, an accident, etc.

Touch the "Chg. route" switch if you encounter a reason to divert from the selected route.

I

Detour Setting



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

1 This part indicates the location where traffic jam is occurring due to road repairs or an accident.

2 Detour route suggested by the system

When you touch the **"Chg. route"** switch, the screen changes to a change route screen that allows you to select the distance you want to detour. Touch one of the numeral keys to start the detour process. After detouring, the system returns to the original guidance route.

Whole route: If you touch this switch, the system will calculate an entire new route to the destination.

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

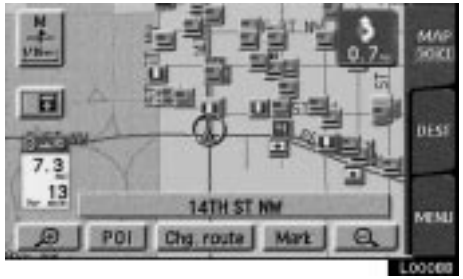
Displaying POI

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.

To display a particular type of point of interest on the screen, touch the "POI" switch on the map screen.

Displaying POI

A window with a limited choice of points of interest will be displayed. When you touch your desired type of point of interest, symbols will appear on the map screen indicating where the POI addresses are located.



More: If you cannot find your desired point of interest on the limited choice screen, touch this switch. The screen then displays the complete POI listing screen.

You can display up to 5 categories of icons on the screen.

When you select a point of interest type from either the limited list or the complete list, the screen will display symbols at those locations on the map screen.

Touching the **"Delete"** switch will delete the last selected icon.

Local POI list: If you want to search the nearest point of interest, touch this switch. Then choose one of the categories. The system will list the points within 20 miles.

You can sort the local POI list three different ways as follows.

Icon: In the order of the POI icons

Dist: In the order of distance from your current location.

Name: In alphabetical order by name

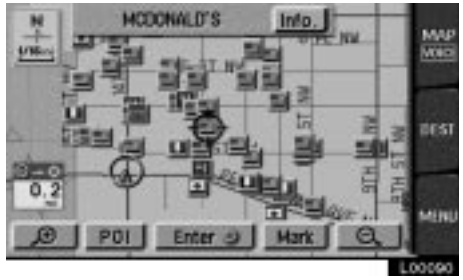
By turning the **"Route"** switch on, you can search for POIs on the route when in the route guidance mode.

Touch the [redacted] of your desired point of interest. Points of interest which you chose are displayed on the map screen.

To turn off the symbols of the points of interest on the map screen, touch the "POI off" switch.

Setting a POI as a destination

You can select one of the points of interest symbols on the map screen as a destination and use it for a route guidance.



Directly touch the symbol of the point of interest that you want to set as a destination.

I

Displaying POI

The map will shift so that the symbol is centered on the screen and overlaps with the cursor ⌖. At this time, the distance from your current position can be displayed on the screen. The distance shown is as measured in a straight line from the current vehicle position to the POI.

The name of the point of interest and the **"Info."** switch on the screen are displayed at the top of the screen. When you touch the **"Info."** switch on the screen, the information such as the name and address, etc. are displayed.

When your desired point of interest overlaps with the cursor, touch the "Enter" switch. The screen changes and displays the map location of the selected destination and route preference. (See "(a) Entering destination" on page 8.)

Map Appearance

You can select the single screen map or the dual screen map. You can also change the half of the screen to the guidance screen by touching the map/guidance switch while the map screen is displayed. You can choose one of two types of guidance screens.

1. Touch the "MENU" tab on the screen to display the "Menu" screen and touch the "Map appearance" switch.

2. The screen will change to the "Map appearance" screen and you can select the map mode and the guidance mode.

Map mode

To display single map screen

To display dual map screen

Guidance mode

To display arrow screen

To display turn list screen

To turn off guidance screen

Map Appearance

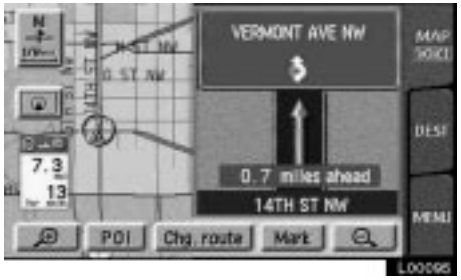
Single map

This screen shows the single map.

Dual map

The screen shows the dual map. The map on the left is the main map. You can change the scale of the right side map by touching it. The screen turns into edit mode. You can also choose to display POI icons on the right side map.

Arrow screen



This screen shows the current road name and the distance to the next corner.

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Map Appearance

Turn list screen

The screen shows the Turn List. You cannot scroll through the list of roads.

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 runs from 1/32nd of a mile to 128 miles. Touch or until the scale bar changes normally. If you continue to touch the switch, the scale bar changes smoothly.

You can change the scale of the map display by touching the scale bar directly. It is not available during 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 128 miles, will disappear. When the map scale is at the minimum range of 1/32nd mile, will disappear.

Screen Scrolling

If you wish to look at a different point on the map other than your current vehicle position, you can bring the desired point to the center of the screen by using the scroll feature.

Touch any point on the screen, and that point moves to the center of the screen and is shown by the cursor mark . You can then set this place as a destination. Touch the **"Enter ⊙"** switch on the screen.

If a destination is already registered, you can add the new location as another destination.

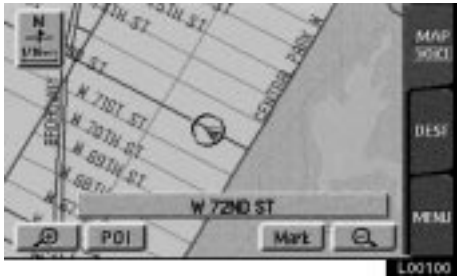
If you continue to hold your finger on the screen, the map will continue scrolling in that direction until you lift your finger.

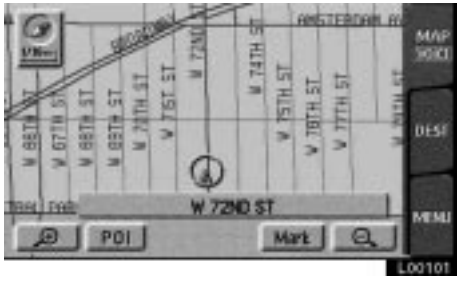
If you touch switches such as **"Mark"**, **"POI"**, etc., the screen does not scroll and the selected function operates.

After you scroll the screen, the map remains centered at the selected location until you activate another function. The current vehicle position mark will continue to move along your actual route and may move off the screen. When you touch the **"MAP/ VOICE"** tab on the screen, the current vehicle position mark returns to the center of the screen and the map moves as you proceed on your route.

INFORMATION
If you enter a destination using the screen scrolling function, the road nearest to the point you touched is set as the destination.

Orientation of the Map





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Orientation of the Map

You can change the orientation of the map from north–up to heading up by touching the orientation symbol at the top left of the screen.

North–up symbol

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

Heading–up symbol

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

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 using 3 to 4 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 up to 300 feet can and should be expected. Generally, position errors will be corrected within a few seconds.

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

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

The installation of window tinting may also obstruct the GPS signals. Most window tinting contains some metallic content that will interfere with the GPS signal reception. We recommend not to use the window tinting on vehicles equipped with navigation systems.

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

Limitations of the Navigation System

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

(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 spiral road.
- When driving on a slippery road such as in sand, gravel, snow, etc.
- When driving on a long straight road.
- When freeway 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 directions 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 the 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.

INFORMATION
If your vehicle cannot receive GPS signals, you can correct the current position manually. For the information on setting the current position calibration, see page 57.

Limitations of the Navigation System

(b) Inappropriate route guidance may occur in the following cases:

- When turning at a wrong 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, there is no route guidance.
- When passing through the intersection, there is no route guidance.
- During automatic rerouting, 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 reason.
- The road and map data stored in your navigation system may not be complete or may not be the latest release.

When replacing the tire(s), perform calibration. See page 57 for detailed information.

Map Database Information and Updates

Map database is made based on the maps, 2001 edition of DENSO, whose information source comes from NavTech maps and GDT maps.

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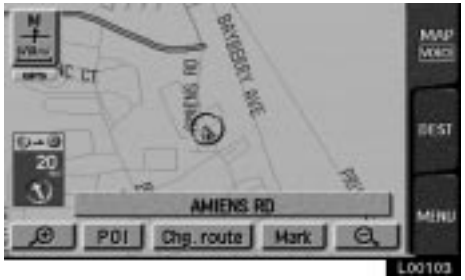
There are two types of areas available for route guidance. (See the following pages.) In one type of area, primarily around metropolitan centers, detailed route guidance is available for the entire area. In the other type of area, all roads are displayed on the map but route guidance is limited. The 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 accurate map information as much as possible, we are always gathering information such as road repairs and doing site investigation. However, the names of roads, streets, facilities, and their locations are often changed. 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.

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Map Database Information and Updates

The map database is normally updated once a year. Contact your Lexus dealer for updating a map database.

INFORMATION
For the up–dated map DVD–ROM, contact your Lexus dealer.

DVD: To determine which version of the database is currently in your vehicle, touch the **"DVD"** switch on the "Menu" screen. The "DVD information" screen appears and the map database version date is displayed. Contact your dealer to find out if a more recent update has been released.

Map Database Information and Updates

Route guidance availability

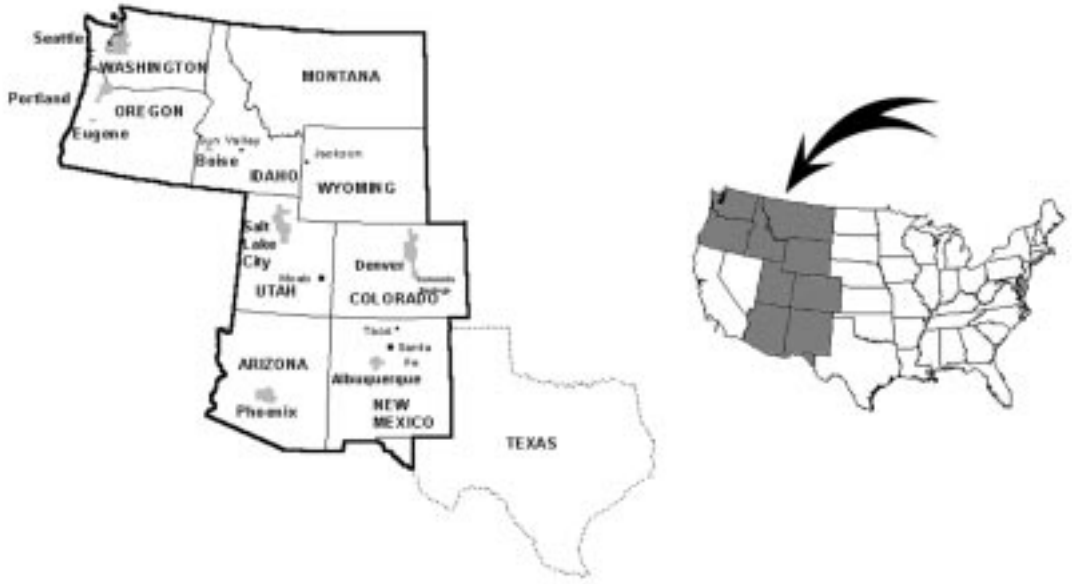
2000 by NavTech

Route guidance available areas

Route guidance available for main roads only

Map Database Information and Updates

Route guidance availability



2000 by NavTech

Route guidance available areas

Route guidance available for main roads only

Map Database Information and Updates

Route guidance availability

2000 by NavTech

Route guidance available areas

Route guidance available for main roads only

Map Database Information and Updates

Route guidance availability

2000 by NavTech

Route guidance available areas

Route guidance available for main roads only

Map Database Information and Updates

Route guidance availability

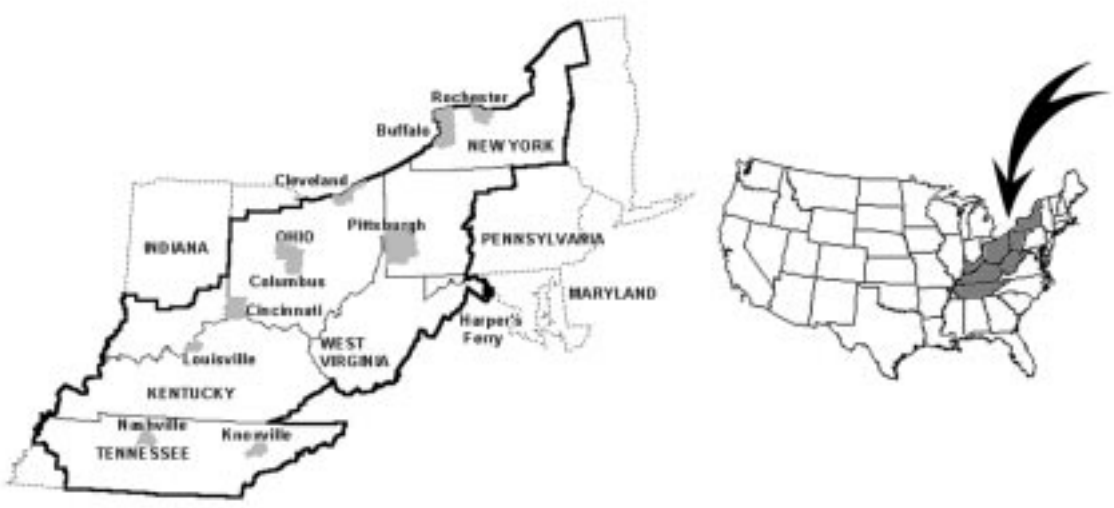
2000 by NavTech

Route guidance available areas

Route guidance available for main roads only

Map Database Information and Updates

Route guidance availability



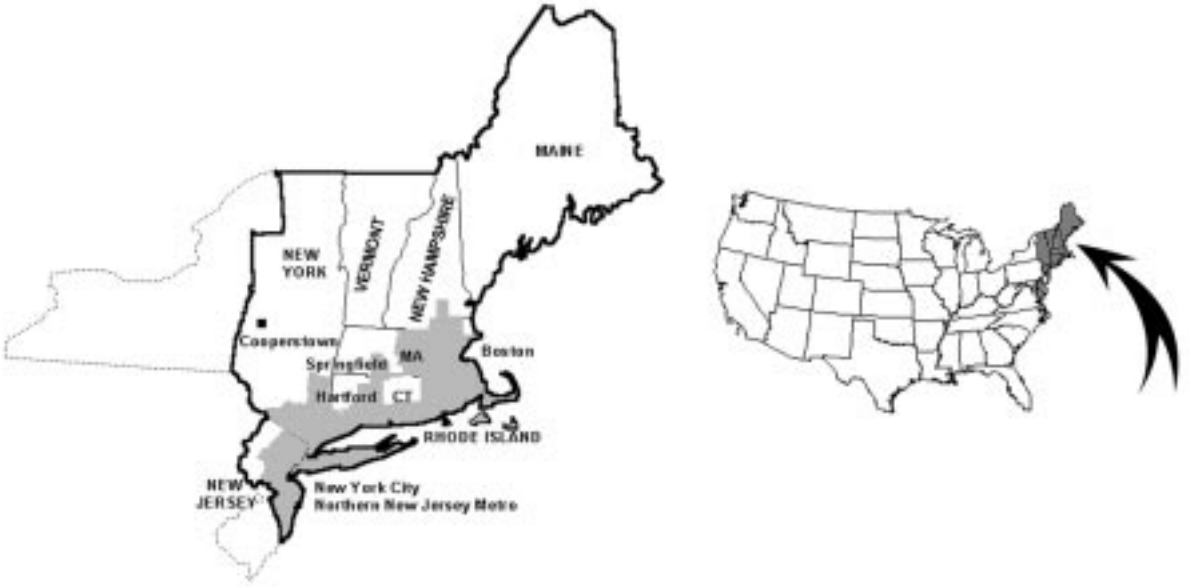
2000 by NavTech

Route guidance available areas

Route guidance available for main roads only

Map Database Information and Updates

Route guidance availability



2000 by NavTech

Route guidance available areas

Route guidance available for main roads only

Map Database Information and Updates

Route guidance availability

2000 by NavTech

Route guidance available areas

Route guidance available for main roads only

Map Database Information and Updates

Route guidance availability

2000 by NavTech

Route guidance available areas

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Map Database Information and Updates

Route guidance availability

2000 by NavTech

Route guidance available areas

Route guidance available for main roads only

SECTION II

ADVANCED FUNCTIONS

Descriptions of operations for more effective use

Marked points 48
Area to avoid 53
Current position calibration 57

Marked Points

You can register and keep your own marked points of interest list (like restaurants, sports facilities, etc.) and use the marked points to input a destination.

(a) Registering marked points

1. Touch the “MENU” tab on the screen to display the “Menu” screen and touch the “Marked points” switch.

2. Touch the “Register” switch under “Marked points”.

A screen similar to that for destination input appears. Input the address of the marked point in the same way as any destination input. See pages 4 through 7.

3. After you finish registering the marked point, touch the “Back” switch.

INFORMATION
Up to 100 marked points can be registered.

Marked Points

(b) Editing marked points

Once a marked point is registered, you can edit the icon, name or telephone number.

1. Touch the "MENU" tab on the screen to display the "Menu" screen and touch the "Marked points" switch.

2. Touch the "Edit" switch under "Marked points".

The screen lists the marked points.

Sort by Icon: Touch this switch to list the marked points in order of the type of symbol.

Sort by Date: Touch this switch to list the marked points in order of the registered date.

Sort by Name: Touch this switch to list the marked points in alphabetical order.

Touch [ ] of the desired marked point to display the edit marked point screen.

Touch the "Change" switch to edit.

CHANGING THE ICON

Touch your desired icon.

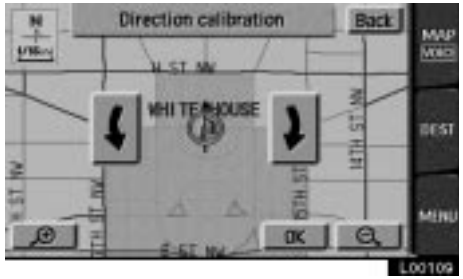
Page 1 and page 2: You can select one of 46 icons.

II

Marked Points

When you touch the desired icon or **“Back”**, or complete the direction setting, the previous screen is displayed.

With sound: When you set **“With sound”** for these icons, a buzzer sounds as your vehicle approaches them.



Touch the direction switches to adjust the direction. Touch the **“OK”** switch. The buzzer sounds when your vehicle approaches this icon in the direction that you set.

When you touch the desired icon or **“Back”**, or complete the direction setting, the previous screen is displayed.

CHANGING THE NAME

Touch alphabet or numeral keys directly to input the name.

After you finish your entry, touch the **“OK”** switch.

The previous screen will be displayed. If you touch the **“Off”** switch of “Show name”, the name of the marked point will not be shown on the map.

CHANGING THE PHONE NUMBER

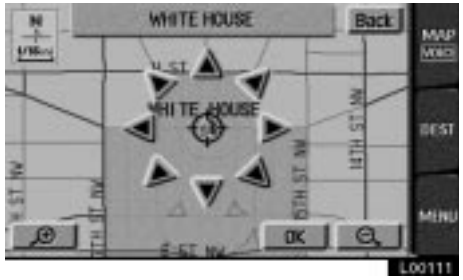
Touch numeral keys directly.

After you finish your entry, touch the **“OK”** switch.

The previous screen will be displayed.

Marked Points

CHANGING THE POSITION



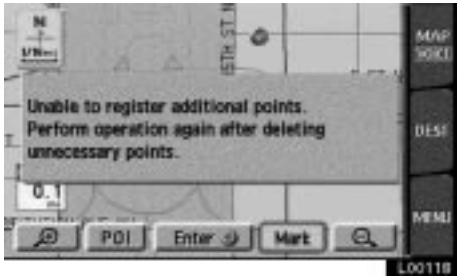
Touch the arrows to scroll to your desired point on the map screen.

Touch the **"OK"** switch when the cursor ⌖ moves to your desired point.

The previous screen will return.

After you finish any editing, touch the "Back" switch on the first screen of "Edit marked points".

You can register up to 100 marked points. If you attempt to register more than 100, a message appears for confirmation.



If you want to register a new point, delete one of the marked points. See "(c) Deleting marked points".

(c) Deleting marked points

1. Touch the "MENU" tab on the screen to display the "Menu" screen and touch the "Marked points" switch.

2. Touch the "Delete" switch of the marked point.

3. Touch ▬ of the marked point to delete.

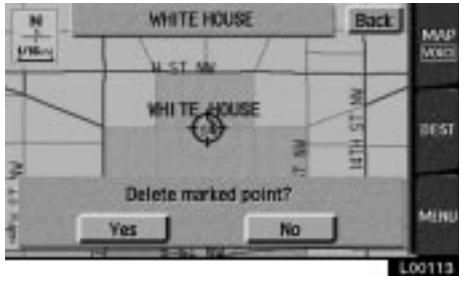
II

Marked Points

A screen for confirmation will appear with the map of the marked point. If you want to delete it, touch "Yes". Touching "No" or "Back" will return to the previous screen.

If you want to delete all of the marked points, touch the "Delete all" switch. A screen for confirmation will appear. Touching "Yes" will delete all of the marked points. Touching "No" or "Back" will return to the previous screen.

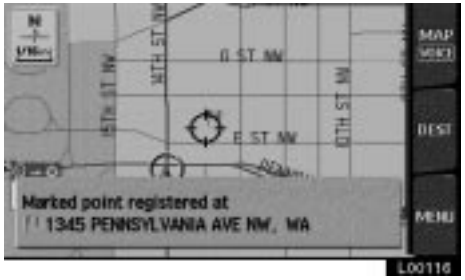
To delete only specified marked points, use the **"Icon", "Date"** or **"Name"** switch to display the screen, so that you can easily find the marked points.



Either of the above messages appears depending on the type of deletion. If you want to delete, touch the **"Yes"** switch. To cancel the deletion, touch the **"No"** or **"Back"** switch.

(d) One–touch marked point registration

You can register your current position or any points (See "Screen scrolling"on page 31.) from the map screen by touching the "Mark" switch.



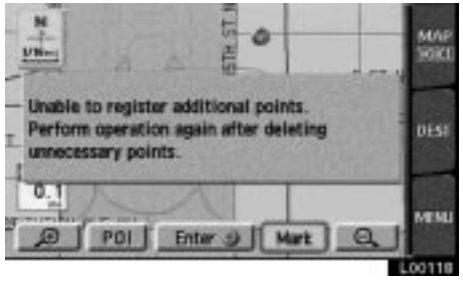
When you touch the **"Mark"** switch, the above screen appears for a few seconds, and then the map screen returns.

Marked Points

The registered point is shown by ⚑ on the map.

To change the icon or name, etc., see “(b) Editing marked points”.

You can register up to 100 marked points. If you attempt to register more than 100, a message appears for confirmation.



If you want to register a new point, delete one of the marked points. See “(c) Deleting marked points”.

Area to Avoid

Any areas you want to avoid due to traffic jams, construction work or other reasons can be registered as areas to avoid.

Touch the “MENU” tab on the screen to display the “Menu” screen and touch the “Marked points” switch to display the following screen.

INFORMATION

- ***Some areas and freeways may not be able to be set as an avoid point.***
- ***If a destination is input in the avoid area or the route calculation cannot be made without running through the avoid area, a route passing through the avoid area may be shown.***

II

Area to Avoid

(a) Registering area to avoid

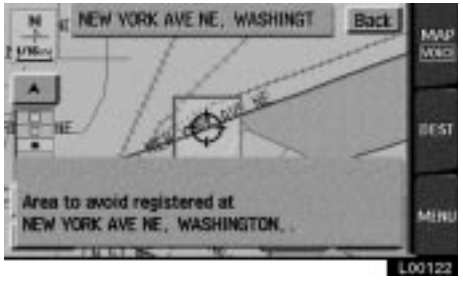
1. Touch the "Register" switch under "Area to avoid".

2. Find the area to avoid in the same way as you find any destination. (See pages 4 through 7.)

3. Touch the "OK" switch when the cursor is at the center of the area that you want to avoid.

4. Depending on the contents to be edited, touch either ▲ or ▼ switch.

When you touch the **"OK"** switch, the following message appears.

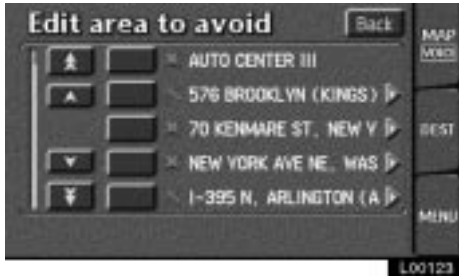


After a few seconds, the "Marked points" screen returns.

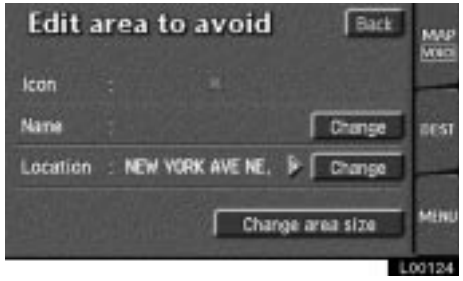
Area to Avoid

(b) Editing area to avoid

1. Touch the "Edit" switch under "Area to avoid" to display the "Edit area to avoid" screen.



2. Touch the point you want to edit from the list.



You can edit the name, location and size of the area to avoid. Touch the change switch of any item that you want to edit.

3. Edit the name, location or size of the area to avoid.

When editing is completed, touch the **"OK"** switch.

INFORMATION

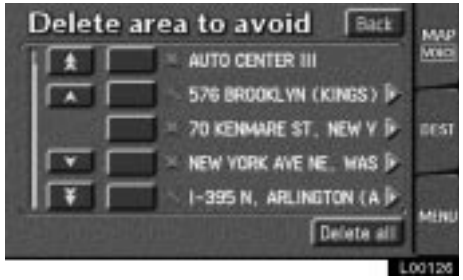
- ***If you try to change the map to an inappropriate scale, a message appears.***
- ***For magnification or reduction of the map scale, see page 30.***

II

Area to Avoid

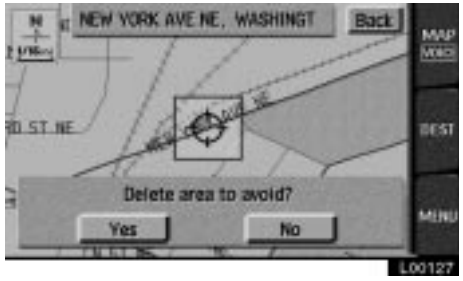
(c) Deleting area to avoid

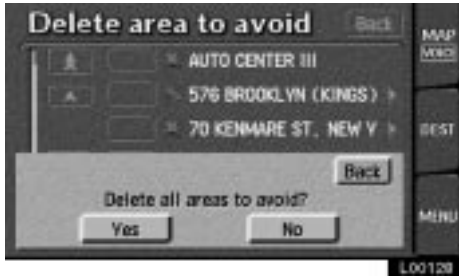
1. Touch the "Delete" switch to display the Delete area to avoid screen.



2. Select the area you want to delete.

Delete all: All areas to avoid registered in the system are deleted.





3. Either of the above messages appears.

To delete the area(s), touch the **"Yes"** switch.

If you want to try again or cancel the deletion, touch the **"No"** switch. The previous screen will return.

Current Position Calibration

The current vehicle position mark will be automatically corrected during driving on reception of GPS signals. If your vehicle cannot receive GPS signals, you can correct the current position mark manually.

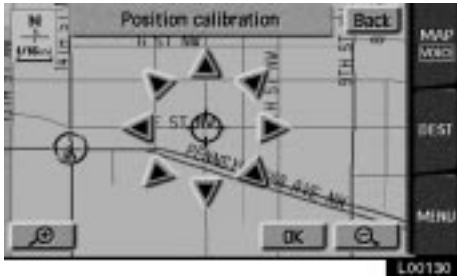
1. Touch the "MENU" tab on the screen to display the "Menu" screen, and touch the "Setup" switch.

2. Touch the "Calibration" switch.

3. Touch the "Position/Direction" switch.

INFORMATION
For additional information on current position accuracy, see "Limitations of the Navigation System" on page 32.

POSITION/DIRECTION CALIBRATION



1. Touch the scroll arrows to move the cursor ⌖ to your desired location.

Touch the **"OK"** switch.

II

Current Position Calibration

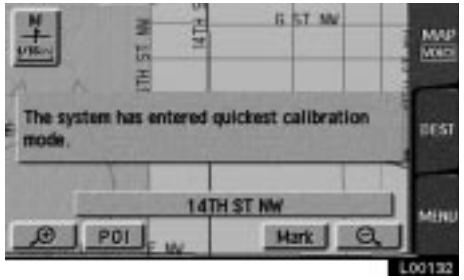
2. Touch either the left or right arrow to correct the direction of the current vehicle position mark.

Touch the **"OK"** switch on the screen and the map screen returns.

TIRE CHANGE CALIBRATION

The tire change calibration function should be used when the tires are replaced. This will adjust for any possible change in tire circumference from the old tires to the new ones. If this procedure is not performed when tires are replaced, the current vehicle position mark may become incorrect.

To execute the fast distance tire calibration procedure, touch the **"Tire change"** switch on the "Calibration" screen.



The above message appears and the fast distance calibration is automatically started. A few seconds later, the map screen returns.

SECTION III

MORE ADVANCED FUNCTIONS

Convenient features

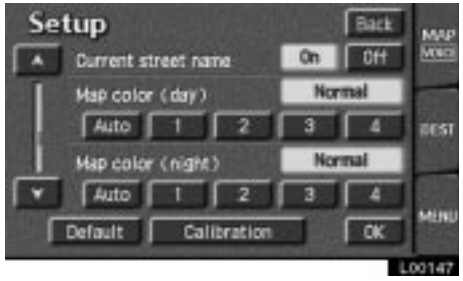
Setup 60
Map color 60
Auto reroute 61
Estimated travel time 62
Distance indication 64
Notification of seasonal restrictions 64
Voice guidance in all modes 65
Current street name 65
Maintenance information 66
Dealer setting 68
Calendar with memo 71

Setup

You can set the values shown on the Set-up screen.

1. Touch the "MENU" tab on the screen.

2. Touch the "Setup" switch to display the "Setup" screen. Select your desired items you want to set. Selected items will be highlighted in green.



3. Touch the "OK" switch on the screen and the previous screen returns.

To default: Touch the **"Default"** switch on the screen. All of the settings can be defaulted.

Map colour (day or night): You can select your desired map color.

Auto reroute: You can set the system will or will not automatically search for a new route to the destination.

Estimated travel time: You can set to display the time required to reach the destination on the route guidance screen.

Adjust time zone: You can select your desired time zone.

Distance: You can change "km" or "miles" to display your desired units.

Notify seasonal restrict: You can select to notify or not to notify a seasonal restriction.

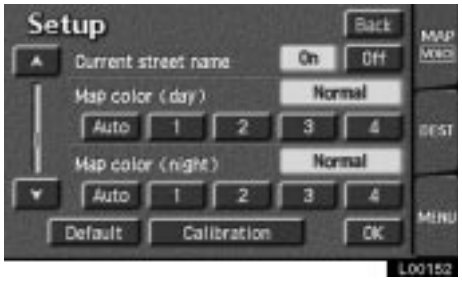
Voice guide in all modes: You can set the voice guide in all modes or not.

Current street name: You can select to show or not to show a current street name on the map screen.

Map Color

1. Touch the "MENU" tab on the screen.

2. Touch the "Setup" switch.



3. Select your desired day and/or night map color and then touch the "OK" switch to return to the map screen. See "Map color list" below for details.

Touch the **"Normal"** switch to select the default map color.

Touch the **"Auto"** switch to have the map color selected automatically. The map color changes every three months.

Map Color

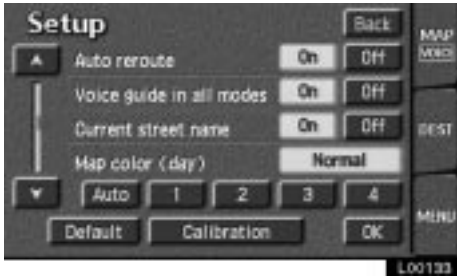
Map color list

Switch NO.	Map color	"Auto" mode
1	Green	Mar.–May
2	Blue	Jun.–Aug.
3	Gray	Sep.–Nov.
4	Beige	Dec.–Feb.

Auto Reroute

When the auto reroute feature is turned on, the system will automatically search for a new route to the destination if you leave the guidance route. This feature does not operate while you are driving on roads where the guidance is not available.

1. Touch the "MENU" tab on the screen to display the "Menu" screen, and touch the "Setup" switch.



2. Touch the "On" switch of "Auto reroute". If you can not find the item on the list, touch ▼ or ▲ to scroll up or down the list.

INFORMATION

If your vehicle leaves the guidance route, the system searches for a new route to the destination. The new route may or may not take you back to the previous route depending on how far you are off the original guidance route.

III

Estimated Travel Time

When the estimated travel time feature is turned on, the time required to reach the destination is displayed on the route guidance screen.

To turn the estimated travel time on:

1. Touch the "MENU" tab on the screen to display the "Menu" screen, and touch the "Setup" switch.

2. Touch the "On" switch of the "Estimated travel time". If you cannot find the item on the list, touch ▼ or ▲ to scroll up or down the list.

To set average speeds:

1. Touch the "Change speed" switch of "Estimated travel time".

2. Touch ◄ or ► to set average vehicle speeds for driving on a freeway, main street and residential road.

If you touch the **"Default"** switch, the default speed is set at each item.

3. After you finish setting the desired speeds, touch the "OK" switch. The "Setup" screen returns.

Estimated Travel Time

INFORMATION

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

Adjusting Time Zone

1. Touch the "MENU" tab on the screen.

2. Touch the "Setup" switch.

3. Touch the "Adjust" switch. The "Adjust time zone" screen appears on the display.

4. Select your desired time zone. The selected switch is highlighted in green.

Touch the **"On"** switch and then touch ◄ or ► to set daylight saving time.

5. Touch the "OK" switch on the screen. The "Setup" screen returns.

III

Distance Indication

1. Touch the **"MENU"** tab on the screen.

2. Touch the **"Setup"** switch.

3. Touch **"km"** or **"mile"** to select your desired units.

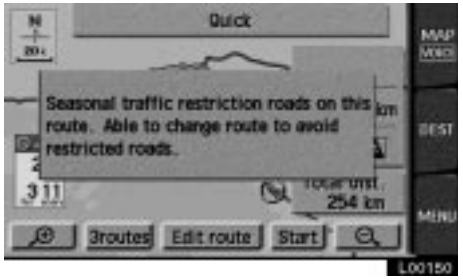
4. Touch the **"OK"** switch.

Notification of Seasonal Restrictions

1. Touch the **"MENU"** tab on the screen.

2. Touch the **"Setup"** switch.

3. Touch the **"On"** switch of the "Notify seasonal restrict". Touch the **"OK"** switch. The screen returns to the current position map.

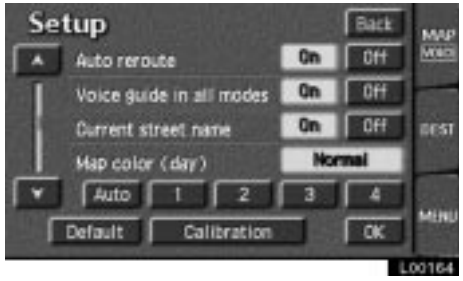


The restricted road icon and message will appear on the screen.

Voice Guidance in All Modes

1. Touch the "MENU" tab on the screen.

2. Touch the "Setup" switch.

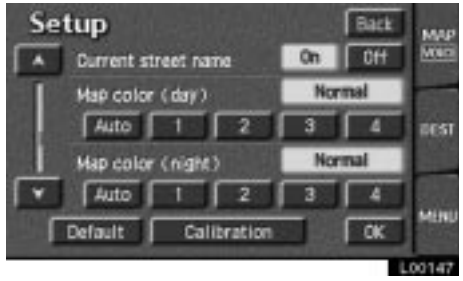


3. Touch the "On" switch on the right of "Voice guide in all modes".

Current Street Name

1. Touch the "MENU" tab on the screen.

2. Touch the "Setup" switch.



III

Current Street Name

3. Touch the "On" switch on the right of "Current street name".

The current street name appears on the map screen.

Maintenance Information

This system has a function which informs you of the time to replace certain parts or components as well as other information shown on the screen. (See "INFORMATION ITEMS" on page 67.) When the system begins operating after reaching either the Information Item's date or driving distance, the "Information" screen will be displayed.

To avoid seeing the "Information" screen again, touch the **"Do not display this message again"** switch.

1. Push the "INFO" button to display the Information Menu screen, and then touch the "Maintenance" switch.

2. Touch your desired icon and input the conditions.

Maintenance Information

Date: Input the next maintenance date.

Distance: Input the driving distance until the next maintenance check. You can input up to five digits for the driving distance.

When you touch the **"!"** switch on the screen, the screen changes to display the "Change name" screen. Touch the keys to input your desired name and then input the conditions.

After you input the information, touch the **"OK"** switch. The screen returns to the "Maintenance" screen. The icon color will change to green after the date or driving distance are input. The icon color will change to orange when your Lexus needs to be serviced. The following switches appear on the Maintenance screen.

Delete All: Cancel all conditions which have been input.

Reset all: Reset all items which satisfy either condition.

Touch the **"Off"** switch on the "Maintenance" screen, and the "Information" screen will no longer be displayed.

INFORMATION

- ***For scheduled maintenance information, please refer to the "Owner's Manual Supplement/Maintenance schedule".***
- ***Depending on your driving or the road conditions, the system may have a time–lag between the data which has been input and the actual date and driving distance.***

INFORMATION ITEMS

Oil change

Replace oil filter

Rotate tires

Replace tires

Replace battery

Replace brake linings

Replace wiper blades

Replace engine coolant

III

Maintenance Information

Replace brake fluid

Replace ATF

Scheduled maintenance

Replace air filter

Personal

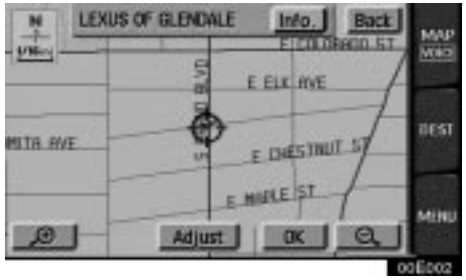
Dealer Setting

You can register your dealer's name and address. Touch the "Set dealer" switch on the Maintenance screen.

(a) Registering dealer

1. Enter your dealer's location address in the same way as you input any destination. (See pages 4 through 7.)

Dealer Setting



2. After you enter your dealer, the screen changes and displays the map location of the dealer. If it is OK, touch the "Enter" switch.

The current screen changes to the screen where you can edit the data of your dealer. (See (b) Editing dealer.)

Touch the **"View map"** switch of "Edit dealer" to see the location of the dealer and route preferences. (See "(a) Entering destination" on page 8.)

(b) Editing dealer

1. Touch the "Set dealer" switch and touch the "Change" switch of the item to be edited.

EDITING THE NAME OF THE DEALER OR CONTACT

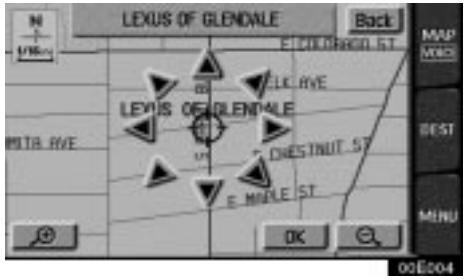
Touch alphabet or numeral keys directly to input the name.

After you finish your entry, touch the **"OK"** switch. The previous screen will be displayed.

III

Dealer Setting

EDITING THE LOCATION



Touch the arrows to scroll to your desired point on the map screen.

Touch the **"OK"** switch when the cursor ⌖ moves to your desired point.

The previous screen will be displayed.

EDITING THE PHONE NUMBER

Touch numeral keys directly.

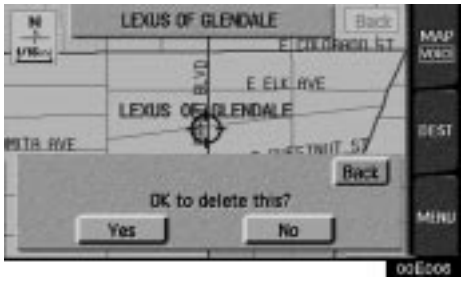
After you finish your entry, touch the **"OK"** switch.

The previous screen will be displayed.

After you finish any editing, touch the "Back" switch.

(c) Deleting dealer

1. Touch the "Set dealer" switch and then touch the "Delete dealer" switch.

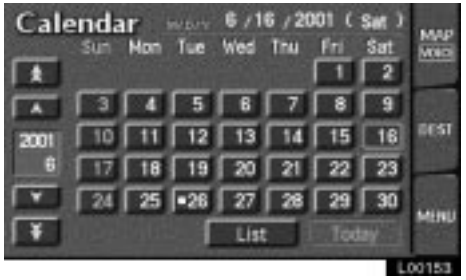


2. A selected point will appear. Also, a message will appear at the bottom of the screen. To delete, touch the "Yes" switch. To cancel the deletion, touch the "No" switch.

Calendar with Memo

This system has a function which informs you the memo you entered. When the system begins operating after reaching the memo's date, the Information screen will be displayed.

The Information screen will not be displayed again by touching the **"Do not display this message again"** switch.



Push the "INFO" button to display the "Information Menu" screen. Touch the "Calendar" switch to display the "Calendar" screen.

Today's date is circled in green. If today's date is not displayed on the screen, touch **"Today"** switch to display a calendar of this month.

(a) Inputting a memo

1. Touch directly on the day you want to input a memo.

2. Touch the "Memo" switch to display the "Memo" screen.

III

Calendar with Memo

3. Touch keys directly to input a memo. You can input up to 24 letters.

After you input the memo, touch the **"OK"** switch at the bottom right of the screen. The previous screen will be displayed.

You can input a memo until December 31. 2020.

The date for which a memo is set is displayed with a mark as in the above illustration. The default color of the mark is white.

You can select your desired date and/or mark color. Touch the "Chg. mark" switch.

Select your desired date or mark color. If you want to default the date color you chose, touch the "Cancel" switch. After you select the date and/or mark color, touch the "OK" switch to display the previous screen.

Calendar with Memo

(b) Adding a memo

When you want to add a memo, touch directly on the date you want to add the memo.

The "Memo" screen appears on the display. If touching "Memo" switch, the memo input screen is displayed. (See page 71 for inputting a memo.)

You can input up to three memos a day.

(c) Deleting a memo

Touch the date for which you already input the memo. Displaying the memo you want to delete and then touch the "Delete" switch. A message appears on the display. To delete, touch the "Yes" switch. If not, touch the "No" switch.

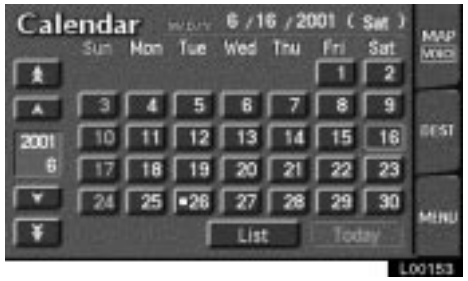
(d) Editing a memo

If you want to edit the memo, touch the date. Touching the "Edit" switch will display the "Memo edit" screen. (See page 71 for the details.)

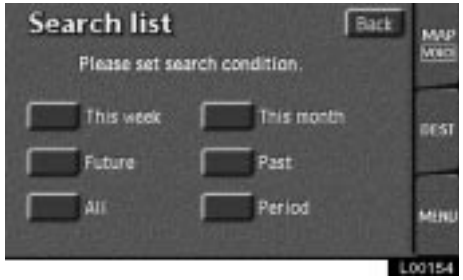
III

Calendar with Memo

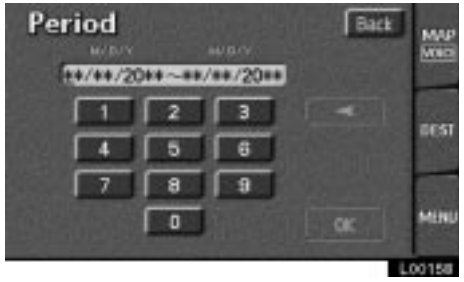
(e) Memo list



If you want to look at the memo you input, touch the "List" switch to display the memo list.



Touch your desired search condition to list the memo. The memo list is displayed on the screen.



Touch the "Period" switch to display the "Memo list" as long as you desire. Touch numeral keys to input your desired search period. After inputting a search period, touch the "OK" switch. The "Memo list" screen will be displayed.

You can input a search period from January 1. 2000 through December 31. 2020.

If you want to delete and/or edit the memo, touch the [redacted] switch of the memo.

If you want to delete all of the memo, touch the "Delete all" switch. A message appears on the display. To delete, touch the "Yes" switch. If not, touch the "No" switch.

Calendar with Memo

If you want to remove all of the date colors you input, touch the "Remove color of date" switch. A message appears on the display. To remove the colors, touch the "Yes" switch. To allow the colors to remain, touch the "No" switch.

To edit: Touch the **"Edit"** switch. (See page 73 for details.)

To delete: Touch the **"Delete"** switch. (See page 73 for details.)

III

SECTION IV

OTHER FUNCTIONS

Screen adjustment 78
Screen transition 78

Screen Adjustment

You can adjust the brightness or contrast of the screen depending on the brightness of your surroundings. You also can turn the screen off.

1. Push the "DISPLAY" button. The following adjustment screen appears.

BRIGHTNESS: Adjusts the brightness of the screen.

CONTRAST: Adjusts the contrast of the screen.

2. Touch "+" or "–" for adjustment.

"–": The screen becomes dark or its contrast becomes weak.

"+": The screen becomes bright or its contrast becomes strong.

You can adjust the brightness and contrast with exterior light on or off individually.

3. After adjusting the brightness and contrast, touch the "OK" switch.

Touching the **"SCREEN OFF"** switch turns the screen off.

Screen Transition

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

1. Push the "INFO" button to display the "Information Menu" screen. Touch "Screen Transition".

Screen Transition

2. Select “ON” or “OFF” and then touch “OK”.

ON: The previous screen automatically returns from the audio screen 20 seconds after the end of audio operation.

OFF: The audio screen remains on.

SECTION V

AUDIO SYSTEM

Audio system 82

Audio System

Quick reference for your audio system

“PWR·VOL” knob
Push this knob to turn the audio system on and off, and turn it to adjust the volume. For details, see page 84.

“SEEK/TRACK” button
Push eithr side of this button to seek up or down for a station, or to access a desired program or track. For details, see pages 88, 93 and 96.

“SCAN” button
Push this button to scan radio stations or scan the tracks on a compact disc. For details, see pages 88 and 97.

“AUDIO” button
Push this button to display the audio control screen. For details, see page 84.

“TILT” button
Push this button to tilt the display. For details, see page 83.

“OPEN” button
Push this button to open the display to access the slots for the cassette tape player and compact disc player. For details, see pages 83, 91 and 94.

Function switch display screen
Touch the switches displayed on the screen to control the radio, cassette tape player and compact disc player. For details, see page 85.

“TUNE” knob
Turn this knob to move up or down the station band. For details, see page 87.

“AM” button
Push this button to choose an AM station. For details, see pages 84 and 87.

“FM” button
Push this button to choose a FM station. For details, see pages 84 and 87.

“DISC” button
Push this button to turn the compact disc player on. For details, see pages 84 and 94.

“TAPE” button
Push this button to turn the cassette tape player on. For details, see pages 84 and 91.

“TRAF” button
Push this button to seek a station that broadcasts traffic information regularly. For details, see pages 84 and 90.

Audio System

Your audio system

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

If you turn the ignition switch off, the display will automatically move back to position 0. The display will automatically resume the previous position you used when the ignition switch is turned to the “ACC” or “ON” position.

The slots for the cassette tape player and compact disc player are behind the display.

To lower the display, push the “OPEN” button. After you inserting the cassette tape or compact disc, push the button again to close the display.

⚠ CAUTION

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

NOTICE

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

V

Audio System

Using your audio system: some basics

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

Your audio system works when the ignition switch is in the “ACC” or “ON” position.

NOTICE

To prevent the battery from being discharged, do not leave the car audio on longer than necessary when the engine is not running.

(a) Turning the system on and off

POWER–VOL: Push this knob to turn the audio system on and off. Turn this knob to adjust the volume. The system turns on in the last mode used.

AUDIO: Push this button to display switches for audio system (audio control mode).

You can select the function that enables automatic return to the previous screen from the audio screen. See page 78 for details.

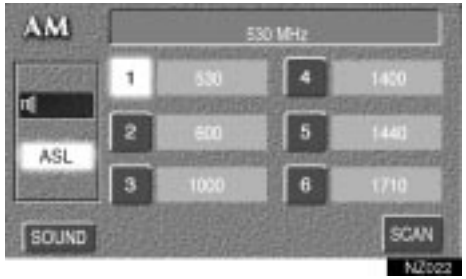
Push “AM”, “FM”, “DISC”, “TAPE” or “TRAF” button to turn on the desired mode. The selected mode turns on immediately.

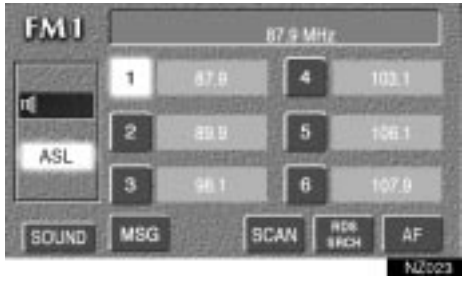
Push these buttons if you want to switch from one mode to another.

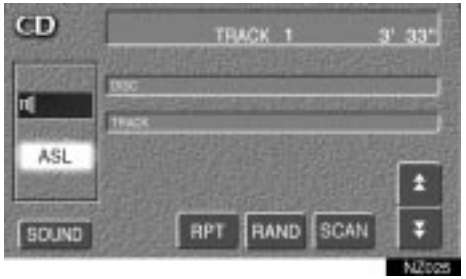
If the tape or disc is not set, the cassette player or compact disc player does not turn on.

You can turn off the cassette player or compact disc player by ejecting the cassette tape or compact disc. If the audio system was previously off, then the entire audio system will be turned off when you eject the cassette tape. If another function was previously playing, it will come on again.

Audio System







The switches for radio, cassette tape and compact disc player operation are displayed on the function switch display screen when the audio control mode is selected. Touch them lightly and directly on the screen.

The selected switch is highlighted in green.

INFORMATION

- ***If the system does not respond to a touch of a switch, move your finger away from the screen and then touch it again.***
- ***You cannot operate dimmed switches.***
- ***Wipe off fingerprints on the surface of the display using a glass cleaning cloth.***

(b) Tone and balance

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

A good balance of the left and right stereo channels and of the front and rear sound levels is also important.

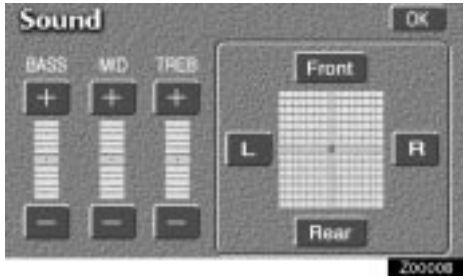
Keep in mind that if you are listening to a stereo recording or broadcast, changing the right/left balance will increase the volume of one group of sounds while decreasing the volume of another.

(c) Automatic sound levelizer

When the audio sound becomes difficult to be heard due to road noise, wind noise,etc. during driving, the system adjusts to the optimum volume according to the noise level. To turn this function on, touch the “ASL” on the audio control screen.

V

Audio System



Touching the “SOUND” switch displayed on the screen at the audio control mode will display the sound control mode. Adjust the tone and balance as follows.

To adjust the tone, touch the “+” or “–” switches on the screen. To adjust the balance between the front and rear speakers, touch the “Front” or “Rear” switch on the screen, and to adjust the balance between the left and right, touch the “L” or “R” switch on the screen.

BASS: Adjusts low–pitched tones.

MID: Adjusts mid–pitched tones.

TREB: Adjusts high–pitched tones.

As the orange display goes up, each tone is more emphasized.

(d) Your radio antenna

Your vehicle has an antenna printed on the inside of the rear window.

NOTICE

Attaching the film (especially conductive or metallic type) on the rear window will noticeably reduce the sensitivity of the radio.

(e) Your cassette player

When you insert a cassette, insert it with the exposed tape side to the right.

NOTICE

Do not oil any part of the cassette player, and do not insert anything except a cassette tape into the slot.

(f) Your compact disc player

When you insert a compact disc, insert it with the label side up. The compact disc player will play from track 1 through the end of the disc. Then it will play from track 1 again.

NOTICE

Never try to disassemble or oil any part of the compact disc player. Do not insert anything except a compact disc into the slot.

The player is intended for use with 12 cm (4.7 in.) discs only.

Audio System

Radio operation

(a) Listening to the radio

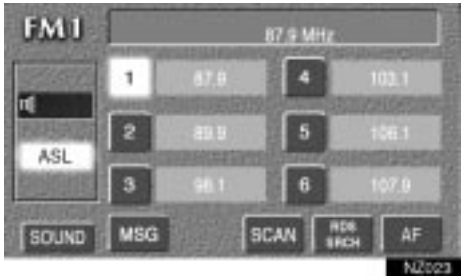
Push these buttons to choose either an AM or FM station.

"AM", "FM1" or "FM2" appears on the screen.

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

Your radio automatically changes to stereo reception when a stereo broadcast is received. "ST" appears on the screen. If the signal becomes weak, the radio reduces the amount of channel separation to prevent the weak signal from creating noise. If the signal becomes extremely weak, the radio switches from stereo to mono reception. In this case, "ST" disappears from the screen.

(b) Presetting a station



1. Tune in the desired station.

2. Touch one of the station selector switches (1–6) and hold it until a beep is heard. This sets the station to the switch and the frequency appears on the switch

Each radio mode (AM, FM1 or FM2) can store up to 6 stations. To change the preset station to a different one, follow the same procedure.

The preset station memory is cancelled when the power source is interrupted by battery disconnection or a blown fuse.

V

Audio System

(c) Selecting a station

Your vehicle has an electronic tuning radio (ETR). Tune in the desired station using one of the following methods.

Preset tuning: Touch the switch (1–6) for the station you want. The switch is highlighted in green and the station frequency appears on the screen.

Seek tuning: Push the “SEEK/TRACK” button on either side. The radio will begin seeking up or down for a station of the nearest frequency and will stop on reception. Each time you push the button, the stations will be searched out one after another.

To scan all the frequencies: Touch the “SCAN” switch on the screen or push the “SCAN” button briefly. “SCAN” appears on the screen. The radio will find the next station and stay there for a few seconds, and then scan again. To select a station, touch the “SCAN” switch or push the “SCAN” button again.

To scan the preset stations: Touch the “SCAN” switch on the screen or push the “SCAN” button for longer than 2 seconds. “P. SCAN” appears on the screen. The radio will tune in the next preset station, stay there for a few seconds, and then move to the next preset station. To select a station, touch the “SCAN” switch or push the “SCAN” button again.

(d) Radio Data System

Your audio system is equipped with Radio Data Systems (RDS). RDS mode provides you to receive text messages from radio stations that utilize RDS transmitters.

When RDS is on, the radio can
—only select stations of a particular program type,
—display messages from radio stations,
—search for a stronger signal station,
—search for local stations broadcasting the same network as the vehicle travels,
—receive announcements concerning local and national emergencies (even if RDS function is turned off).

RDS features are available for the use only on FM stations which broadcast RDS information.

Audio System

"RDS SRCH" switch

This switch allows you to search all available RDS stations out of the entire FM band and sort them by program type (See following "TYPE" switch for details on program types).

By touching this button at the FM mode, RDS is turned on and the radio is switched to FM type mode. During the program type search, "RDS SEARCH" will be shown on the screen. Also at this time, "FM TYPE" will appear on the screen to indicate that the station selector switches are for program type.

After searching for all the available RDS stations, the radio will activate the previously used program type. If the previously used program type is not available, or if the radio has not yet performed a program type search, the radio will activate the first available program type that has stations in memory. The radio will preset the stations of the current program type into the preset buttons.

These are accessible through the "TYPE" switch. If more than 6 stations are found, the radio will load the 6 strongest stations signal of the program type into the presets.

If no RDS stations are found, "No RDS Stations Found" will be displayed and the beep sounds. Then the radio will return to the previous FM mode and frequency.

"Alert"

This type of announcement warns of national or local emergencies. You will not be able to turn off alert announcements. Alert announcements will come on even if RDS mode is turned off. "Alert" appears on the screen when an alert announcement plays. The radio uses TA volume during these announcements. When an alert announcement comes on the tuned radio station or a related network station, you will hear it even if the volume is muted or a cassette tape or compact disc is playing. If the radio tunes to a related network station for an alert announcement, it will return to the original station when the announcement is finished. If the cassette tape or compact disc player is playing, play will stop for the announcement and resume when the announcement is finished.

"MSG" (Message)

When an RDS radio station transmits a text message, "MSG" will be displayed. At this time, touch the "MSG" switch to view the text message. The message display will be canceled if any button that affects the display is pushed. To view the message again, touch the "MSG" switch again. After the entire message has been displayed, the message will disappear.

The RDS audio system has memory to store three 64 character messages. To store a message in memory, touch and hold the "STORE" switch until you hear a beep.

If 3 messages are already stored in memory, the oldest message will be overwritten by the new message.

V

Audio System

To recall a radio text messages stored in memory, touch the “RECALL” switch. Touching the “LATEST MESSAGE” will display the most recent message.

If no messages have been stored, or if there are no more messages to be recalled, “RECALL” switch is dimmed. The message display will be canceled if you activate any function that affects the display.

“TYPE” switch

This switch is used for changing the program type (PTY) of RDS stations in all RDS mode. 8 program types are available as listed here.

The following program type names are available.

- ROCK
- EASY LIS
- CLS/JAZZ
- R & B
- INFORM
- RELIGION
- MISC
- ALERT (Emergency message)

(e) Traffic announcement

“TRAF” button

This button turns the traffic announcement (TA) feature on and off.

Pushing this button turns on RDS if it was off and the traffic announcement feature will come on (“TRAF” will appear and start blinking). When the radio is tuned to a traffic station, “TRAF” will stop blinking.

If the current station is not a traffic station, the radio will start a traffic program search in increasing frequency order. During a traffic program search, “TRAF SEEK” will display. If no traffic programs are found, “NOTHING” will display.

If the radio receives a traffic announcement, it will interrupt the cassette player or compact disc mode (if either one is on), adjust the volume to Traffic Announcement level, and broadcast the traffic announcement. During a traffic announcement, “Traffic” will appear on the screen. After traffic announcement is finished, it will return to the previous mode and volume level.

TA volume memory function—The volume level when receiving the traffic announcement is memorized.

Audio System

When “TA” is received next time, the system compares the volume before “TA” is received and the memorized TA volume and automatically selects the louder volume. However, the range of volume memory is limited: if the volume received previously is less than the minimum, this volume will be used.

You can adjust the volume independently from the memorized TA volume range while receiving a TA station.

Traffic announcement can be canceled by turning RDS off, or pressing the “TRAF” button again.

Cassette tape player operation

(a) Playing a cassette tape

To insert a cassette tape, push the “OPEN” button to lower the display. Put the cassette tape in the slot with the exposed tape side to the right and lightly push it in.

The player will automatically start when you insert the cassette tape. At this time, “Tape” appears on the screen.

If a metal or chrome equivalent cassette tape is put in the cassette player, the player will automatically adapt to it and “MTL” appears on the screen.

⚠ CAUTION

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

V

Audio System

NOTICE

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

To stop and eject the cassette tape, push the "OPEN" button to lower the display. Push the "TAPE ⏏" button.

Push the "TAPE" button if a cassette tape is already in the slot.

Dolby® Noise Reduction* feature: If you are listening to a tape that was recorded with Dolby* Noise Reduction, touch the DOLBY switch on the screen. The symbol is highlighted in green.

The Dolby NR mode reduces tape noise by about 10 dB. For best sound reproduction, play your tapes with the Dolby NR on or off according to the mode used for recording the tape.

To play a tape recorded without Dolby NR, touch the switch once again.

Audio System

* Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. “DOLBY” and the double–D symbol are trademarks of Dolby Laboratories Licensing Corporation.

(b) Manual program selection

Program switch: Touch the “◀I▶” switch on the screen to select the other side of a cassette tape. The display indicates which side is currently selected (▲ indicates top side, ▼ indicates bottom side).

Fast forward switch: Touch the “▶▶” switch on the screen to fast forward a cassette tape. “FF” appears on the screen.

To stop fast forwarding, touch the same switch or push the “TAPE” button.

Rewind switch: Touch the “◀◀” switch on the lower side to rewind a tape. “REW” appears on the screen.

To stop rewinding, touch the same switch or push the “TAPE” button.

Auto–reverse feature: After the cassette player reaches the end of a tape, it automatically reverses and begins to play the other side, regardless of whether the cassette was playing or fast forwarding.

(c) Automatic program selection

“RPT” switch: The repeat feature automatically replays the current program.

Touch the “RPT” switch while the program is playing. When the program ends, it will automatically be rewound and replayed. Touch the switch again to turn off the repeat feature.

There must be at least 5 seconds of blank space between programs for the repeat feature to work correctly.

“SKIP” switch: The skip feature allows you to fast forward past long stretches of blank tape. This is especially useful at the end of cassettes.

Touch the “SKIP” switch. The player will automatically skip any blank portions of 15 seconds or more and play the next program. To cancel it, touch the switch once again.

“SEEK/TRACK” button: The automatic program selection feature allows you to program your cassette player to skip forward or backward to locate the track you want to listen to. You can skip up to 9 programs at a time.

Push the upper side of this button to skip forward. “FF” and the number will appear on the screen. Push the button until the number of programs you want to skip appears on the screen. After that, the player will automatically skip forward.

When the end of the tape is reached, the player automatically reverses sides and resumes normal play.

V

Audio System

Push the lower side of this button to skip backward. Push the button until “REW” and the number of programs you want to skip appears on the screen.

- If you set “REW 1”, the player will rewind to the beginning of the current program.
- When counting the number of programs you want to rewind, remember to count the current program as well. For example, if you want to rewind to a program that is two before the program you are listening to, push this button until “REW 3” appears on the screen.

When the beginning of the tape is reached, the player automatically resumes normal play.

There must be at least 5 seconds of blank space between programs for this feature to work correctly.

“RPT”, “SKIP” or Automatic program selection features: These features may not work well with some spoken word, live or classical recordings.

Compact disc player operation

(a) Playing a compact disc

To insert a compact disc, push the “OPEN” button to lower the display. Put the compact disc in the slot with the label side up.

The player will automatically start when you insert the compact disc. At this time, “CD” appears on the screen.

If the label faces down, the disc cannot be played. In this case, “CD ERROR” appears on the screen.

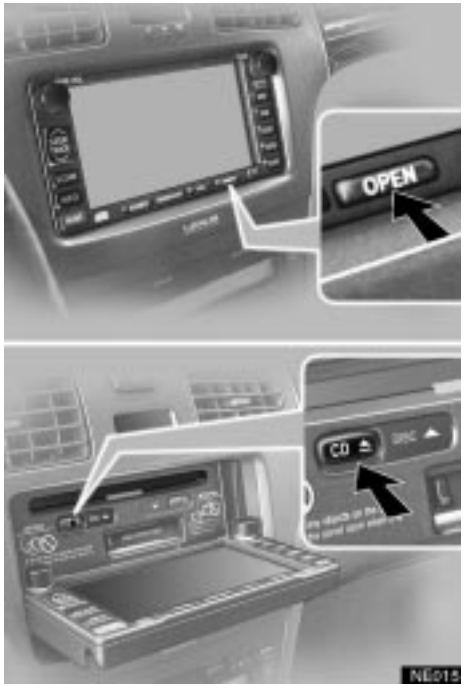
⚠ CAUTION

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

Audio System

NOTICE

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



To stop and eject the compact disc, push the "OPEN" button to lower the display. Push the "CD ⏏" button.

Push the "DISC" button if a compact disc is already loaded in the slot.

"CD" appears on the screen.

V

Audio System

With CD changer—

Push the “DISC” button twice if the magazine is already loaded in the player.

“CD CHANGER” appears on the screen.

The discs set in the magazine are played continuously. The number of the currently–playing disc, the track number and the time from the beginning of the program are shown on the screen.

When play of one disc ends, the first track of the following disc starts. When play of the final disc ends, play of the first disc starts again.

The player will skip any empty disc trays.

Pushing the “DISC” button while playing a disc in the CD changer will switch from the disc in the changer to the disc in the compact disc player.

If you push the “DISC” button when the source is other than the compact disc, a disc in the compact disc player or CD changer, whichever was previously used, will play.

(b) Selecting a desired disc (with CD changer)

Touch the desired disc number on the screen.

The selected disc number is highlighted in green.

The player will start playing the selected disc from the first track.

(c) Searching for a desired disc (with CD changer)

Touch the “DISC SCAN” switch.

With “DISC SCAN” highlighted in green , the program at the beginning of each disc will be played for 10 seconds. To continue listening to the program of your choice, touch the “DISC SCAN” switch a second time.

After all the tracks are scanned in one pass, normal play resumes.

(d) Selecting a desired track

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

Push either side of the “SEEK/TRACK” button and hold it until the desired track number appears on the screen. As you release the button, the player will start playing the selected track from the beginning.

Fast forward: Touch the “ ” switch and hold it to fast forward the disc. When you release the switch, the compact disc player will resume playing from that position.

Reverse: Touch the “ ” switch and hold it to reverse the disc. When you release the switch, the compact disc player will resume playing.

Audio System

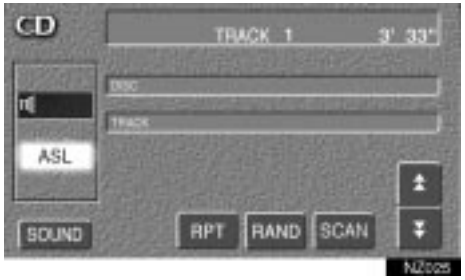
(e) Searching for a desired track

Touch the “SCAN” switch on the screen or push the “SCAN” button.

The compact disc player will play the next track for 10 seconds, then scan again. To select a track, touch the “SCAN” switch on the screen or push the “SCAN” button a second time. If the player reaches the end of the disc, it will continue scanning at track 1.

After all the tracks are scanned in one pass, normal play resumes.

(f) Other compact disc player functions



“RPT” switch: Use it for automatic repeat of the track you are currently listening to.

Touch the switch while the track is playing. When the track is finished, the player will automatically go back to the beginning of the track and play the track again. To cancel it, touch the switch once again.

“DISC RPT” switch (with CD changer): Use it for automatic repeat of the disc you are currently listening to.

Touch the switch while the disc is playing. When the disc is finished, the player will automatically go back to the beginning of the disc and play the disc again. To cancel it, touch the button once again.

“RAND” switch: Use it for automatic and random selection.

When the switch is touched, the system selects a track in the disc. To cancel it, touch the switch once again.

“DISC RAND” switch (with CD changer): Use it for automatic track selection for all the discs and play by the system.

When the switch is touched, the system selects a track in the discs of all the magazines which are set and plays it. To cancel it, touch the switch once again.

When a track is skipped or the system is inoperative, touch the switch to reset.

V

(g) If the player malfunctions

If “WAIT” appears on the screen, audio signals of the disc cannot be read or the system has trouble. Push the “DISC” button once again.

If the player does not operate, check that the disc surface is not soiled or damaged. If the disc is O.K., the following causes are possible.

- The temperature of the player’s internal mechanism may be raised because of high external temperature. Remove the disc from the player to cool it.

With CD changer—

- Condensation may have occurred on the internal mechanism of the automatic changer. Open the cover to let the air circulate.
- The temperature of the player’s internal mechanism may be raised because of high external temperature. Remove the magazine from the player to cool it.

If the player still does not operate, have it checked by your Lexus dealer.

Car audio system operating hints

NOTICE

To ensure the correct audio system operation:

- ***Be careful not to spill beverages over the audio system.***
- ***Do not put anything other than a cassette tape or Compact Disc into the slot.***
- ***The use of cellular phone inside or near the vehicle may cause a noise from the speakers of the audio system which you are listening to. However, this does not indicate a malfunction.***

RADIO RECEPTION

Usually, a problem with radio reception does not mean there is a problem with your radio—it is just the normal result of conditions outside the vehicle.

For example, nearby buildings and terrain can interfere with FM reception. Power lines or telephone wires can interfere with AM signals. And of course, radio signals have a limited range. The farther you are from a station, the weaker its signal will be. In addition, reception conditions change constantly as your vehicle moves.

Here are some common reception problems that probably do not indicate a problem with your radio:

FM

Fading and drifting stations—Generally, the effective range of FM is about 40 km (25 miles). Once outside this range, you may notice fading and drifting, which increase with the distance from the radio transmitter. They are often accompanied by distortion.

Multi–path—FM signals are reflective, making it possible for two signals to reach your antenna at the same time. If this happens, the signals will cancel each other out, causing a momentary flutter or loss of reception.

Static and fluttering—These occur when signals are blocked by buildings, trees, or other large objects. Increasing the bass level may reduce static and fluttering.

Audio System

Station swapping—If the FM signal you are listening to is interrupted or weakened, and there is another strong station nearby on the FM band, your radio may tune in the second station until the original signal can be picked up again.

AM

Fading—AM broadcasts are reflected by the upper atmosphere—especially at night. These reflected signals can interfere with those received directly from the radio station, causing the radio station to sound alternately strong and weak.

Station interference—When a reflected signal and a signal received directly from a radio station are very nearly the same frequency, they can interfere with each other, making it difficult to hear the broadcast.

Static—AM is easily affected by external sources of electrical noise, such as high tension power lines, lightening, or electrical motors. This results in static.

CARING FOR YOUR CASSETTE PLAYER AND TAPES

For the best performance for your cassette player and tapes:

Clean the tape head and other parts regularly.

- A dirty tape head or tape path can decrease sound quality and tangle your cassette tapes. The easiest way to clean them is by using a cleaning tape. (A wet type is recommended.)

Use high–quality cassettes.

- Low–quality cassette tapes can cause many problems, including poor sound, inconsistent playing speed, and constant auto–reversing. They can also get stuck or tangled in the cassette player.
- Do not use a cassette if it has been damaged or tangled or if its label is peeling off.
- Do not leave a cassette in the player if you are not listening to it, especially if it is hot outside.
- Store cassettes in their cases and out of direct sunlight.
- Avoid using cassettes with a total playing time longer than 100 minutes (50 minutes per side). The tape used in these cassettes is thin and could get stuck or tangled in the cassette player.

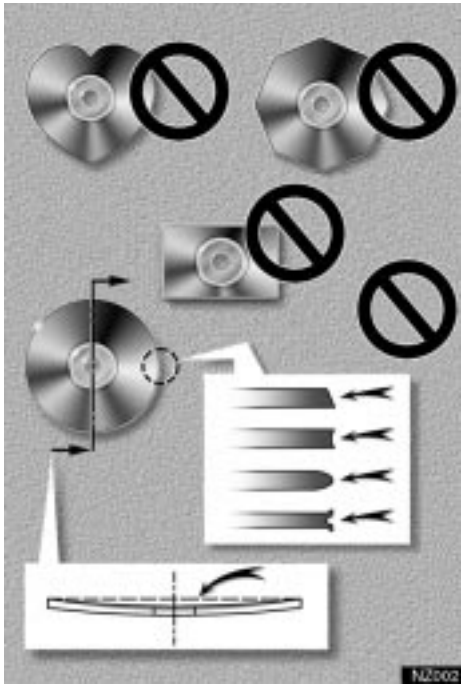
CARING FOR YOUR COMPACT DISC PLAYER AND DISCS

- Use only compact discs labeled as shown above. CD–R (CD–Recordable), CD–RW (CD–Re–writable) and personal computer use CD–ROMs may not be playable on your compact disc player.
- Your compact disc player is intended for use with 12 cm (4.7 in.) discs only.

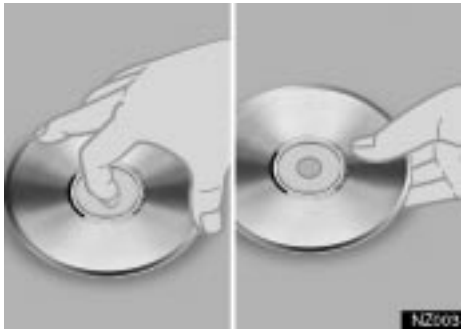
V

Audio System

- Extremely high temperatures can keep your compact disc player from working. On hot days, use the air conditioning to cool the vehicle interior before you listen to a disc.
- Bumpy roads or other vibrations may make your compact disc player skip.
- If moisture gets into your compact disc player, you may not hear any sound even though your compact disc player appears to be working. Remove the disc from the player and wait until it dries.



Your compact disc player cannot play special shaped or low–quality compact discs such as those shown here. Do not use them as the player could be damaged.

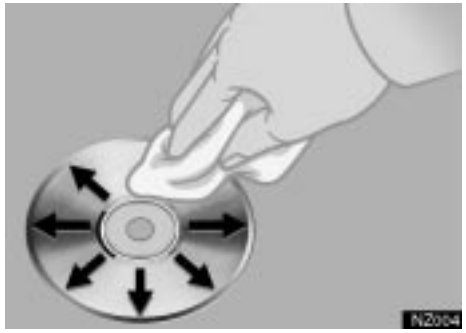


▶Correct ***▶Wrong***

- Handle compact discs carefully, especially when you are inserting them. Hold them on the edge and do not bend them. Avoid getting fingerprints on them, particularly on the shiny side.
- Dirt, scrapes, warping, pin holes, or other disc damage could cause the player to skip or to repeat a section of a track. (To see a pin hole, hold the disc up to the light.)

Audio System

- Remove discs from the compact disc player when you are not listening to them. Store them in their plastic cases away from moisture, heat, and direct sunlight.



To clean a compact disc: Wipe it with a soft, lint–free cloth that has been dampened with water. Wipe in a straight line from the center to the edge of the disc (not in circles). Dry it with another soft, lint–free cloth. Do not use a conventional record cleaner or anti–static device.

⚠ CAUTION

Compact disc players use an invisible laser beam which could cause hazardous radiation exposure if directed outside the unit. Be sure to operate the player correctly.

V