

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 an efficient manner. The routes are generated from a large database that includes all roads contained in AAA state maps along with detailed street coverage for many major metropolitan areas. 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 about 60 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 39 through 41.

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 that may cause damage to the vehicle or its equipment if the warning is ignored. You are informed 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



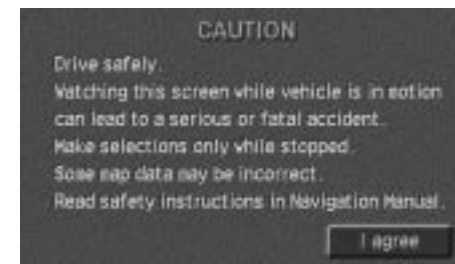
When you start the engine or turn the ignition key to "ACC", the initial "LEXUS" screen appears and the system begins operating.



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.



Please read it and follow the instructions.

If a screen other than for the navigation system is displayed (i.e., for the trip information screen), the current screen would change to the "CAUTION" screen by pushing the "MAP", "DEST" or "MENU" button or by touching the "Maintenance" switch on the information menu screen.

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

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.

Safety Instruction

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 an 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.**

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 operates mainly by the switches on the screen. To protect the screen, lightly touch switches on the screen with your finger. When you touch a switch on the screen or on the bezel, 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

North-up symbol and scale of map

“GPS” mark (Global Positioning System)

“MAP/GUIDE”

“MAP/VOICE” button

“DEST” button

Current vehicle position mark

➤ “zoom IN”/“zoom OUT”

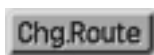
— “INFO” button

—“MENU” button

Push this switch to display the menu screen. This screen allows you to make adjustments or correct settings of various options and functions.



Symbols, Switches and Buttons



Changing the route guidance

When you touch this switch, the Change Route screen will appear. For details, see page 25.



One-touch registration of marked point

To register the current vehicle position as a marked point. For details, see page 54.



Display of point of interest

Symbols such as restaurants and hotels, etc. can be displayed on the screen. For details, see page 33.



Deletion of point of interest

Symbols such as restaurants and hotels, etc. displayed on the screen can be deleted. For details, see page 33.



Heading-up symbol and scale of map

On the map, the vehicle travel direction is up. The red arrow indicates North. Touching this symbol directly on the screen changes the map to North-up. For details, see page 38.

SECTION *I*

BASIC FUNCTIONS

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Descriptions of basic operations in frequent use

Inputting letters and numbers	2
How to move the cursor	3
Destination input Explains 10 ways to input your destination Explains 10 ways to input your destination	NO TAG
<i>Explains 10 ways to input your destination</i>	
Entering destination	23
Route guidance screen	24
Current position display	26
Voice guidance	26
Typical voice guidance prompts	27
Registration of your home	30
Detour setting	31
Displaying points of interest	33
Turn list	34
Guidance screen	36
Map scale	37
Screen scrolling	38
Orientation of the map	38
Limitations of the navigation system	39
Map database information and updates	42

Inputting Letters and Numbers

The navigation system operates by switches on the screen and on the bezel. When you touch a switch, 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.

Inputting Letters and Numbers

- ▶ If a ▶ or a ◀ appears to the right or left of the item name, the complete name is too long for the display. Touch the name, and the name will scroll to the end or beginning of the name.

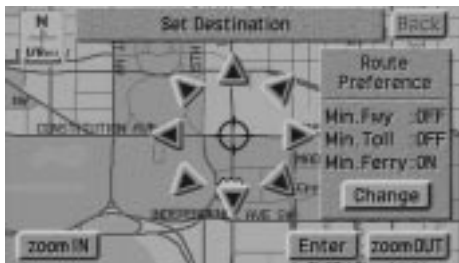
How to Move the Cursor



1. Touch the **“Scroll”** switch to move the cursor .

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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

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



The destination screen allows you to select the region of the country to be searched for your destination.

Touch the “**Change**” switch on the destination screen to display a map of the United States divided into 10 regions.



Touch an area directly to select the search area and the destination screen returns.

Once you choose the region of the country to search, you can use one of 10 different methods to enter your destination.

Destination Input

Address: You can enter the house number, the street address and selected city of your destination. You can find your destination using various methods. See page 6 through 8 for the detailed steps.

1. By Address: You can input the house number and the street address by using the input keys. See page 6 for the detailed steps.

2. By Point of Interest: You can select one of the many points of interest that have been already stored in the system's database. There are about 60 categories to choose from including restaurants, banks and automotive places. See page NO TAG for the detailed steps.

3. 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 15 for the detailed steps.

4. By Previous Destination: You can select a destination from any of the last 10 previously set destinations. See page 16 for the detailed steps.

5. By Home: 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 17 for the detailed steps.

6. 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 17 for the detailed steps.

7. 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 19 for the detailed steps.

8. By Freeway Entrance/Exit: You can enter the name of the freeway (interstate) entrance or exit. See page 20 for the detailed steps.

9. By Previous Starting Point: You can enter a point where the system has started to guide last time. See page 22 for the detailed steps.

10. By Map Selection: You can select a destination simply by touching the location on the displayed map. See page 22 for the detailed steps.

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", "Home", "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

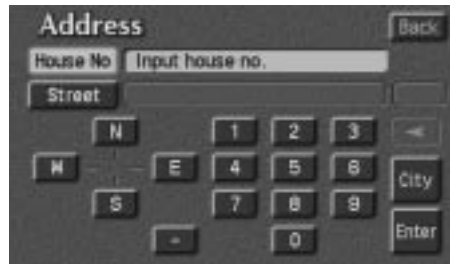
- *When setting the destination, you should use the map on a scale of one half mile or smaller.*
- *To select an “Address”, “Point of Interest”, “Freeway Entrance/Exit” or “Intersection” in a different region, a search area’s change is necessary.*



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 ADDRESS

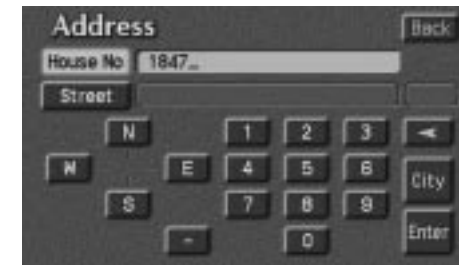


There are 2 ways to input a destination by address.

(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.

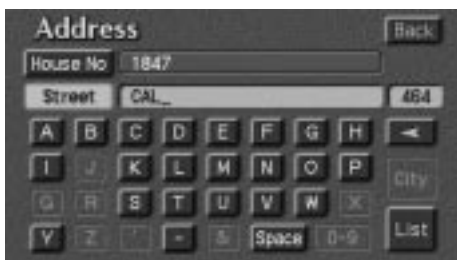
Touch letters directly on the screen to input a house number.



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.

Destination Input by ADDRESS



After each letter is inputted, 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 “Entering Destination” on page 23.)

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.

Destination Input by ADDRESS

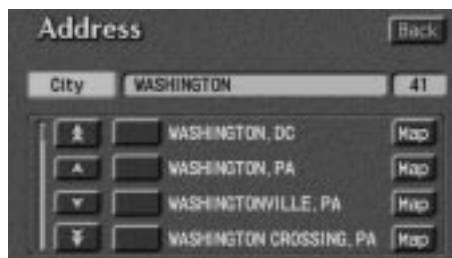
(b) Inputting a city name

The screen for inputting a city name appears if you touch the **“City”** switch on the “Address” screen on page 6.



Input a city name using alphabet keys.

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 ☐ of the desired city name. The current screen changes to the screen which is for inputting a house number. Input a house number and a street name. The screen changes and displays the map location of the selected destination and the route preference. (See “Entering Destination” on page 23.)

Map: If you touch this switch, the screen changes and displays the map location of the selected city and the route preference. (See “Entering Destination” on page 23.)

Destination Input by POINT OF INTEREST

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

(a) Input the name of the point of interest directly.

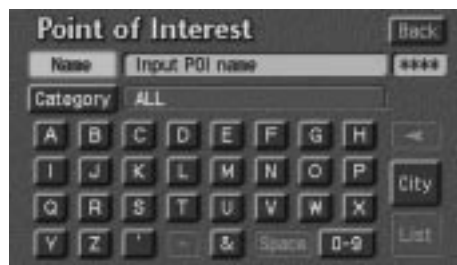
(b) Inputting a city name first.

(c) Selecting from the points of interest 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 of the point of interest directly

Touch the “Point of Interest” switch on the destination screen.



The “Point of Interest” 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.



Touch the  of your desired destination. The screen changes and displays the map location of the selected destination and the route preference. (See “Entering Destination” on page 23.)

If the same name exists in more than one city, you can search it more easily with the “City” and “Category” switch. (See (b) Inputting a city name and (c) Selection from the Points of Interest categories.)

Destination Input by POINT OF INTEREST

(b) Inputting a city name

Touch the “City” switch on the point of interest screen.



Touch alphabet keys directly on the screen to input a city 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 the selection list. Touch the ☐ of the desired city name.

After entering the city name, input the name of the point of interest.

(c) Selection from the Points of Interest categories.

Touch the “Category” switch on the point of interest screen.

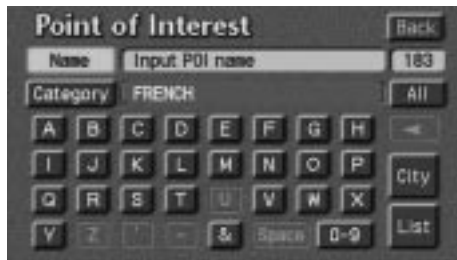


The categories are shown on the screen. When you touch the ☐ of your desired category, more detailed categories are shown.



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

Destination Input by POINT OF INTEREST



Once you have selected a category, 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.



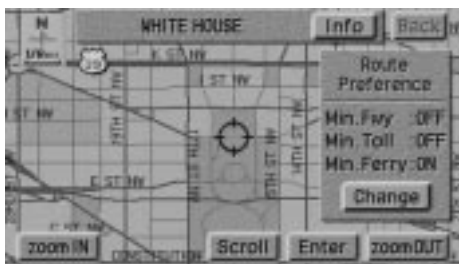
If you do not know the name of the specific point of interest, for example, when you are trying to find the nearest restaurant, touch the “Dist Sort” switch at the bottom of the screen. A listing of all the items in the category is displayed based on the distance from your current location.



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 “Entering Destination” on page 23.)



Destination Input by POINT OF INTEREST



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 33.)

LIST OF POINTS OF INTEREST



ALL AUTOMOTIVE



AUTOMOBILE CLUB



AUTO SERVICE & MAINTENANCE



GAS STATION



LEXUS DEALERSHIPS
(all search areas)



PARKING GARAGE/HOUSE



PARKING LOT



TOYOTA DEALERSHIPS
(all search areas)



ALL BANKING



ATM



BANK



ALL COMMUNITY



CITY HALL



CIVIC/COMMUNITY CENTER



CONVENTION/EXHIBITION CENTER



COURT HOUSE

Destination Input by POINT OF INTEREST

	HIGHER EDUCATION		GOLF COURSE		WINERY
	HOSPITAL		MARINA		RESTAURANT
	LIBRARY		MUSEUM		AMERICAN
	POLICE STATION		PARK/RECREATION (all search areas)		CHINESE
	SCHOOL		PERFORMING ARTS		CONTINENTAL
	ALL ENTERTAINMENT & ALL RECREATION		SKI RESORT		FRENCH
	AMUSEMENT PARK (all search areas)		SPORTS COMPLEX		ITALIAN
	CASINO		TOURIST ATTRACTION (all search areas)		JAPANESE

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Destination Input by POINT OF INTEREST

	MEXICAN		BUS STATION		TOURIST INFORMATION
	SEAFOOD		COMMUTER RAIL STATION		TRAIN STATION
	OTHER		FERRY TERMINAL		ALL OTHER
	ALL SHOPPING		HISTORICAL MONUMENTS		BUSINESS FACILITY
	GROCERY STORE		HOTEL		CITY CENTER/NAMED PLACE
	SHOPPING		PARK AND RIDE		
	ALL TRAVEL		RENTAL CAR AGENCY		
	AIRPORT (all search areas)		REST AREA		

Destination Input by MARKED POINT

Touching the “Marked Point” switch on the destination screen displays your list of registered marked points. See page 50 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 “Entering Destination” on page 23.)

There are 4 ways to list the marked point by touching switches on bottom of the screen.

Sort by Mark: Touch this switch to list the marked points by the registered icon. There are 16 different normal purpose icons, 5 special purpose icons and 3 sound icons. (For details, see page 52.)

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.

Sort by Dist: Touch this switch to list the marked points in order of shorter distance from your current location.

While driving, only special purpose icons will be shown on the screen.

Destination Input by PREVIOUS DESTINATION

Touch the **“Previous Destination”** switch on the destination screen.



The screen lists to 10 previously set destinations. During driving, the screen lists 5 previously set destinations.

Select your desired destination. The screen changes and displays the map location of the selected destination and the route preference. (See “Entering Destination” on page 23.)

You can delete the list of previous destinations while you stop your car, if you no longer need them. However, the system must delete the complete list and does not allow removing single entries.

When you touch the **“Delete All”** switch, a message appears to confirm your request to delete the list. If you are sure, touch the **“YES”** switch. If not, touch the **“NO”** switch.

Destination Input by HOME

Touch the **“Home”** switch on the destination input screen.

The screen changes and displays the map location of your home and route preference. (See **“Entering Destination”** on page 23.)

The system starts the guidance from your current position to your home immediately after you touch the **“Home”** switch during driving.

If your home is not registered yet, the **“Home”** switch is dimmed.

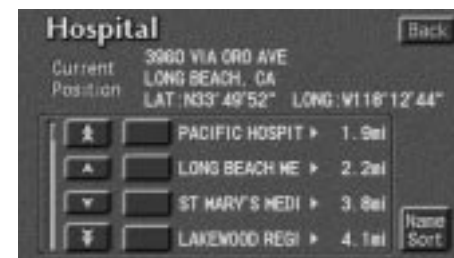
For the steps to register your home, see **“Registration of your home”** on page 30.

Destination Input by EMERGENCY

By touching the **“Emergency”** switch on the destination input screen, the display changes to a screen to select police stations, hospitals or dealers. 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.



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 ☐ of your desired item. The screen changes and displays the map location of the selected destination and the route preference. (See **“Entering Destination”** on page 23.)

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

Destination Input by EMERGENCY

<i>INFORMATION</i>
<i>The navigation system does not guide in areas where route guidance is unavailable. (See page 44.)</i>

Destination Input by INTERSECTION

Touch the “Intersection” switch on the destination screen.

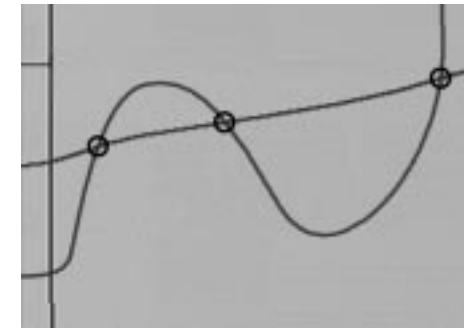


Input the name of the two intersecting streets which are located near the destination to be set.

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



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 “Entering Destination” on page 23.)



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 “Entering Destination” on page 23.)

Destination Input by FREEWAY ENTRANCE or EXIT

To input a freeway entrance or exit, touch the “Fwy Entrance/Exit” switch on the destination input 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).

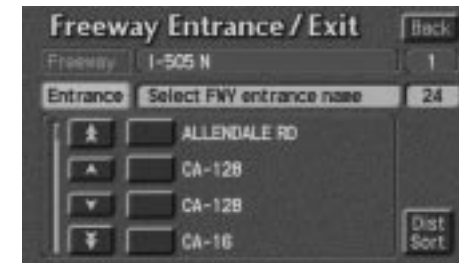
As the number of matching freeways decreases, you can touch the “List” switch to display the list. When the number of sites becomes 4 or less, the list screen appears automatically.



Select the desired freeway by touching the ☐.



You can then select either a freeway “Entrance” or “Exit”.

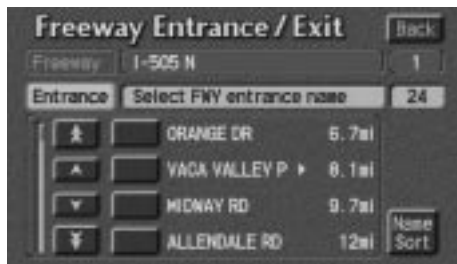


Touch the ☐ of the desired entrance or exit name. The screen changes and displays the map location of the selected destination and the route preference. (See “Entering Destination” on page 23.)

Destination Input by FREEWAY ENTRANCE or EXIT

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.

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 “Entering Destination”.)

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 of the current position and the route preference. (See “Entering Destination”.)

Entering Destination

After you input the destination by one of the ten methods, 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 3.)

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 **“On”** switch of **“Minimize Freeway Use”** to search for a route other than freeways as much as possible. (In some cases, the route cannot avoid running on a freeway.)

Touch the **“On”** switch of **“Minimize Toll Road Use”** to search for a route other than toll roads as much as possible.

Touch the **“On”** switch of **“Minimize Ferry Use”** to search for a route without using a ferry as much as possible.

The switches you select are highlighted in green. After choosing conditions, touch the **“Enter”** switch.



During the route search, **“Route Searching”** appears at the top of the screen and changes color from the left. When the search is completed, three types of routes are displayed on the screen.



Touch the **“Next”** switch to choose one from the three routes.

Entering Destination

Route 1: A route on which you can reach the destination in the shortest time.

Route 2: A route on which you can reach the destination in the shortest distance.

Route 3: Other route.

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

If you want to set a way point between the starting point and the destination or change the search condition, touch the **“Chg. Route”** switch. The screen changes and displays the change route menu. (For details, see page 25.)

When you keep touching the **“Start”** switch until you hear a beep, Demo Mode will start.

Route Guidance Screen

The route guidance system displays two different screen modes.



Single screen: Only map is shown in a screen mode.



Split screen: Map and guidance screen are shown in a screen mode. (For detail about Guidance screen, see page 36.)

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

Map/Guide: To change two screen modes.

[GPS]: Upon reception of signals from the GPS (Global Positioning System), this mark appears. (For details, see page 39.)

zoom IN / zoom OUT: Magnifies or reduces the map scale. (For details, see page 37.)

Route Guidance Screen

POI: Touch this switch, and symbols of points of interest are shown on the screen. (For details, see page 33.)

Mark: Touch this switch for one-touch registration of the marked point. (For details, see page 54.)

INFORMATION

- *The distance to your destination appears on the left of the screen.*
- *The time to your destination can also be displayed. (For the setting steps, see page 64.)*

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



Reroute: To change the condition for Reroute.

Detour: To change the condition for Detour. (For details, see page 32.)

Way point: To set and delete a way point. (For details, see page 55.)

Route Preference: To change the conditions of the route preference. (For details, see page 23.)

Cancel Guidance: To stop the route guidance. When you touch this switch, the map screen appears.

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.

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 pushing the “MAP/VOICE” button.

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 38 for details), the current vehicle position mark continues to track your current location.

INFORMATION

When you use the “one-touch” scroll feature, the current vehicle position mark may disappear from the screen. Move the map again with a “one-touch” scroll or push the “MAP/VOICE” button 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 60.

Voice Guidance

Voice route guidance is offered automatically during route guidance. Use voice guidance just for your reference.

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



Push the “MENU” button to display the menu screen. Then touch any number at the bottom of the screen to select the desired volume. If you do not need voice guidance, touch the “OFF” switch.

The selected item is highlighted in green.

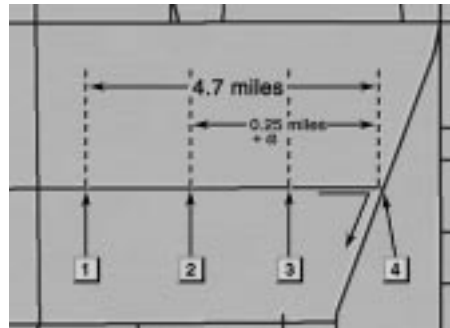
Voice Guidance

You can listen to “Voice route guidance” by touching the **“MAP/VOICE”** button, even if the volume is “OFF”.

INFORMATION

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

Typical Voice Guidance Prompts



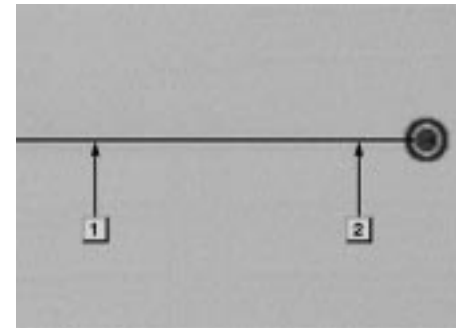
The voice guidance provides various messages as you approach an intersection, or other point where you need to maneuver the vehicle.

- 1 “Proceed about 5 miles to the T–intersection.”
- 2 “In a quarter of a mile, right turn at the T–intersection.”
- 3 “At the T–intersection, right turn.”
- 4 Beep sound only

INFORMATION

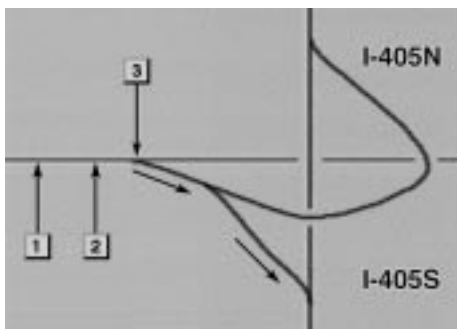
On freeways, interstates or other highways with higher speed limits, the voice guidance will be made at earlier points than on city streets in order to allow time to maneuver.

I



- The system announces your approach to the final destination.
- 1  "Your destination is ahead."
 - 2  "You have arrived at your destination. Your route guidance is now finished."

Typical Voice Guidance Prompts



When information is available in the database, the voice guidance provides lane information when entering or exiting a freeway or interstate.

- 1  "In 2 miles, 405 freeway on the right."
- 2  "405 freeway on the right and then keep right onto 405 freeway south."
- 3  Beep sound only.

INFORMATION

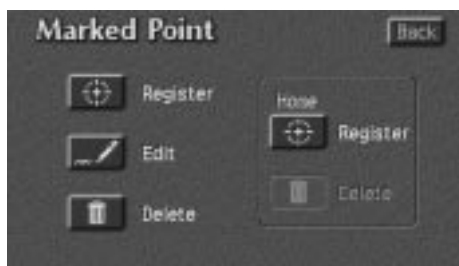
- *If the system cannot determine the current vehicle position correctly (in cases of poor GPS signal reception), the voice guidance may be made early or delayed.*
- *If you did not hear the voice guidance command, push the "MAP/VOICE" button to hear it again.*

Registration of Your Home

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



1. Push the “MENU” button to display the menu screen and touch the “Marked Point” switch.



2. Touch the “Register” switch of Home for registering your home.

If home is already registered, the “Register” switch is dimmed.



You may register the location of your home by three different methods: current position, address or map location. Touch the screen to select your desired method from the menu.

(a) Registering by current position

When you select this method, the current vehicle position is immediately registered as your home. This is the fastest method to use if you are at your house.

(b) Registering by street address

If you are away from your home, you can input your home address.

Input the address of the your home in the same way as any destination input. (See page 6.)

(c) Registering by map

If you are close to your home, you can register the location of your home directly on the map.

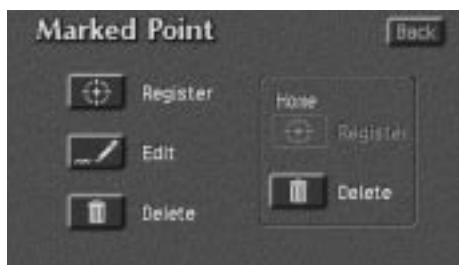
Input your home in the same way as the destination input. (See page 22.)

Registration of Your Home

(d) Deleting the registration of your home



1. Push the “MENU” button to display the menu screen and touch the “Marked Point” switch.



2. Touch the “Delete” switch of Home.

The screen changes and displays the map location of the home and a message. If you are sure that you want to delete the point, touch the “YES” switch. If not, touch the “NO” switch.



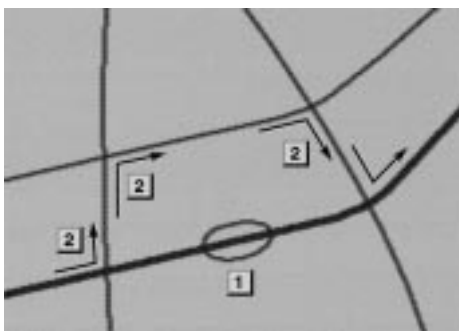
Detour Setting

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.

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.

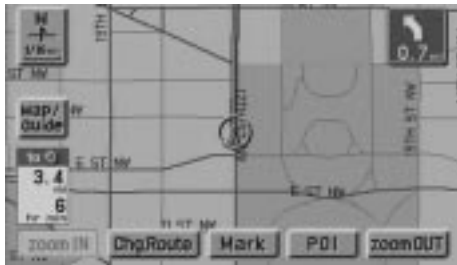
Alternate: If you touch this switch, the system will calculate an entire new route to the destination.

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 Points of Interest

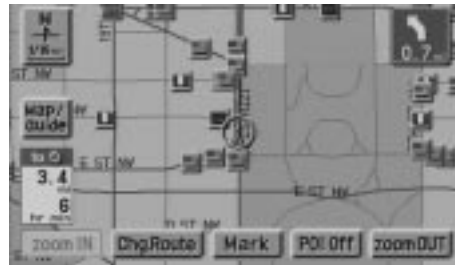
Points of interest such as gas stations and restaurants can be displayed on the map screen. You can also set their location as a destination and use them for route guidance.



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



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.



All List: If you cannot find your desired point of interest on the limited choice screen, touch this switch. The screen then displays the complete “Point of Interest” listing 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.

Local POI Search: 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.

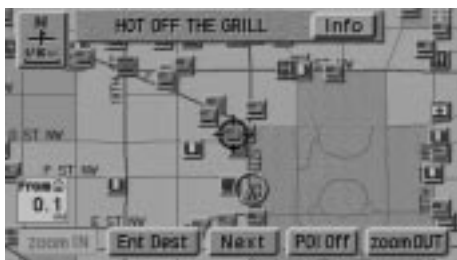
Touch the ☐ of your desired point of interest. Points of interest which you chose are displayed on the map screen.

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

Displaying Points of Interest

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.

The map will shift so the symbol is centered in the screen and overlaps with the cursor.

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. The distance from your current position can be displayed at the bottom left of the screen.

When your desired point of interest overlaps with the cursor, touch the “Ent Dest” switch. The screen changes and displays the map location of the selected destination and route preference. (See “Entering Destination” on page 23.)

If the symbols of two or more points of interest overlap as they are close to each other in location, touch the “Next” switch to bring your desired mark in front of the others.

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.

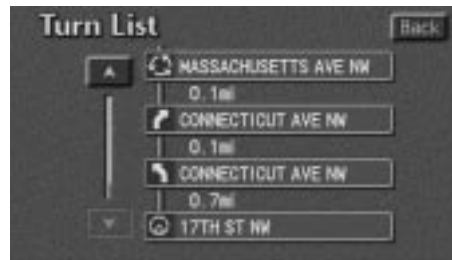


1. Push the “MENU” button to display the menu screen and touch the “Route Information” switch.

Turn List



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 ▲ ▼. 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.

INFORMATION

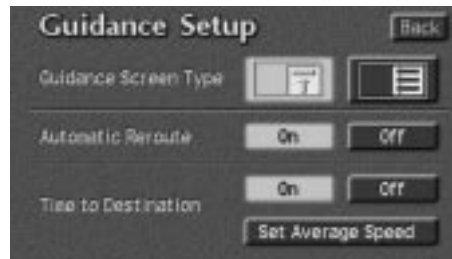
- The current vehicle position mark appears at the bottom of the screen next to the name of the street you are driving on. The mark does not move.
- If you leave the guidance route, the name of the street you are on is not shown on the list next to the current vehicle position mark.
- If the road type 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.
- Push the “MAP/VOICE” button to return to the map display with a route guidance.

Guidance Screen

You can change half of the screen to the Guidance Screen by touching the “Map/Guide” switch while the map screen is displayed. You can choose one out of two types of Guidance Screen.



1. Push the “MENU” button to display the menu screen and touch the “Guidance Setup” switch.



2. The screen will change to the Guidance setup screen and you can select the “Guidance Screen Type”.

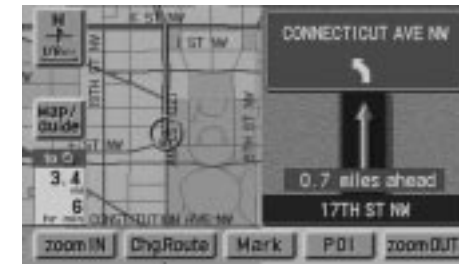


To display Arrow Screen



To display Turn List Screen

Arrow Screen



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

Guidance Screen

Turn List Screen



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

Map Scale



Touch the “**zoom IN**” switch or the “**zoom OUT**” switch 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 1/16th of a mile to 64 miles. Touch the “**zoom IN**” switch or the “**zoom OUT**” switch until the scale bar changes normally. If you continue to hold your finger on 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
<i>When the map scale is at the maximum range of 64 miles, the “zoom OUT” switch is dimmed. When the map scale is at the minimum range of 1/16th mile, the “zoom IN” switch is dimmed.</i>



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 “**Ent Dest**” switch on the screen.

If a destination is already registered, you can enter a way point.

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 like “**Mark**”, “**POI**”, etc., the screen does not scroll and the respective function operates.

After scrolling 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 push the “**MAP/VOICE**” button, 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. At this time, if the nearest road is over 3 miles from destination point, the system may not be able to calculate a guidance route.

Orientation of the Map



Orientation of the Map

You can change the orientation of the map from North-up to Heading-up by touching the direction 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.

Limitations of the Navigation System

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

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 60.

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 are heading for a destination without passing through a set way point, automatic rerouting may display a route returning to the set way point.
- 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 automatic rerouting during high speed driving. In automatic rerouting, a detour route may be shown.
- During automatic rerouting, the route may not be changed.
- The route in a 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), contact your dealer.

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

Map Database Information and updates

Map database is made based on the maps, 1999 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.

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



System Option: To determine which version of the database is currently in your vehicle, touch the “**System Option**” switch on the “Menu” screen. The “System Option” screen appears and displays the map database version date.



INFORMATION

For the updated DVD-ROM map, contact your Lexus dealer.

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Map Database Information and updates

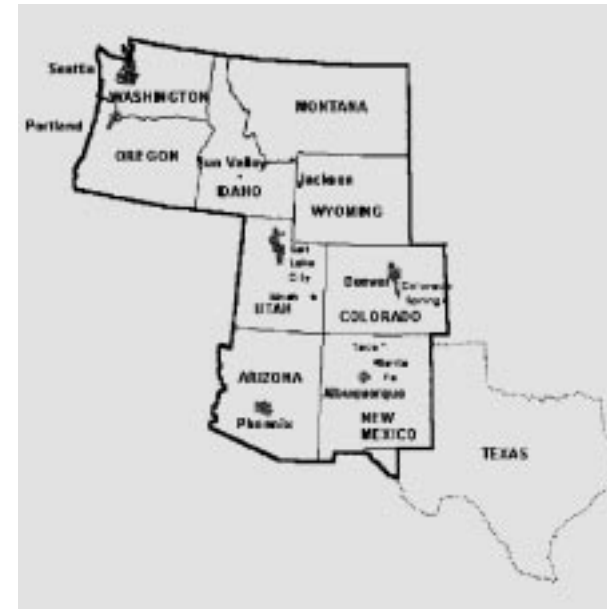
Route guidance availability



1999 by NavTech

-  Route guidance available areas
-  Route guidance available for main roads only

Route guidance availability



1999 by NavTech

-  Route guidance available areas
-  Route guidance available for main roads only

Map Database Information and updates

Route guidance availability



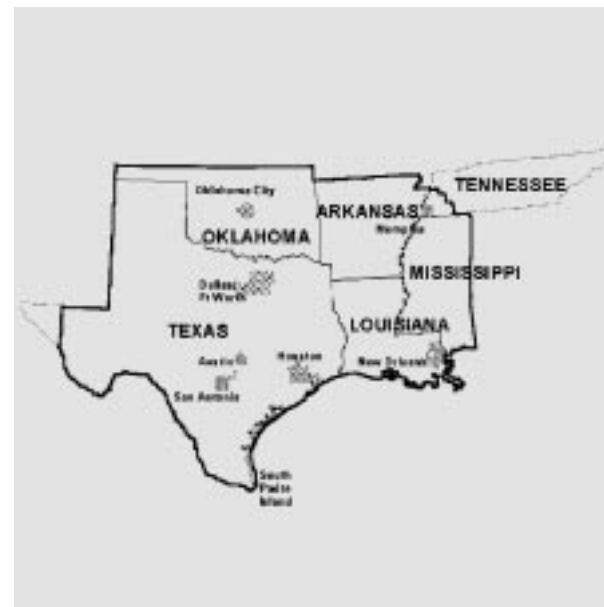
1999 by NavTech



Route guidance available areas

Route guidance available for main roads only

Route guidance availability



1999 by NavTech

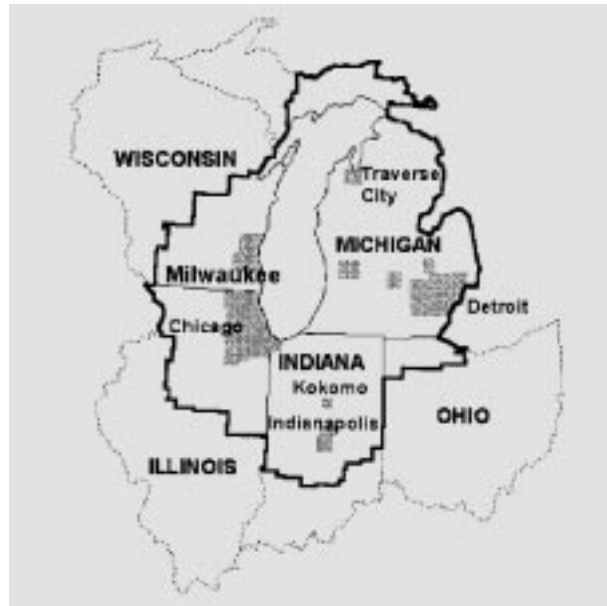


Route guidance available areas

Route guidance available for main roads only

Map Database Information and updates

Route guidance availability



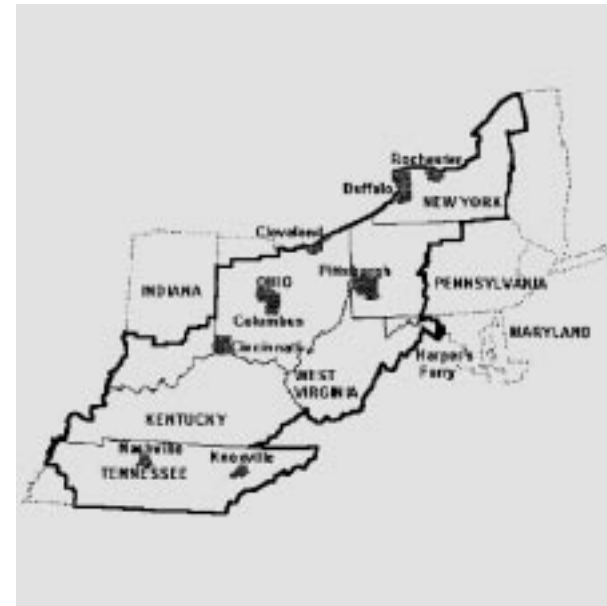
1999 by NavTech



Route guidance available areas

Route guidance available for main roads only

Route guidance availability



1999 by NavTech

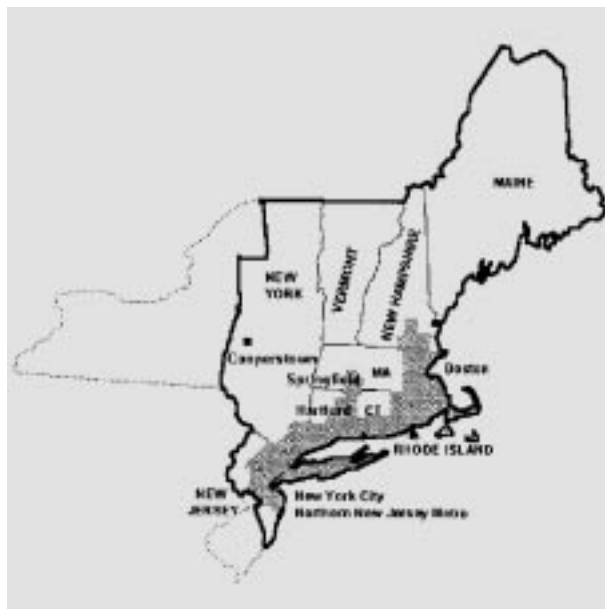


Route guidance available areas

Route guidance available for main roads only

Map Database Information and updates

Route guidance availability



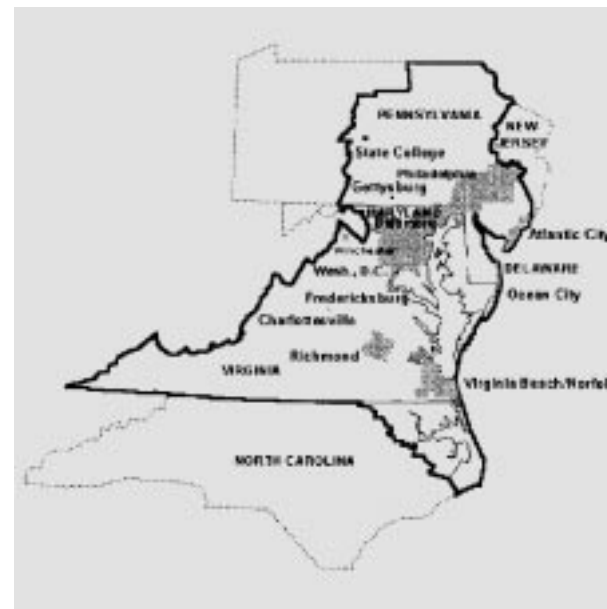
1999 by NavTech



Route guidance available areas

Route guidance available for main roads only

Route guidance availability



1999 by NavTech



Route guidance available areas

Route guidance available for main roads only

Map Database Information and updates

Route guidance availability



1999 by NavTech



Route guidance available areas

Route guidance available for main roads only

SECTION II

ADVANCED FUNCTIONS

Descriptions of functions for more effective use

Marked points 50

Way points 55

Avoid point/area 57

Current position calibration 60



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. Push the “MENU” button to display the menu screen and touch the “Marked Point” switch.

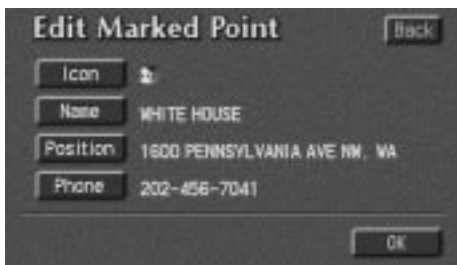


2. Touch the “Register” switch of the Marked Point.



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 page 6 through 22.

Marked Points



When you finish registration of the marked point, the “Edit Marked Point” screen appears. The information shown depends on the method used to enter the marked point.

If you want to change the icon or name or enter a telephone number, touch the item to be edited (on the left side of the screen).

3. Touch the “OK” switch.

INFORMATION

Up to 100 marked points can be registered.

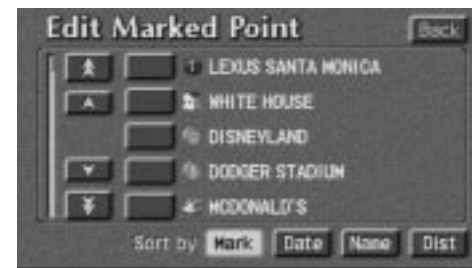
(b) Editing marked points

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

1. Push the “MENU” button to display the menu screen and touch the “Marked Point” switch.



2. Touch the “Edit” switch.



The screen lists the marked points.

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

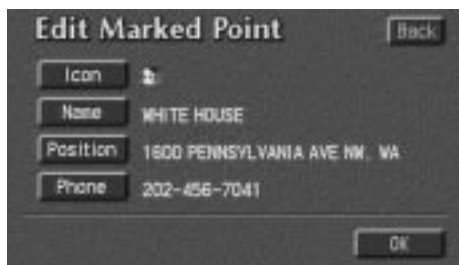
Sort by Date: Touch this switch to list the marked points in order of the registered date.

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

Sort by Dist: Touch this switch to list the marked points in order of nearest place from your current location.

Touch ☐ of the desired marked point to display the edit marked point screen.

Marked Points



Touch the item to edit (on the left side of the screen).

- Editing an “Icon”



Touch your desired icon.

Special Purpose Icon: During driving, only special purpose icons can be selected in the marked point list. You can register up to 5.

Sound Icon: When you set on these icons, the buzzer sounds as your vehicle approaches them.

When you touch the desired symbol or “Back”, the previous screen is displayed.

- Editing a “Name”



Touch alphabet or numeral keys directly to input the name.

After you finish your entry, touch the “Enter” switch at the bottom right of the screen.

The previous screen will be displayed.

- Editing a “Phone” (telephone number)



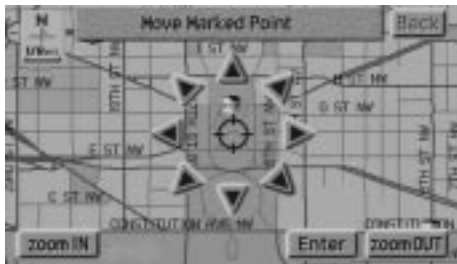
Touch numeral keys directly.

After you finish your entry, touch the “Enter” switch at the bottom of the screen.

The previous screen will be displayed.

Marked Points

- Editing a “Position” (position/map location).



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

Touch the “**Enter**” switch when the cursor  moves to your desired point.

The previous screen will return.

After you finish any editing, touch the “**OK**” switch.

(c) Deleting marked points

1. Push the “**MENU**” button to display the menu screen and touch the “**Marked Point**” switch.

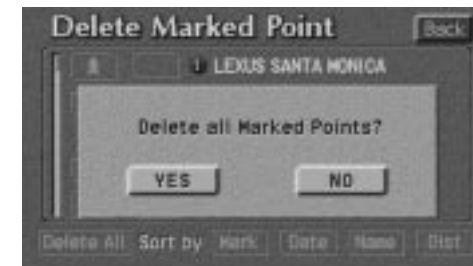
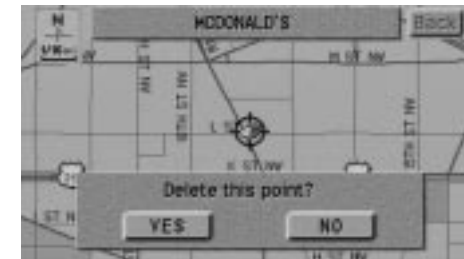


2. Touch the “**Delete**” switch of the marked point.



3. Touch  of the marked point to delete. If you want to delete all of the marked points, touch the “**Delete All**” switch.

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



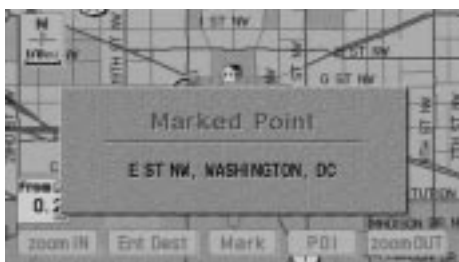
Either of the above messages appears depending on the type of deletion. If you want to delete, touch the “**YES**” switch. To cancel the deletion, touch the “**NO**” switch.

Marked Points

(d) One-touch marked point registration



You can register your current position or any points (See “Screen Scrolling” on page 38.) from the map screen by touching the **“Mark”** switch.



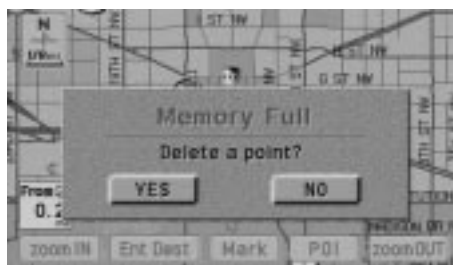
When you touch the **“Mark”** switch, the above screen appears for a few seconds, and then the map screen returns.



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, touch the **“YES”** switch and delete several old points. See “Deleting marked points”.

If you do not want to delete the points already registered, touch the **“NO”** switch.

Way Points



You can set way points during route guidance. Touch the “Chg. Route” switch to display the following screen.



(a) Setting a way point

1. Touch the “Set” switch.



2. Enter your way point in the same way as you input any destination. (See page 6 through 22.)

The set way point is indicated by through .

INFORMATION

If some way points are already registered on the route, “Add” instead of “Set” is displayed.

After entering a way point, the screen changes and displays the map location of the way point and route preference. (See “Entering Destination” on page 23.)

(b) Adding a way point

1. Touch the “Add” switch to display the Add Way Point screen.



2. Select the section of your route where you want to add a way point and touch the “ADD” switch.

MAP: If you touch this switch, you can confirm the set way points already registered on the map screen.

Way Points



3. Add a way point in the same way as you input the destination.

You can set up to 5 way points.

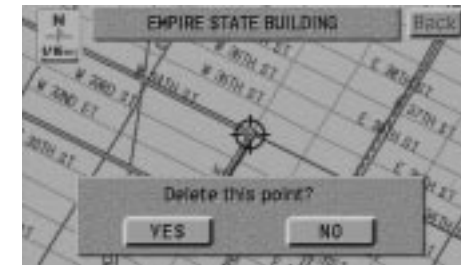
After adding a way point, the screen changes and displays the map location of the way point and route preference. (See "Entering Destination" on page 23.)

(c) Deleting a way point

1. Touch the "Delete" switch to display the Delete Way Point screen.



2. Select the way point you want to delete and touch the "Delete" switch.



3. A selected point and above message appear. To delete the point, touch the "YES" switch. If you want to try again or cancel the deletion, touch the "NO" switch. The previous screen will return.

INFORMATION

When the vehicle is in motion, "Delete Next" instead of "Delete" is displayed.

Way Points

(d) Deleting the next way point



When the vehicle is in motion, only the next way point can be deleted. Touch the “Delete Next” switch.

Avoid Point/Area

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

Push the “MENU” button to display the menu screen and then touch the “Avoid Point/Area” 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.*

Avoid Point/Area

(a) Registering avoid point/area

1. Touch the “Register Avoid Point/Area” switch.



2. Enter the avoid point/area location in the same way as you input any destination or display the map of the area you want to avoid. (See page 6 through 22.)



3. Depending on the contents to be edited, touch either the “Reduce” or “Enlarge” switch or one of the arrows.

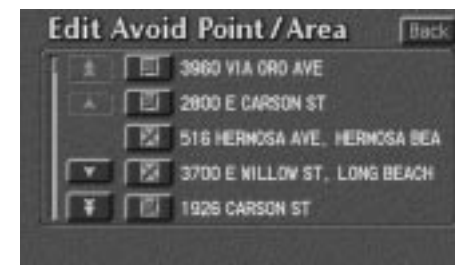
When you touch the “Enter” switch, the following message appears.



After a few seconds, the avoid point/area screen returns.

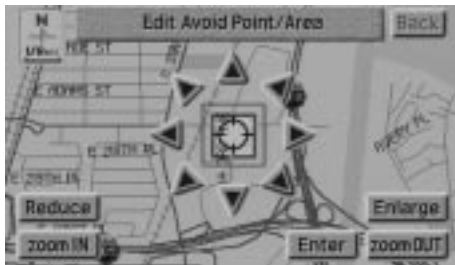
(b) Editing avoid point/area

1. Touch the “Edit Avoid Point/Area” switch to display the Edit Avoid Point/Area screen.



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

Avoid Point/Area



3. Depending on the contents to be edited, touch either the “Reduce” or “Enlarge” switch or one of the arrows.

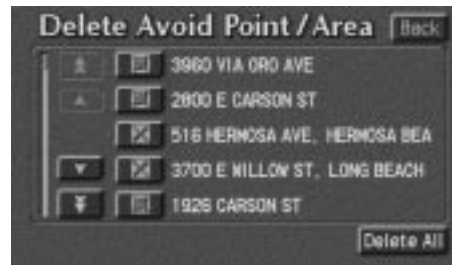
When editing is completed, touch the “Enter” switch.

INFORMATION

- If you try to change the map to an inappropriate scale, a message appears.
- For enlargement or reduction of the map scale, see page 37.

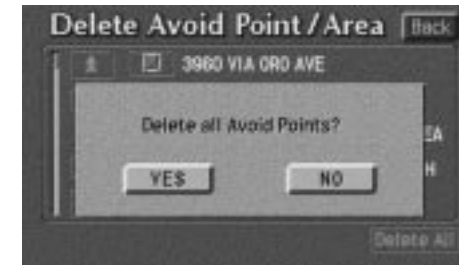
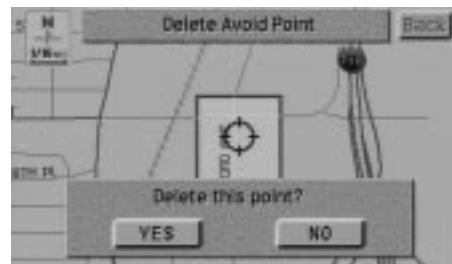
(c) Deleting avoid point/area

1. Touch the “Delete Avoid Point/Area” switch to display the Delete Avoid Point/Area screen.



2. Select the point you want to delete from the list.

Delete All: All avoid points registered in the system are deleted.



3. Either of the above messages appears.

To delete the point(s), touch the “YES” switch.

If you touch the “YES” switch, the data cannot be recovered.

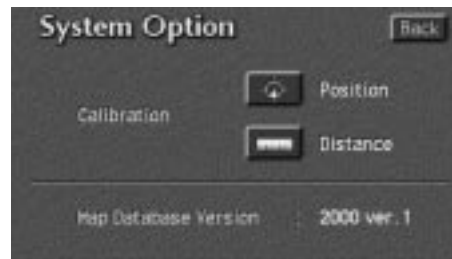
If you want to try again or cancel deletion, touch the “NO” switch. The previous screen will return.

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. Push the “MENU” button to display the “Menu” screen, and then touch the “System Option” switch.



2. Touch the “Position” switch.

INFORMATION

For additional information on current position accuracy, see “Limitations of the Navigation System” on page 39.

● Position



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

Touch the “Enter” switch.

Current Position Calibration



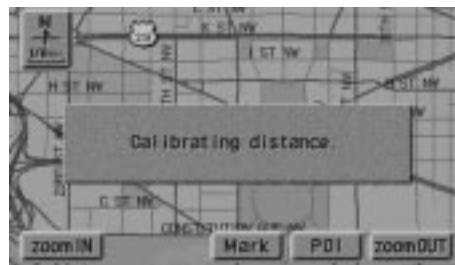
2. Touch either the left or right arrow to correct the direction of the current vehicle position mark on the road.

Touch the **“Enter”** switch on the screen and the map screen returns.

• Distance

The distance calibration function is to 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 **“Distance”** switch on the System Option 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

Automatic rerouting 64

Time to destination 64

Maintenance information 66

Dealer setting 68



Automatic Rerouting

When the “Automatic Rerouting” 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.

To turn the “Automatic Reroute” mode on:

1. Push the “MENU” button.



2. Touch the “Guidance Setup” switch.



3. Touch the “On” switch on the right of “Automatic Reroute”.

Selected switch is highlighted in green.

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.

Time to Destination

When the “Time to Destination” feature is turned on, the time required to reach the destination is displayed on the route guidance screen.



To turn the “Time to Destination” mode on:

1. Push the “MENU” button.

Time to Destination



2. Touch the “Guidance Setup” switch.



3. Touch the “Set Average Speed” switch on the “Guidance Setup” screen.



4. Touch ◀ or ▶ to set the average vehicle speeds for driving on a freeway, main street and residential area.

If you touch the “Default” switch, the default speed is set at each item.

5. After you finish setting the desired speeds, touch the “Enter” switch.

6. The guidance setup screen returns. Touch the “On” switch on the right of “Time to Destination”.

Selected switch is highlighted in green.

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.

III

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.

The "Information" screen will not be displayed again by touching the **"Don't display 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.



Date: Input the next maintenance date.

Distance: Input the driving distance until the next maintenance check. You can input a five-digit number for the driving distance.

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

Delete All: Cancel all conditions which have been inputted.

Reset Expired: Reset an item which has satisfied a condition.

Maintenance Information

Touch the “OFF” switch at the top of the 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 have been inputted and the actual date and driving distance.*

Information Items



Scheduled Maintenance



Oil Change



Replace Oil Filter



Rotate Tires



Replace Tires



Replace Battery



Replace Brake Pad



Replace Wiper Blades



Replace Engine Coolant



Replace Brake Fluid



Replace Automatic Transmission Fluid



Replace Air Conditioning Filter



Replace Air Cleaner Filter



Wedding Anniversary



Birthday

III

Dealer Setting



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

(a) Registering dealer



1. Touch the **"Register Dealer"** switch.

2. Enter your dealer's location address in the same way as you input any destination. (See page 6 through 22.)



3. 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.)

By touching the **"Go to Dealer"** switch the system sets your dealer as a destination. (See (d) Going to dealer.)

Dealer Setting

(b) Editing dealer



1. Touch the “Edit Dealer” switch.



2. Touch the item to edit.

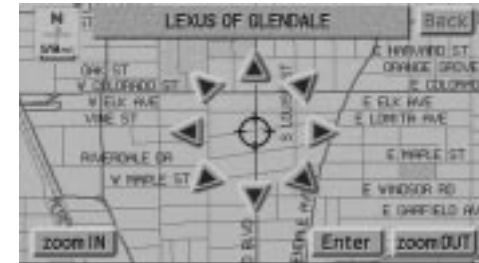
• Editing a “Dealer” or a “Staff”



Touch alphabet or numeral keys directly to input the name.

After you finish your entry, touch the “**Enter**” switch at the bottom right of the screen. The previous screen will be displayed.

• Editing a “Position”



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

Touch the “**Enter**” switch when the cursor  moves to your desired point.

The previous screen will be displayed.

III

Dealer Setting

- Editing a “Phone” (telephone number)



Touch numeral keys directly.

After you finish your entry, touch the “**Enter**” switch at the bottom of the screen.

The previous screen will be displayed.

After you finish any editing, touch the “**OK**” switch.

- (c) Deleting dealer



1. 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.

- (d) Going to dealer

The registered dealer can be set as a destination.



Touch the “**Go to Dealer**” switch. The screen changes and displays the map location of the registered dealer and the route preference. (See “**Entering Destination**” on page 23.)

SECTION IV

OTHER FUNCTIONS

Clock 72
Screen adjustment 72
.. 73
Screen transition 74

Clock



The digital clock indicates the time with the ignition key at the “ACC” or “ON” position. To reset the hour, press the “H” button. To reset the minutes, press the “M” button. To adjust the time to the nearest hour, press the “:00” button.

For example, if the “:00” button is pressed when the time is between 9:30 – 9:59 or between 10:01 – 10:29, the time will change to 10:00.

If the electrical power source has been disconnected from the clock, the time display will automatically be set to 1:00 (one o'clock).

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 Adjustment

INFORMATION

When you do not touch any switch on the screen for 6 seconds the adjustment screen display goes off.

Trip information

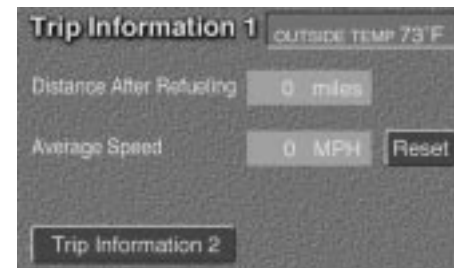
Trip information such as driving distance, average vehicle speed, fuel consumption, etc. can be displayed on the screen.



1. Push the “INFO” switch.



2. Touch “Trip Information”.



► Trip information 1

Distance After Refueling (Figures with “miles”)

The distance after refueling is calculated and displayed based on the total distance after refuel.

When refueling, be sure to stop your vehicle and turn the ignition switch off.

Average Speed (Figures with “MPH”)

The average speed is calculated and displayed based on the total driving distance and the total driving time with the engine running.

The displayed value is updated every 10 seconds.

Trip information

To calculate from the beginning, push the "Reset" switch.

3. Touch "Trip Information 2".



► Trip information 2

Current (Figures with "MPG")

The current fuel consumption is calculated and displayed based on the driving distance and the fuel consumption for 2 seconds with the engine running.

The value is updated every 2 seconds.

If you are driving at low speeds just before stopping, the accurate figure may not be shown.

After Refueling (Figures with "MPG")

The average fuel consumption after being refueled is calculated and displayed on the driving distance and the fuel consumption after being refueled.

The value is updated every 10 seconds.

When refueling, be sure to stop your vehicle and turn the ignition switch off.

Average (Figures with "MPG")

The average fuel consumption is calculated and displayed based on the total driving distance and the total fuel consumption with the engine running.

The value is updated every 10 seconds.

To calculate from the beginning, push the "Reset" switch.

Screen transition

The function returning to the previous screen from the audio screen is selectable.



1. Push the "INFO" button.



2. Touch "Screen Transition".

Screen transition



3. 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.

IV

SECTION V

AIR CONDITIONING

[Automatic air conditioning controls](#) 78

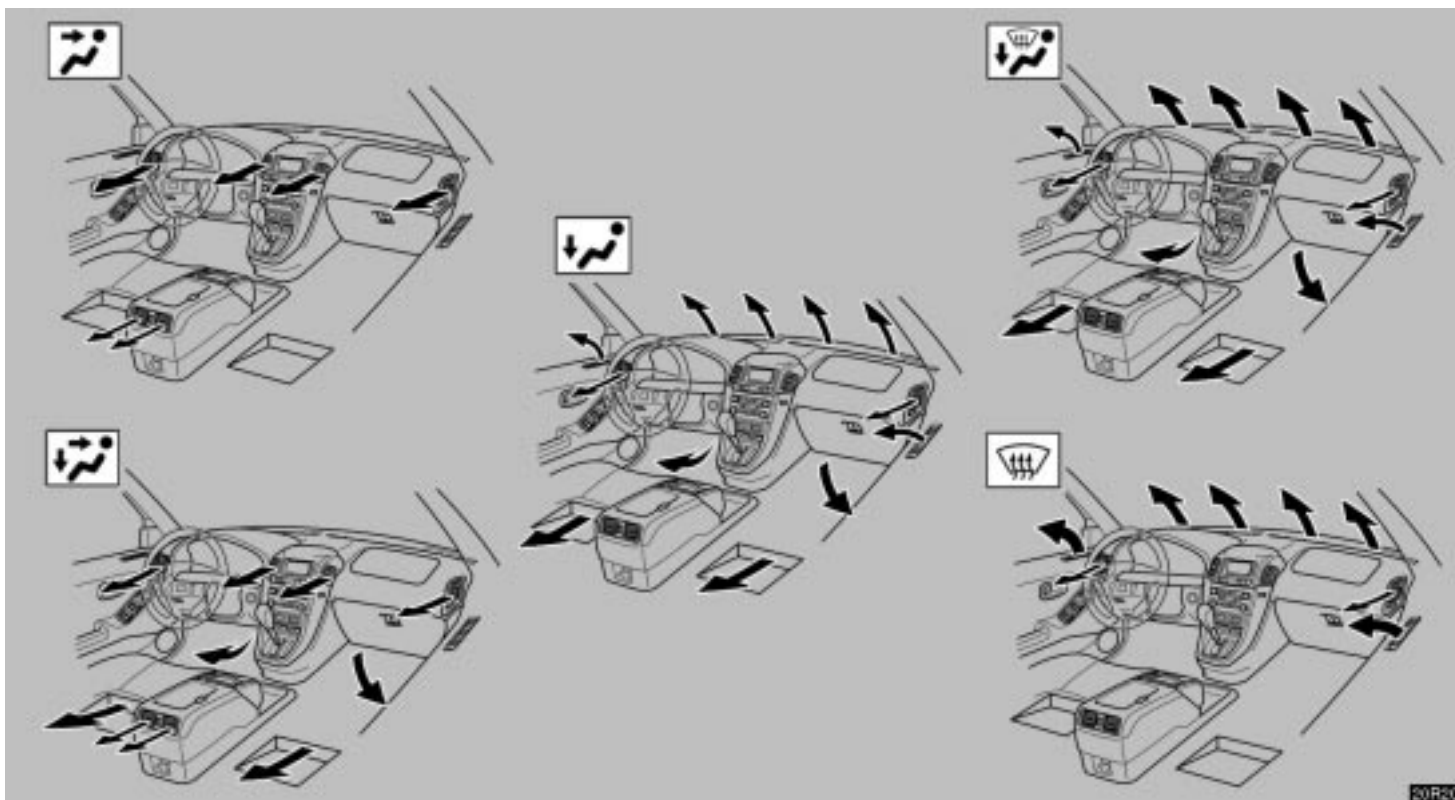
V

Automatic Air Conditioning Controls



	<i>Page</i>
1 Air flow information	79
2 Fan speed information	81
3 Temperature display	80/86
4 Outside temperature display	86
5 Fan speed control knob	81
6 Air flow control button	81
7 Air conditioning on button	82
8 Air intake control button	82
9 “  FRONT” button	83
10 “OFF” button	80
11 “AUTO” button	80
12 Temperature control knob	80

Automatic Air Conditioning Controls



► Air flow selection

2002 MY RX300 EMV_U (OM48424U) before Jan 10, 2002 production, F/N MCU10-0130376 or MCU15-0258831

79

Automatic Air Conditioning Controls

- The automatic air conditioning automatically maintains the set temperature.

This air conditioning features automatic fan speed and air flow control which automatically selects the most suitable fan speed and air flow to control the temperature. The ignition key must be in the "ON" position.

NOTICE

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

(a) Climate control

SETTING OPERATION – automatic control



1. Push the "AUTO" button.

Air flow quantity, switching of the diffusers, on–off of the air conditioning, and switching of the air intake between RECIRCULATED AIR and OUTSIDE AIR are automatically adjusted. The operation status is shown by the indicator.

When one of the manual control buttons is depressed while operating in automatic mode, the mode relevant to the depressed button is set. Other conditions continue to be adjusted automatically.

Push the "OFF" button to turn the air conditioning off.



2. Turn the temperature control knob until the desired temperature is displayed.

The temperature control knob is used to set the desired passenger compartment temperature. The temperature of air delivered to the passenger compartment will be controlled automatically according to the setting. The figures on the panel indicate the degrees in Fahrenheit or Centigrade.

Automatic Air Conditioning Controls

SETTING OPERATION – manual control

When one of the manual control buttons is depressed while operating in automatic mode, the mode relevant to the depressed button is set. Other conditions continue to be adjusted automatically.

If manual air flow selection is desired –



The outlets from which air is delivered can be selected manually by pushing the “MODE” button. The function of each mode is as follows:

- 1 **Panel** – Air flows mainly from the instrument panel vents.
- 2 **Bi-level** – Air flows from both the floor vents and the instrument panel vents.

3 **Floor** – Air flows mainly from the floor vents.

4 **Floor/Windshield** – Air flows mainly from the floor vents and windshield vents.

If quick heating or cooling is desired –

Turn the temperature control knob until “MAX HOT” or “MAX COLD” appears on the screen.

When the “MAX COLD” is selected, the air intake is automatically set to RECIRCULATED AIR mode.

If manual fan speed control is desired –



- 1 **Toward low fan speed**
- 2 **Toward high fan speed**

The fan speed can be set to your desired speed by turning the fan speed control knob. The higher the fan speed is, the more air is delivered. Pushing the “OFF” button turns off the fan.

To remove exterior windshield frost, use the high speed setting.

V

Automatic Air Conditioning Controls

If manual switching of air intake is desired –



The air intake control button is used to switch the air intake between the OUTSIDE AIR mode and RECIRCULATED AIR mode. The indicator shows which mode is selected.

- **With the indicator on** – For RECIRCULATED AIR mode
- **With the indicator off** – For OUTSIDE AIR mode

For normal use, it is best to keep the setting to OUTSIDE AIR mode. If RECIRCULATED AIR mode is used during heating, the windows will fog up more easily.

If the engine coolant temperature becomes extremely high, the RECIRCULATED AIR mode is automatically selected. This is not a malfunction. When the engine coolant temperature is lowered, the previous mode resumes.

If manual on–off of the air conditioning is desired –

Push the “A/C” button to turn the air conditioning on and push it again to turn the air conditioning off.

The air conditioning does not work if the outside temperature is lowered down to around 0°C (32°F).

If the system is used for ventilation, heating in dry weather or removing frost or exterior fog on the windshield, turn the air conditioning off once it is no longer required. This will improve fuel economy. The air conditioning can be used for year–round automatic temperature control including cooling and dehumidifying operation.

If the air conditioning compressor does not operate, the indicator of the “A/C” button will blink. If the indicator of the “A/C” button blinks even when the “A/C” button is pushed again, have the compressor checked by your nearest Lexus dealer.

Automatic Air Conditioning Controls

(b) Windshield defogging and defrosting



To remove interior fog on the windshield –

Push the “ FRONT” button.

To remove frost or exterior fog on the windshield –

1. Turn the temperature control knob clockwise until “MAX HOT” appears on the screen.
2. Push the “ FRONT” button.
3. Turn the fan speed control knob clockwise to obtain a maximum air flow.
4. Leave the air conditioning on–off button off.

When the “ FRONT” button is pushed, air flows mainly from the windshield vents and the OUTSIDE AIR mode is automatically set. This setting clears the front view more quickly.

If you want to return the setting to RECIRCULATED AIR mode, push the air intake control button once again.

Pushing the “ FRONT” turns on the defroster–linked air conditioning. This is to clean up the front view more quickly.

Pushing the “ FRONT” button once again returns the air flow mode to the last one used.

When you turn the ignition switch on after the removal and installation of the battery terminal, the indicator light may flash and the operating sound of the motor may be heard. This does not indicate a malfunction.

You may hear the operating sound of the motor about 70 seconds after the ignition switch is turned off. This is not also a malfunction.



CAUTION

Do not use the “ FRONT” button during cooled air operation in extremely humid weather. The difference between the temperature of the outside air and that of the windshield could cause the outer surface of the windshield to fog up blocking your vision.

V

Automatic Air Conditioning Controls

(c) Operating tips

- To help cool down the interior after parking in the hot sun, drive for the first few minutes with the windows open. After the excess heat has blown away, close the windows.
- Make sure the air inlet grilles in front of the windshield are not blocked by leaves or other obstructions.
- If air flow control is not satisfactory, check the dashboard vent and rear vent. (See “Side vents” and “Rear vents”.)
- On humid days, do not blow cold air on the windshield. The windshield could fog up because of the difference in air temperature on the inside and outside of the windshield.
- Keep the area under the front seats clear to allow air to circulate throughout the vehicle.
- On cold days, set the fan speed control knob to adjust the fan speed high for a minute to help clear the intake ducts of snow or moisture. This can reduce the amount of fogging on the windows.

- When driving on dusty roads, close all windows. If dust thrown up by the vehicle is still drawn into the vehicle after closing the windows, it is recommended that the air intake control button be left to the OUTSIDE AIR mode.
- If following another vehicle on a dusty road, or driving in windy and dusty conditions, it is recommended that the air intake control button be temporarily pressed in to the RECIRCULATED AIR mode, which will close off the outside passage and prevent outside air and dust from entering the vehicle interior.

Heating

For best results, set controls to:

For automatic operation –

Push in the “AUTO” button.
Temperature – To the desired temperature
Air intake – **OUTSIDE AIR**
Air conditioning – **OFF**

For manual operation –

Fan speed – To the desired fan speed
Temperature – Towards **WARM**
(to the right)
Air intake – **OUTSIDE AIR**
Air flow – **FLOOR**
Air conditioning – **OFF**

- For quick heating, select RECIRCULATED AIR for a few minutes. To keep the windows from fogging, select OUTSIDE AIR after the vehicle interior has been warmed.
- Push the “A/C” button on for dehumidified heating.
- Choose floor/windshield air flow to heat the vehicle interior while defrosting or defogging the windshield.

Automatic Air Conditioning Controls

Air conditioning

For best results, set controls to:

For automatic operation –

Push in the “AUTO” button.
Temperature – To the desired temperature
Air intake – **OUTSIDE AIR**
Air conditioning – **ON**

For manual operation –

Fan speed – To the desired fan speed
Temperature – Towards **COLD** (to the left)
Air intake – **OUTSIDE AIR**
Air flow – **PANEL**
Air conditioning – **ON**

- For quick cooling, select RECIRCULATED AIR for a few minutes.

Ventilation

For best results, set controls to:

For automatic operation –

Push in the “AUTO” button.
Temperature – Towards low temperature
Air intake – **OUTSIDE AIR**
Air conditioning – **OFF**

For manual operation –

Fan speed – To the desired fan speed
Temperature – Towards **COLD** (to the left)
Air intake – **OUTSIDE AIR**
Air flow – **PANEL**
Air conditioning – **OFF**

Defogging and defrosting

– The inside of the windshield

For best results, set controls to:

For automatic operation –

Temperature – Towards high temperature to heat; low temperature to cool
Air intake – **OUTSIDE AIR**
Air flow – **WINDSHIELD**

For manual operation –

Fan speed – To the desired fan speed
Temperature – Towards **WARM** (to the right) to heat; **COLD** (to the left) to cool
Air intake – **OUTSIDE AIR**
Air flow – **WINDSHIELD**

When pushing the “ FRONT” button, the air intake selects OUTSIDE AIR automatically. This is to clean up the front view more quickly.

If you want to return the setting to RECIRCULATED AIR mode, push the air intake control button once again.

Pushing the “ FRONT” button turns on the defroster-linked air conditioning. This is to clean up the front view more quickly.

When the “A/C” button is not pushed in, pushing another air flow control button turns off the air conditioning.

V

Automatic Air Conditioning Controls

Pushing the “FRONT WINDSHIELD” button once again returns the air flow mode to the last one used.

- On humid days, do not blow cold air on the windshield – the difference between the outside and inside temperatures could make the fogging worse.

– The outside of the windshield

For best results, set controls to:

For automatic operation –

Temperature – Towards high temperature
Air intake – **OUTSIDE AIR**
Air flow – **WINDSHIELD**

For manual operation –

Fan speed – To the desired fan speed
Temperature – Towards **WARM**
(to the right)
Air intake – **OUTSIDE AIR**
Air flow – **WINDSHIELD**

When pushing the “FRONT” button, the air intake selects OUTSIDE AIR automatically. This is to clean up the front view more quickly.

If you want to return the setting to RECIRCULATED AIR mode, push the air intake control button once again.

Pushing the “FRONT” button turns on the defroster–linked air conditioning. At this time, the “A/C” button indicator comes on regardless of whether or not the “A/C” button is pushed in. This is to clean up the front view more quickly.

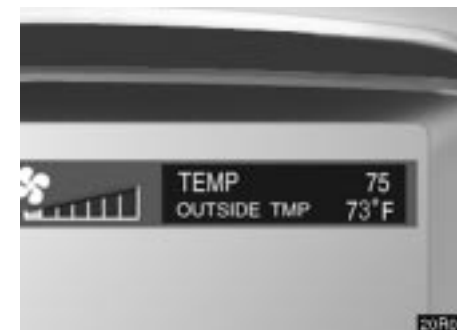
To turn off the air conditioning alone, push the “A/C” button once again.

When the “A/C” button is not pushed in, pushing another air flow control button turns off the air conditioning.

Pushing the “FRONT” button once again returns the air flow mode to the last one used.

- To heat the vehicle interior while defrosting the windshield, choose floor/windshield air flow.

(d) Outside temperature display



The displayed temperature ranges from –22°F up to 122°F. If the temperature does not appear on the screen or it shows “– – –”, take your vehicle to your Lexus dealer.

Automatic Air Conditioning Controls

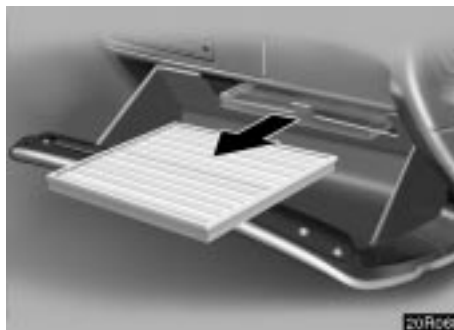
(e) Air filter

The air filter may clog after long use and reduce air flow. You can inspect the filter easily.

When you inspect and replace the air filter, be sure to turn off the fan.



1. Open the glove box and remove the two covers.



2. Take out the air filter.

If it is dirty, it should be replaced. To maintain the air conditioning efficiency, replace the air filter according to the maintenance schedule. (For scheduled maintenance information, please refer to the "Owner's Manual Supplement / Maintenance Schedule".)

INFORMATION

The air filter should be installed properly in position. The use of air conditioning with the air filter removed may cause deteriorated dustproof performance and then affect air conditioning performance.

Side vents



The side vents may be opened or closed as shown.

V

Automatic Air Conditioning Controls

Rear vents



The rear vents may be opened or closed as shown.

SECTION VI

AUDIO SYSTEM

Audio system 90

Audio System

Quick reference for your audio system



	<i>Page</i>
1 <i>Function switch display screen</i>	92
2 <i>Audio operation screen display button</i>	91
3 <i>Mode selectors</i>	91
4 <i>Tune knob</i>	95
5 <i>"SEEK/TRACK" button</i> <i>[Radio mode] Seek tuning</i> 95 <i>[Tape/CD mode] Direct access to a desired program or track</i> 100/103	
6 <i>"TRAF" button</i>	98
7 <i>Cassette tape slot</i>	98
8 <i>Stopping and ejecting a cassette tape</i>	98
9 <i>Turning the system on and adjusting volume</i>	91

► The "CD" button works only when your Lexus is equipped with an automatic changer.

Audio System

Using your audio system: some basics

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

Your audio system works when the ignition key 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).



Push "FM", "AM", "TAPE" or "CD" to turn on that mode. The selected mode turns on directly.

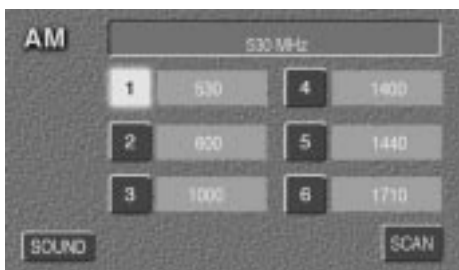
Push these buttons if you want to switch from one mode to another.

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 by ejecting the cassette tape. 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.

VI

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.

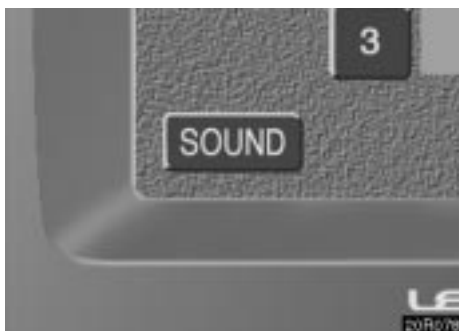
(b) Tone and balance

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

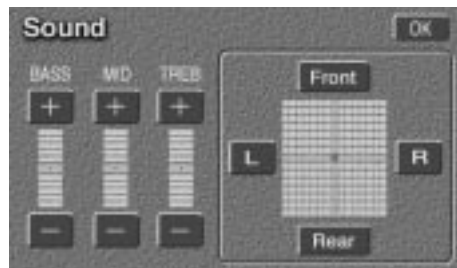
A good balance of the left and right stereo channels and of the front and rear sound levels is also important.

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.

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.

(c) Your radio antenna

The antenna extends automatically when the radio and ignition are turned on and retracts when either is turned off. The wire antenna is also mounted inside of the left quarter window.

CAUTION

Before extending the antenna, confirm that no one is close enough to get injured.

NOTICE

- To prevent damage to the antenna, make sure it is retracted before driving your vehicle through an automatic car wash.
- When cleaning the inside of the rear window, be careful not to scratch or damage the wire antenna or connector.
- Putting a window tint (especially, conductive or metallic type) on the left quarter window may affect the reception of radio. For the installation of the window tint, consult with your Lexus dealer.

VI

Audio System

(d) Your cassette player

When you insert a cassette, the exposed tape should be 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.

(e) Your automatic changer



If your Lexus is equipped with an automatic changer, it can play selected discs or continuously play all the discs set in the magazine.

When you set discs into the magazine, make sure they face the correct way. If not, the player will display "Err" and the disc number.

NOTICE

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

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

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.

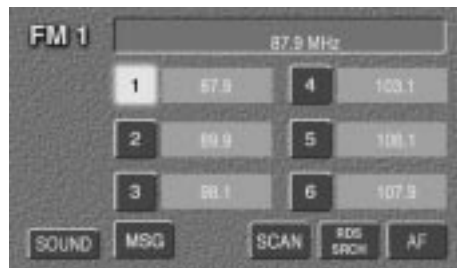
Audio System



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.

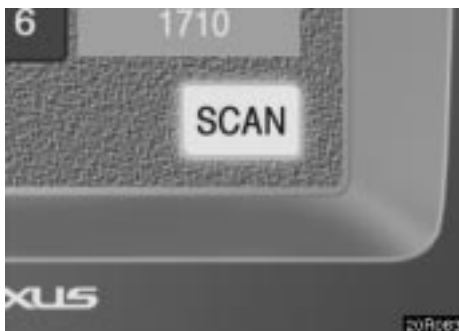
(c) Selecting a station

Your Lexus 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.

Audio System



To scan all the frequencies: Touch the “SCAN” switch on the screen 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 again.

To scan the preset stations: Touch the “SCAN” switch on the screen 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 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,
- 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.

“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, “SEARCHING....” 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.

Audio System

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.

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)

Audio System

(e) Traffic announcement



"TRAF" button

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

By pushing this button, RDS is turned on if it was off ("RDS" will display), and traffic announcement feature is on. "TRAF" appears on the screen when the radio is tuned to a traffic station.

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.

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



When you insert a cassette tape, the exposed tape should be to the right.

The player will automatically start when you insert a 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.

To stop and eject the cassette tape, push the "eject" button.

Audio System



If a cassette is already in the slot, push the “TAPE” button.

Dolby® Noise Reduction* feature: If you are listening to a tape that was recorded with Dolby* Noise Reduction, touch the  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.

* 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 “◀▶” 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.

Audio System

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 this button on the right side to skip forward. “FF” and the number will appear on the screen. Push the button until the number 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.

Push this button on the left side to skip backward. Push the button until “REW” and the number 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.

Audio System

Compact disc player operation

The compact disc player is an optional accessory that your vehicle is pre-wired to accept. Although your audio system has a CD button, your vehicle may or may not be equipped with a CD player. Please contact your dealer for additional details if you would like to have the optional CD player installed.

(a) Inserting compact discs



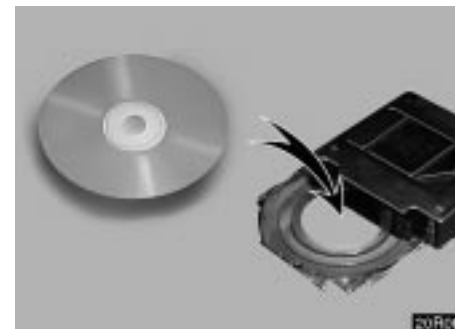
1. Pull the lever and open the glove box door.



2. Push this button to eject the magazine.



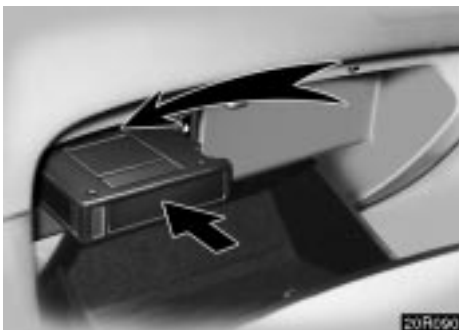
3. Pull out the tray while pushing the lock release button.



4. Put a disc on the tray with its label face down and push the tray back into the magazine.

If the label faces up, the disc cannot be played. In this case, "Err" and the disc number appears on the screen.

Audio System



5. Insert the magazine into the player as indicated by the arrow head on the magazine and close the cover.

When the magazine is set completely, the system will be in a "Load" cycle for approximately 20 seconds while the system searches for discs in the magazine. Upon completion of this cycle, the CD unit will be ready to play. If the "CD" button is pushed during the "Load" cycle, "CD SEEK" appears on the screen until the system completes the load cycle. Then the system will begin normal play.



CAUTION

To reduce the chance of injury in case of an accident or a sudden stop, always keep the cover closed while driving.



The numbers of the trays where the compact disc is not set are dimmed.

(b) Playing a compact disc



Push the "CD" button if the magazine is already loaded in the player.

"CD CHANGER" appears on the screen.

The discs set in the magazine are played continuously, starting with disc number 1. 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.

Audio System

(c) Selecting a desired disc



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.

(d) Searching for a desired disc



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.

(e) 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 “FF” switch and hold it to fast forward the disc. When you release the switch, the compact disc player will resume playing from that position.

Audio System

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

(f) Searching for a desired track

Touch the “SCAN” switch.

“SCAN” will be highlighted in green. The compact disc player will play the next track for 10 seconds, then scan again. To select a track, touch the “SCAN” switch 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.

(g) 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: 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.

“DISC RAND” switch: 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.

“RAND” switch: Use it for automatic and random selection of the disc which you are currently listening to.

When the switch is touched, the system selects a track in the disc you are currently listening to. To cancel it, touch the switch once again.

Audio System

(h) 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 "CD" 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 two causes are possible.

- 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 is raised because of high external temperature. Remove the magazine from the player to cool it.

If the player still does not operate, take it to 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 CD magazine into the cassette tape slot or CD changer.***
- ***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, the problem with radio reception does not mean there is a problem with your radio – it is just the normal result of conditions outside the vehicle.

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

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

FM

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

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

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

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.

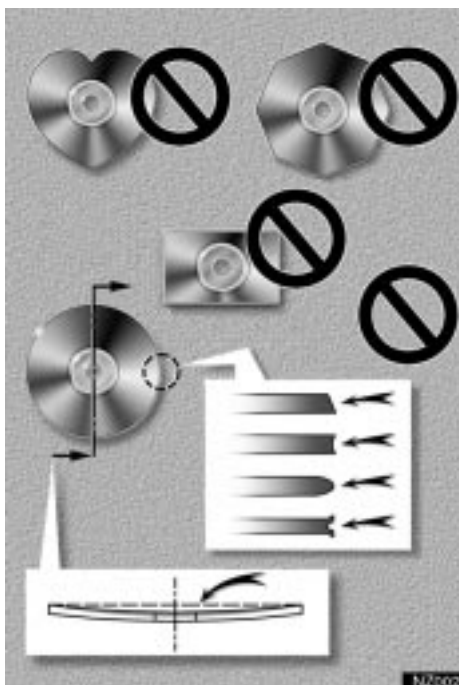
Caring for your compact disc player and discs



- 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.
- Extremely high temperature can keep your compact disc player from working. On hot days, use air conditioning to cool the vehicle interior before you listen to a disc.
- Bumpy roads or other vibrations may make your compact disc player skip.

Audio System

- 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 magazine from the player and wait until it dries.



Your automatic changer cannot play special shaped or low-quality compact discs as those shown here. Do not use them as the changer could be damaged.



► **Correct**

- Handle compact discs carefully, especially when you set them into the magazine. 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.)

► **Wrong**



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 a circle). 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.

VI