

1998 Lexus Navigation System

Owner's Manual

LS 400

GS 400

GS 300



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.

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

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

| |
|--|
| NOTICE |
| <i>This is a warning against something which 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.</i> |

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

Safety Instructions

| |
|---|
| CAUTION |
| Looking away from the road can lead to a serious or fatal accident. Make selections only while stopped. Read the safety instructions in the Navigation Manual. |
| <input type="button" value="I agree"/> |

To use your system as safely as possible, follow all 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 driving should always be the safe operation of your vehicle.

Before attempting to use this system while 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 understand these and other instructions in this manual.

You can input your destination and select your route only when the vehicle is not moving. While driving, listen to the voice instructions as much as possible and glance at the screen briefly and only when safe.

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

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

Safety Instructions

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

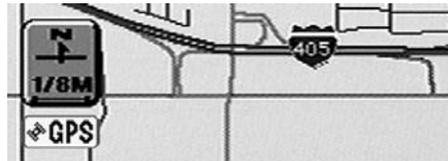
Use this system only in locations where it is legal to do so. Some states/provinces may have laws prohibiting video screens within sight of the driver.

Precautions on use

GPS voice 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 GPS (Global Positioning System) developed and operated by the U.S. Department of Defense provides an accurate current vehicle position using 3 to 4 satellites.



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

The GPS is not available in the following cases:

- Signal obstructions are caused by tunnels, tall buildings, trucks, or even the placement of objects on the instrument panel.
- The satellites do not send signals due to the improvement or repair of them.

When driving, be sure to observe traffic regulations.

Route guidance shows a reference route up to the destination surrounding area.

It is neither a shortest route nor a route without a traffic congestion.

Do not totally rely on voice guidance. Use it just for your information.

If the system cannot determine the current position correctly, there is a possibility of incorrect, late or non-voice guidance.

The road and map data stored in your navigation system may not be latest or complete.

When replacing the tire(s), contact your Lexus dealer.

Precautions on use

This navigation system uses the tire turning data. So, replacing the tire may cause a positioning error.

Make sure tire pressures of 4 wheels should be correct.

For your safety, some functions may become inoperable when you start driving.

Unavailable switches are dimmed.



CAUTION

- **For safety, the driver should not operate the navigation system during driving. Incorrect maneuvering of steering wheel may cause an accident.**
- **When driving, be sure to follow traffic regulations and keep the road condition in mind. If a traffic sign on the road is changed by the regulation, route guidance may provide wrong information such as the route prohibiting the entry of the vehicle.**

Accurate Operation Tips

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 or inappropriate route guidance may occur in some cases.

(a) The 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 the freeway and surface streets run in parallel.
- When the long route is searched during high speed driving.
- When approaching a tall building or large vehicle.
- After moving by ferry or vehicle carrier.
- After repeating a change of directions by going forward and backward, or turning on the turn table in the parking lot.
- When going out from the parking lot with

roof.

- When driving with the tire chains installed.
- When replacing the tire(s).
- When using the tire other than specified.
- When tire pressures of 4 wheels are not correct.
- When driving without setting the current position calibration correctly.
- When the roof carrier is installed.
- When the tires are worn. (i.e., studless tires used in the previous season)

INFORMATION

- *After your vehicle receives signals from the GPS, the current vehicle position, if it is not placed in correct position or on the wrong road, will be corrected automatically.*
- *If your vehicle cannot receive GPS signals, you can correct it manually. For the information on current position calibration, see page 65.*

Accurate Operation Tips

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

- When turning at a wrong intersection off route guidance.
- In some cases, plural names of places are announced.
- In automatic rerouting, route guidance may not be available for the next turning to the right or left.
- It may take a long time to operate automatic rerouting during high speed driving.
- In automatic rerouting, the detour route may be shown.
- If you are heading for the 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.
- The route in a U-turn may be shown or announced.
- The route prohibiting the entry of the vehicle due to the regulation by time or season or any other regulation may be given.
- In automatic rerouting, the route may not be changed.
- Some route may not be searched.
- If there are only narrow streets up to the destination, the route up to the destination may not be shown.
- The destination might be shown opposite to the actual street.

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I Before Operation

Typical operations in this navigation system are described. Because the screens shown in this section are used so often, read the description well and become thoroughly familiar with it.

- Before operation
- Symbols and switches on map screen
- Map database

II List of Functions

The functions of the system are listed according to the 3 categories "Functions concerning the starting point", "Functions concerning half-way of the route" and "Functions concerning the destination".

III Basic Functions

<Description of basic functions in frequent use>

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- "DESTINATION" switch
- "MENU" switch
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- Destination input
- Registration of your house
- Route search
- Route guidance screen
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- Typical voice guidance prompts
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- Turn list
- Map scale
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SECTION I



BEFORE OPERATION

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Before Operation

This section describes basic operations which are frequently used in the navigation system. You should learn how to use each operation and become thoroughly familiar with it.

Switch operation

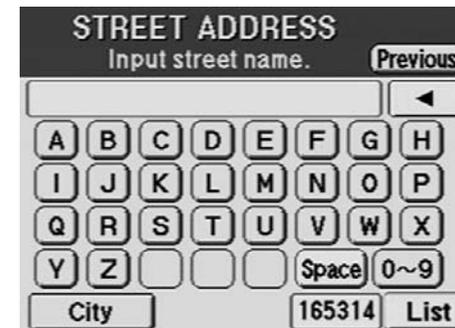
This system operates mainly by the switches on the screen.



- To protect the screen, lightly touch switches on the screen by your finger.
- When you touch switches (on the screen and out of the screen), a beep sounds.

INFORMATION

- *If the system does not respond to a touch of a switch, keep your finger away from the screen and touch it again.*
- *You cannot operate the dimmed switches.*
- *Wipe off fingerprints on the surface of the display using a glasses cleaning cloth. Use isopropyl alcohol as cleaning solution.*



►Name input screen

Directly touch alphabet keys on the screen to input a name.

If you touch a wrong letter, delete it using "◀". Touching "◀" erases one character.

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

Before Operation



Touching "A~Z" changes to the screen for inputting a name shown on the previous page.



►List selection screen

Touch of your desired item for selection.



Scrolls the item up or down.



Shifts to the item beginning with the next or previous page.



> Scrolls to the end of a long item which cannot be shown on the screen or returns to the beginning.
<



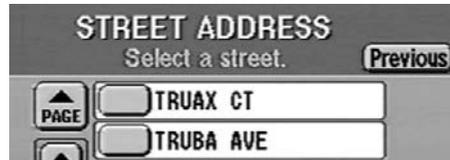
►Position locating screen on the map

1. Touch "Scroll" to move the cursor .

Before Operation

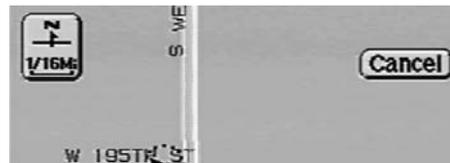
2. When you touch an arrow facing your desired point, the map scrolls in that direction. When you release your finger, scrolling stops.
3. If you touch "Enter", the position of cursor  is set.

"Previous" switch



To return to the nearest previous screen during the setting of destination or other functions, touch "Previous" at the top right of the screen.

"Cancel" switch



If you touch "Cancel" at the top right of the map screen in the route guidance mode, the route guidance cancel mode screen appears. (For details, see page 41.)

Initial screen

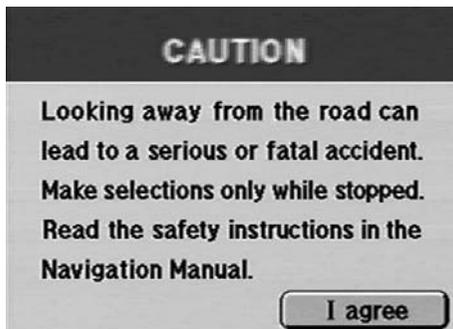


When the engine is started (or the ignition key is turned to "ACC"), the initial "LEXUS" screen appears and the system begins operating.

CAUTION

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

Before Operation



After a few seconds, the "CAUTION" screen appears.

Please read it and follow the instructions. When you touch "I agree" on the screen, the next screen appears.

If you turned off the ignition when a screen other than for the navigation system (i.e., for the audio system or air conditioning) is displayed, the initial screen shown on the previous page reappears when the ignition is turned on. Then the audio or air conditioning screen appears. When you push the "MAP/GUIDE", "DESTINATION" or "MENU" switch to change to the navigation system screen, the "CAUTION" screen appears.



If the destination is not input, the "Destination input" screen appears.

- If you want to input your destination, follow the steps shown in "Destination input" on page 26.
- If you want to display your current position without inputting a destination, push the "MAP/GUIDE" switch.

Symbols and Switches on Map Screen



Current Vehicle Position Mark

Indicates the current position.



North-Up Symbol and Scale of Map

Indicates the map with North up. Touching this symbol directly on the screen changes to the map with heading-up.

The figure indicates the map scale.

For details, see page 51.



Heading-Up Symbol and Scale of Map

Indicates the map with the vehicle travel direction up. The red triangle shows North. Touching this symbol directly on the screen changes to the map with North-up.



GPS Mark (Global Positioning System)

On reception of signals from the GPS, this mark is displayed.



Magnification or reduction of the map scale. For details, see page 50.



Canceling the Route Guidance

(on the map screen)

The screen displays the "CANCEL GUIDANCE" mode. For details, see page 41.



One - Touch Registration of Marked Point

Registers the current vehicle position as a marked point.

For details, see page 58.



Display of Point of Interest

Symbols such as restaurants and hotels, etc. can be displayed on the screen. For details, see page 47.



Deletion of Point of Interest

Symbols such as restaurants and hotels, etc. displayed on the screen can be deleted. For details, see page 47.



Setting of Detour

A detour can be set in the route guidance mode to avoid a traffic jam caused by road repairs or an accident. For details, see page 46.



Voice Guidance

If you cannot hear voice guidance, you can hear it once again.

Symbols and Switches on Map Screen



Turn List Display

Instead of the map screen, the list of roads for driving can be used for route guidance. For details, see page 49.

Map Database

Map database is made based on the maps in January, 1998 edition of DENSO, whose information source comes from Nav Tech maps.

INFORMATION

Nav Tech map data includes 2 types of areas: "Detailed map coverage areas" providing all detailed road data and other areas showing main roads only. The route calculation may not be made on the border of the detailed map coverage area and the other 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 changed so often. In some places, the construction on roads may be in progress. For that reason, information on some parts in this system might be different from the actual one.

For the map information, contact your Lexus dealer.



When you touch "Map Info.", the "Map Database Version" screen appears and displays the map database version. The screen goes out 6 seconds later.

Detailed map coverage area



September, 1997 by Nav Tech

■ Detailed map coverage area
(Major cities and their environs only)

Map Database

Detailed map coverage area



August, 1997 by Nav Tech

■ Detailed map coverage area
(Major cities and their environs only)

Detailed map coverage area



October, 1997 by Nav Tech

■ Detailed map coverage area
(Major cities and their environs only)

Map Database

Detailed map coverage area



October, 1997 by Nav Tech

■ Detailed map coverage area
(Major cities and their environs only)

Detailed map coverage area



October, 1997 by Nav Tech

■ Detailed map coverage area
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Map Database

Detailed map coverage area



September, 1997 by Nav Tech

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September, 1997 by Nav Tech

■ Detailed map coverage area
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Map Database

Detailed map coverage area



August, 1997 by Nav Tech

■ Detailed map coverage area
(Major cities and their environs only)

Detailed map coverage area



August, 1997 by Nav Tech

■ Detailed map coverage area
(Major cities and their environs only)

SECTION II

LIST OF FUNCTIONS



List of Functions

| STARTING POINT | HALFWAY | DESTINATION |
|--|---|--|
| | | |
| | page | page |
| <ul style="list-style-type: none"> ● Precautions on use ii ● Registration of your house 21 ● Current position display 20 ● Clock adjustment (LS400 only) 76 ● Change of time zone 76 ● Screen adjustment / Turning off the screen display 77 | <ul style="list-style-type: none"> ● Detour setting 46 ● Route search on condition <ul style="list-style-type: none"> Way point 59 Avoid point/Area 62 Route search condition up to the destination 39 ● Magnified display of freeway junctions or intersections 16 ● Destination change 41 ● Display of points of interest 47 ● Current position calibration 65 ● Volume adjustment of voice guidance 42 ● Map display <ul style="list-style-type: none"> North-up/Heading up 51 Advanced view 52 Screen scrolling 51 Map scale 50 ● Automatic rerouting 68 ● Display of route trace 70 | <ul style="list-style-type: none"> ● Destination input <ul style="list-style-type: none"> From an address 28 From a point of interest 30 From a marked point 35 From an intersection 38 From a freeway entrance/exit 36 From a previously set destination 37 ● Marked points 54 ● In case of an emergency (hospitals, dealers, police stations) 32 ● Change of search area 26 ● Turn list 49 ● Route preview 69 ● Display of remaining distance up to the destination 42 ● Estimated arrival time 71 ● Trip information (driving distance, driving time, average speed, fuel expenses) 72 ● Display of available cruising distance 72 |

SECTION III

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| "MENU" switch | 18 |
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| Registration of your house | 21 |
| Destination input | 26 |
| Route search | 39 |
| Route guidance screen | 41 |
| Voice guidance | 42 |
| Typical voice guidance prompts | 43 |
| Detour setting | 46 |
| POI (display of points of interest) | 47 |
| Turn list | 49 |
| Map scale | 50 |
| Screen scrolling | 51 |
| Orientation of map | 51 |
| Advance view | 52 |



"MAP/GUIDE" Switch



The following features are available with the "MAP/GUIDE" switch.

(a) Displaying the current position

The screen displays the current position. The current vehicle position mark is displayed in the center of the screen.

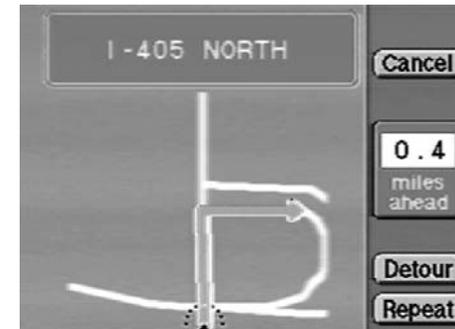
Even after you move the map by a "one-touch" scroll (see page 51 for details), pushing the "MAP/GUIDE" switch displays the screen with the current vehicle position mark in the center of the screen.

(b) Displaying the magnified intersection or freeway exit

When you are approaching an intersection or freeway exit, the intersection or freeway exit display is magnified automatically. The name of the street on which you will run is displayed at the top of the screen.

INFORMATION

Immediately after the beginning of route guidance, the magnified intersection may not be displayed on the screen. If this is a case, push the "MAP/GUIDE" switch.



Pushing the "MAP/GUIDE" switch alternates the screens shown above.

Repeat: Voice guidance repeats.

Detour: Sets the detour. (For details, see page 46.)

"DESTINATION" Switch



Push the "DESTINATION" switch to display the screen for inputting your destination.

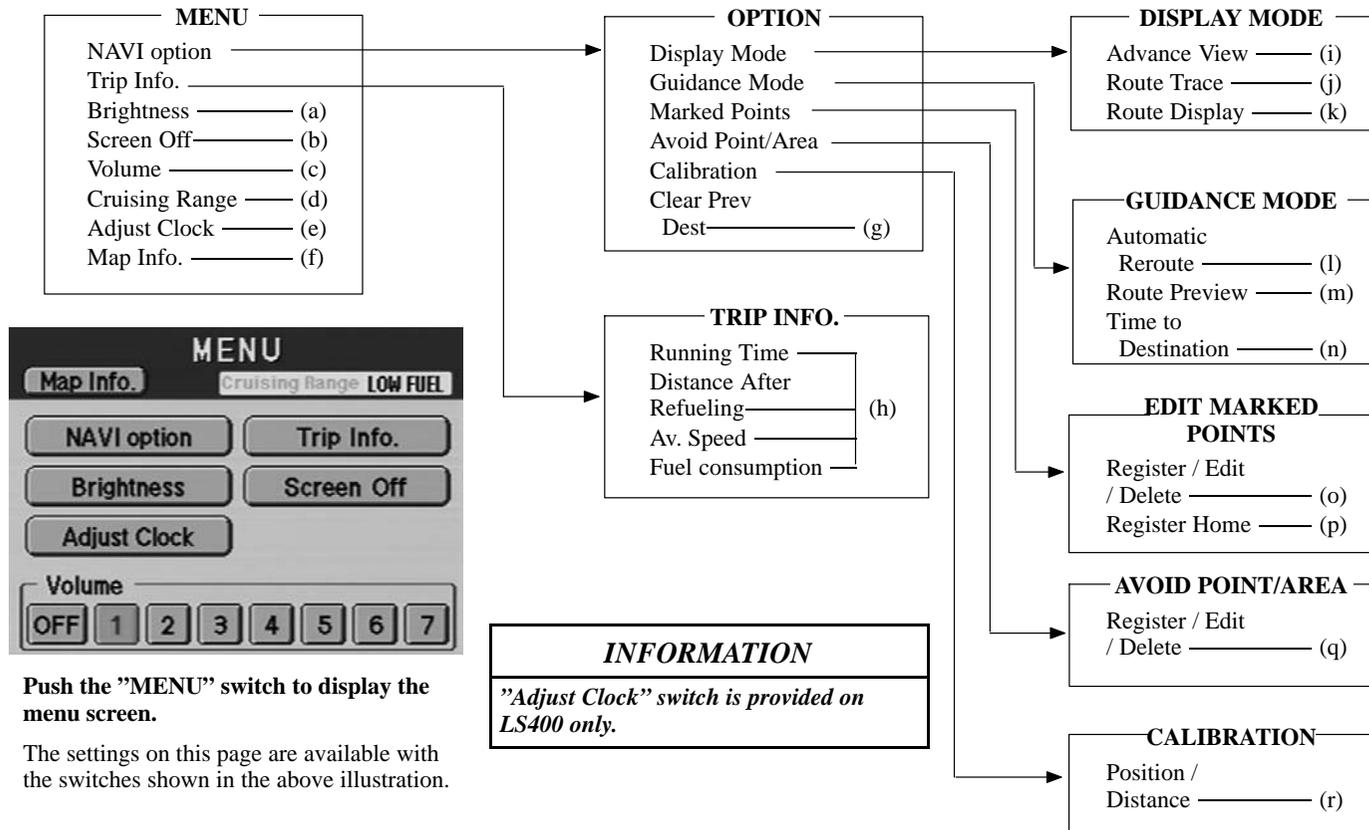
If you push the "DESTINATION" switch during route guidance, the "CANCEL GUIDANCE" screen appears. Touch "Cancel Guidance" to display the following destination input screen.



For the steps to input your destination, see the part "Destination input" on page 26.



”MENU” Switch



”MENU” Switch

| | |
|---|-----------|
| (a) Brightness | 77 |
| Adjustment of brightness or contrast of the screen | |
| (b) Screen Off | 78 |
| Turning off the screen display | |
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| Volume adjustment of voice guidance | |
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| Showing the map database version | |
| (g) Clear Prev Dest | 27 |
| Deletion of all previous destinations | |
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| | |
|---|-----------|
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| Registration/editing/deletion of the marked point | |
| (p) Register Home | 21 |
| Registration of your house | |
| (q) Register/Edit/Delete | 62 |
| Registration/editing/deletion of the point to be avoided | |
| (r) Position/Distance | 65 |
| Calibration of the current vehicle position and distance | |

For details, see the page number given for each item.

Current Position Display



Push the "MAP/GUIDE" switch.

The current vehicle position mark appears in the center of the screen.

- During driving, the current vehicle position mark is fixed in the center and the map moves.
- If you select the advance view display (see page 52 for details), display of the part where your vehicle is heading for is enlarged.
- When you move the map with a "one-touch" scroll (see page 51 for details) to check the road condition, the map is fixed and the current vehicle position mark is movable.

INFORMATION

Because the map is fixed and the current vehicle position mark moves with a "one-touch" scroll, the current vehicle position mark may disappear from the screen during driving. Move the map with a "one-touch" scroll again or push the "MAP/GUIDE" switch to display the current vehicle position mark in the center of the screen.



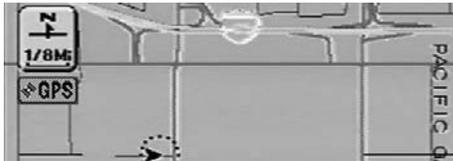
The name of the street on which you are now driving appears at the bottom of the screen.

Zoom IN / Zoom OUT: The map can be magnified or reduced on scale. (For details, see page 50.)

Mark: One-touch registration of the marked point. (For details, see page 58.)

POI: The symbols of points of interest such as restaurants and gas stations, etc. can be displayed on the map screen. (For details, see page 47.)

Current Position Display



►[GPS] means your vehicle is receiving signals from the GPS

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 disconnection of the battery, or on a new vehicle, the current position may not be correct. After receiving signals from the GPS, the correct current position is displayed.

If you must correct the current position manually, follow the steps on page 65.

Registration of Your House

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



1. Push the "MENU" switch to display the menu screen and touch "NAVI option."

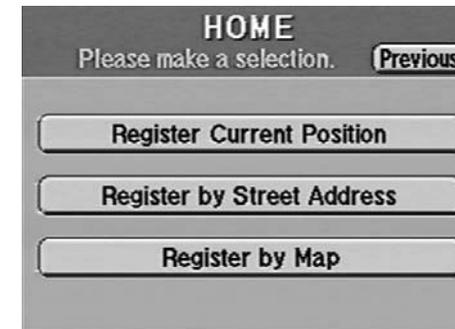


2. Touch "Marked Points".



►Marked points screen

3. Touch "Register Home".



4. Touch and select your desired item from the 3 items on the menu.

Registration of Your House

(a) Registering current position

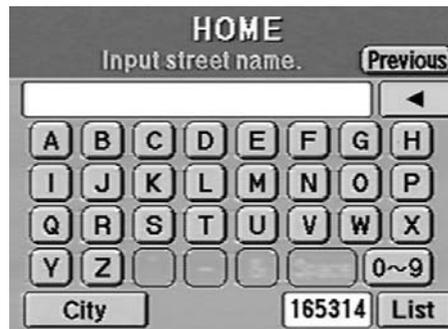
If your vehicle is at your house, the current position is registered as your house.

(b) Registering by street address

If you are far away from your house, input your home address to display the map around your house.

ting a house number appears.

City: The screen for inputting a city name appears. See step "4" on page 24.



1. Input a street name.

If you touch a wrong letter, delete it using "◀".

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

Based on the input letters, the number of sites appears next to "List" at the bottom right of the screen. After the number decreases to some extent, touch "List" to display the street names. Touch of the desired street name.

After finishing your entry, the screen for input-

Registration of Your House



2. Touch numeral keys to input a house number.

After finishing your entry, touch "Enter".

The screen changes and displays the menu to determine the condition of the set route. (See page 39.)

If the input house number exists in more than 2 cities, the screen changes and displays the menu of the applicable cities.

3. Touch "Map" to display the map screen and determine the position.

If the street input at step "4" is in plural cities, the screen changes and displays the menu to select an applicable city. Select a city in which your house is.



Touch "Scroll" to display the screen on which the cursor  can be moved.



Touch an arrow facing your desired point. The map scrolls in that direction. When you release your finger, scrolling stops.

Move the cursor  to the desired position, and touch "Enter".



III

Registration of Your House

4. Touch alphabet keys directly on the screen to input a city name.

If you touch a wrong letter, delete it using "◀".

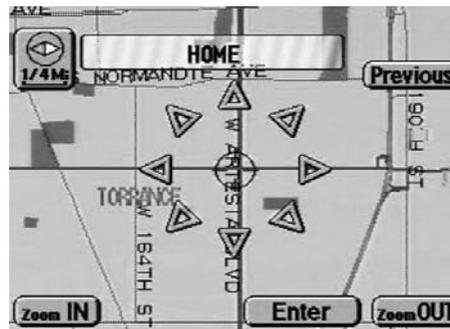
When you input numerals, touch "0□9" switch to display the screen for numeral input.

Based on the input letters, the number of sites appears next to "List" at the bottom right of the screen. After the number decreases to some extent, touch "List" to display the street names. Touch of the desired city name.

5. After entering the city name, input a street name and house number. Follow the same procedure on the previous page.

(c) Registering by map

If you are not so far away from your house, you can make a registration directly on the map.



The map indicating the current position is displayed. Touch one of the arrows to move the cursor  to your house. (For the method of how to move the cursor, see page 3.)

(d) Changing the registration of your house

1. Push the "MENU" switch.

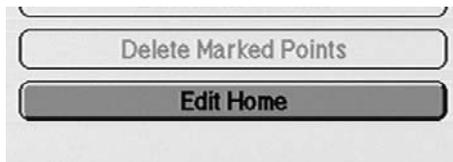


2. Touch "NAVI option" on the "MENU" screen.

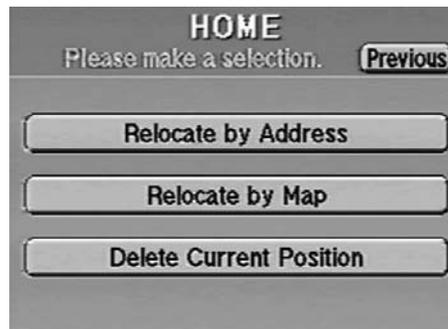


3. Touch "Marked Points" on the "Option" screen.

Registration of Your House



4. Touch "Edit Home".



5. Touch your desired item.

Relocate by Address: Input your new home address. See page 28 for the detailed steps.

Relocate by Map: If your house is not so far away, display the map screen and re-register your house by moving the cursor .

Delete Current Position: The current position is deleted.

Destination Input

(a) Destination input



1. Push the "DESTINATION" switch.

The destination input screen appears.

2. Select a way of displaying the map of the destination surrounding area.

Address: From an address, the surrounding area map is displayed. See page 28 for the detailed steps.

Points of Interest: From a point of interest, the surrounding area map is displayed. See page 30 for the detailed steps.

Marked Points: From the registered marked point, the surrounding area map is displayed. See page 35 for the detailed steps.

Intersection: From an intersection, the surrounding area map is displayed. See page 38 for the detailed steps.

Fwy Entrance/Exit: From a freeway entrance or exit, the surrounding area map is displayed. See page 36 for the detailed steps.

Previous Dest.: From the previously set destination, the surrounding area map is displayed. See page 37 for the detailed steps.

Home: Route guidance up to your house is available. See page 37. In this case, it is necessary to register your house beforehand. See page 22 for the detailed steps.

Change: On the screen, the name of state/province to be searched is shown in abbreviation. When you touch "Change", the search area can be changed on the next screen.



Touch to change the search area and the previous screen returns.

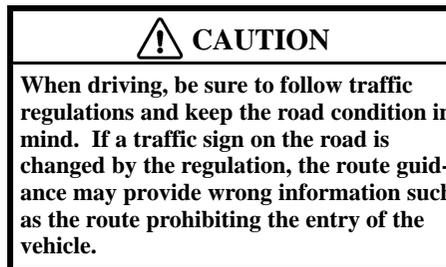
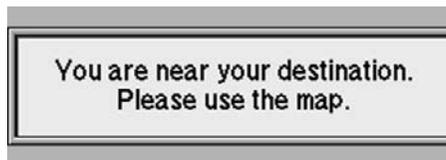
INFORMATION

- *When inputting the destination, the response to the switch may be slow.*
- *Destination input by address can be made in "Detailed map coverage areas" only. (See page 8 for details).*

Destination Input

- "Points of Interests" are mainly registered in "Detailed map coverage areas". The registration is made based on the Nav Tech "Standard POI Inclusion List".
- If there is no point registered, switches such as "Marked Points" or "Previous Dest." are dimmed and not available.
- The route for returning may not be the same as that for going.
- Route guidance shows a reference route up to the destination surrounding area. It is neither a shortest route nor a route without a traffic congestion.
- Route guidance may not be available depending on the distance up to the destination surrounding area, or if there is no road data for specific locations.
- When setting the destination, you should use the map on a scale of 1/80000 or smaller.
- The detour route may be set in areas other than "Detailed map coverage areas". (See page 8 for details.)

- To set the "Points of Interests" in the different time zone, the area change is necessary.
- If the destination is closer to the current position, the following screen appears.



(b) Clearing the previous destination

You can delete the old destination whose route guidance is already finished.

Follow the steps below.

1. Push the "MENU" switch.



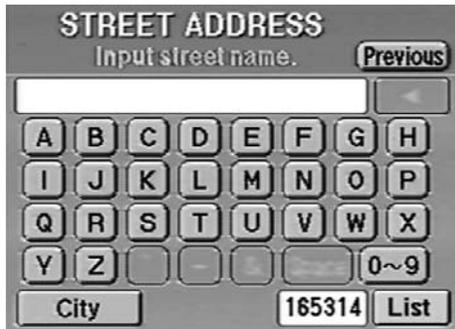
2. Touch "NAVI option".



► Option screen

3. Touch "Clear Prev Dest.".
4. The message appears for confirmation. If you are sure to delete the previous destination, touch "YES". If not, touch "NO".

Destination Input [ADDRESS]



There are 2 ways to input a route.

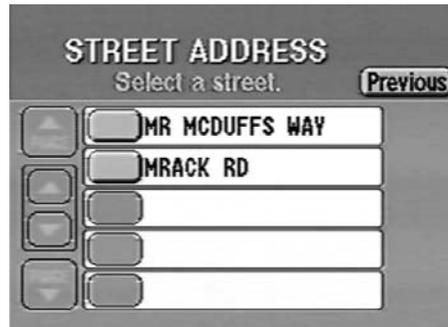
(a) Inputting a street name directly using alphabet keys.

1. Touch letters directly on the screen to input a street name.

As the result of searching memorized names in the system, unavailable characters are dimmed.

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

Based on the input characters, the number of sites appears next to "List" at the bottom right of the screen. After the number decreases to some extent, touch "List" to display the site names. (See the following illustration.)



If you find your desired street name, touch of the item. The "Input house number" screen appears.



2. Input a house number.

After input, touch "Enter" to start "Route searching".

Map: If you touch this switch, you can confirm the location or determine the location on the map screen.

Destination Input [ADDRESS]

If the same house number exists in more than one city, the screen changes and displays the menu of the applicable cities. Select your desired city name.

After setting, the "Route Searching Condition" screen (see page 39) and then the "Route Guidance" screen (see page 41) appears. Follow each step.

(b) Inputting a city name

The city name input screen appears if you touch the "City" switch on the "STREET ADDRESS" screen on page 28.



1. Input a city name using alphabet keys.

You can also select the desired city using the "List" function.



2. The "STREET ADDRESS" screen appears. Input a street name, and then house number. The succeeding steps are the same as in "(a) Inputting a street name directly using alphabet keys" on the previous page.

Destination Input [POINTS OF INTEREST]



There are 3 ways to input a route.

- (a) Inputting a name of points of interest directly.
- (b) Inputting a city name first.
See page 31.
- (c) Selection from the category
See page 31.

(a) Inputting a name of points of interest directly

1. Touch letters directly on the above screen to input a name.

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

If the number of sites becomes 5 or less, or if you touch "List" at the bottom right of the screen, the screen changes and displays a list of sites.



2. Touch of your desired item.

When you touch of your desired item, the screen changes and displays the menu to determine the route searching condition. (See page 39.)

3. When you touch "INFO.", the information such as points-of-interests name and address, etc., are shown on the map screen.

4. If you want to change the location of the destination, touch "Scroll" and move the cursor.

Destination Input [POINTS OF INTEREST]

(b) Inputting a city name

Touch "City" on the first screen on page 30.



1. Touch alphabet keys directly on the screen to input a city name.

If you touch a wrong letter, delete it using "◀".

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

Based on the input letters, the number of sites appears next to "List" at the bottom right of the screen. After the number decreases to some extent, touch "List" to display the street names. Touch of the desired city name.

2. After entering the city name, input the name of the points of interest. (Follow the same procedure described on the previous page.)

(c) Selection from the category

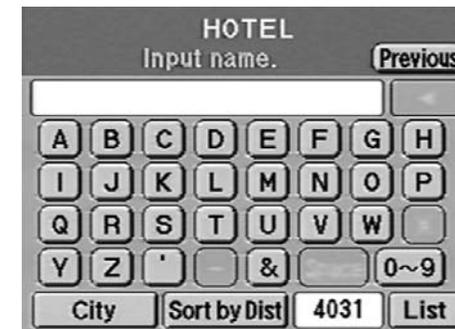
Touch "Category" on the first screen on page 30.



1. Touch of your desired point of interest. The screen changes and displays the menu to input a name.

Emergency: See page 32.

Name Input: The screen for inputting a name appears. See page on the previous page.



2. Touch letters directly on the screen to input a name.

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

If the number of sites becomes 5 or less, or if you touch "List" at the bottom right of the screen, the screen changes and displays a list of sites.

Sort by Dist; Nearby places from the current position are displayed.

Destination Input [POINTS OF INTEREST]



▶ "Sort by Name" screen



▶ "Sort by Distance" screen

3. Touch of your desired item.

When you touch of your desired item, the screen changes and displays the menu to determine the route searching condition. (See page 39.)

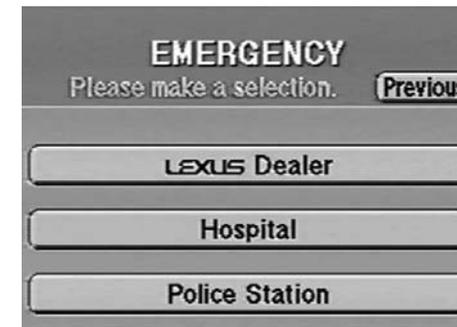
4. When you touch "INFO.", the information such as points-of-interest name and address, etc., are shown.



When you touch "Map", the map screen appears. When you touch "Enter", the screen changes and displays the menu to determine the route searching condition. (See page 39.)

(d) Touching "Emergency"

A hospital, police station and Lexus dealer, etc. can be set as a destination. This feature is helpful in case of an emergency.



1. Touch your desired item.

Destination Input [POINTS OF INTEREST]



2. The distance from the current position up to the destination is displayed at the right of the name. Touch of your desired item. The screen changes and displays the menu to determine the route searching condition. (See page 39.)

INFO: The points-of-interest name and address, etc., are displayed.

When you touch "Map" on the information screen, the map screen appears. When you touch "Enter", the screen changes and displays the menu to determine the route searching condition. (See page 39.)

Sort by Name: The names are displayed in the alphabetical order.

LIST OF POINTS OF INTEREST

A

Airport
Amusement Park
ATM
Automobile Club

B

Bank
Bus Station
Business Facility

C

City Center
City Hall
Civic /Community Ctr (Center)
Commuter Rail Station

Convention Center

Court House

E

Entertainment

F

Ferry Terminal

G

Gas Station
Golf Course
Grocery Store

H

Higher Education
Historical Monument
Hospital
Hotel

L

Lexus Dealer
Library

M

Marina
Museum

P

Park and Ride
Park/Recreation Area
Parking Garage/House
Parking Lot
Performing Arts
Police Station

Destination Input [POINTS OF INTEREST]

R

Recreation
Rental Car Agency
Rest Area
Restaurant

S

School
Shopping
Sports Complex

T

Tourist Attraction
Tourist Information
Toyota Dealer
Train Station

Destination Input [MARKED POINT]

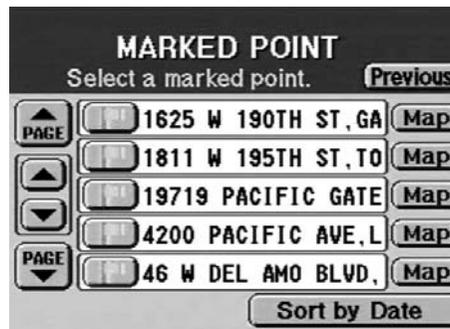


The list is displayed according to the date when the mark was registered.

Select your desired point. The screen changes and displays the menu to determine the route searching condition.

Map: If you touch this switch, the map screen appears. Move and set the cursor \odot at the desired point. (For the method of how to move the cursor, see page 3.) Then, touch "Enter" to display the menu to determine the route searching condition.

Sort by Mark: Searches based on the registered symbol. The following screen appears.



The places indicated by the same symbol are listed.

Select your desired point. The screen changes and displays the menu to determine the route searching condition.

Sort by Date: The previous screen returns and displays a list of marked points by date.

After setting, the "Route Searching Condition" screen (see page 39) and then the "Route Guidance" screen (see page 41) appears. Follow each step.

Destination Input [FWY ENTRANCE/EXIT]



1. Input a freeway name.

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

Touch "List" to change the following screen. When the number of sites becomes 5 or less, the list screen appears automatically.



Touch of the desired name.



► Freeway Entrance/Exit screen

2. Select "Entrance" or "Exit".



► Freeway Entrance/Exit screen

3. Touch of the desired entrance or exit name. The screen changes and displays the menu to determine the route searching condition.

Map: If you touch this switch, the map screen appears. Move and set the cursor  at the desired point. (For the method of how to move the cursor, see page 3.) Then, touch "Enter" to display the menu to determine the route searching condition.

Sort by Distance: The screen lists the places in the order of nearby entrance or exit from your current position.



► Freeway Entrance/Exit screen

4. Touch of the desired name. The screen changes and displays the menu to determine the route searching condition.

Map: If you touch this switch, the map screen appears. Move and set the cursor  at the desired point. (For the method of how to move the cursor, see page 3.) Then, touch "Enter" to display the menu to determine the route searching condition.

Sort by Name: The previous screen returns.

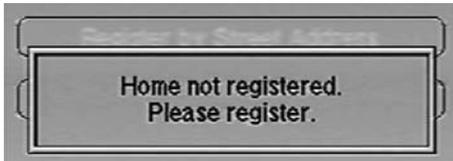
After setting, the "Route Searching Condition" screen (see page 39) and then the "Route Guidance" screen (see page 41) appears. Follow each step.

Destination Input [HOME]

Touch "Home" on the "DESTINATION INPUT" screen.

If your house is already registered, the system starts searching for a route from your current position to your house. To set the route searching condition, see "Route Search" on page 39.

If your house is not registered yet, the following screen appears for a few seconds and then the screen displays the menu to register your house.



For the steps to register your house, see "Registration of your house" on page 21.

Destination Input [PREVIOUS DEST.]



The screen lists up to 10 destinations previously set.



Lists the destinations from the 1st to the 5th one or from the 6th to 10th one.



Select your desired destination. The screen changes and displays the menu to determine the route searching condition.

Map: If you touch this switch, the map screen appears. Move and set the cursor \odot at the desired point. (For the method of how to move the cursor, see page 3.) Then, touch "Enter" to display the menu to determine the route searching condition.

After setting, the "Route Searching Condition" screen (see page 39) and then the "Route Guidance" screen (see page 41) appears. Follow each step.

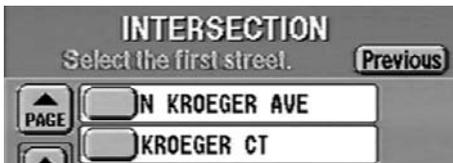
Destination Input [INTERSECTION]



1. Input the name of one of the streets crossing at the intersection, which is located near the destination to be set.

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

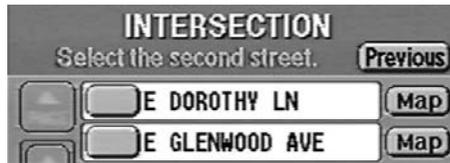
When you touch "List" or the number of sites becomes 5 or less, the following screen appears.



2. Select the desired street name.

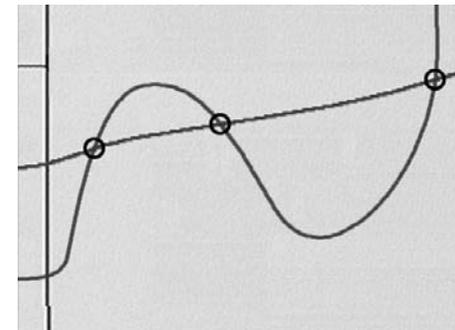
The screen for inputting the cross street name appears.

3. Input a cross street name in the same way as step "1".



4. Select the desired street name. The screen changes and displays the menu to determine the route searching condition.

Map: If you touch this switch, the map screen appears. Move and set the cursor \curvearrowright at the desired point. (For the method of how to move the cursor, see page 3.) Then, touch "Enter" to display the menu to determine the route searching condition.



If the same 2 streets cross at more than one intersection, the screen changes and displays the menu to select the city name where the 2 streets intersect.

After setting, the "Route Searching Condition" screen (see page 39) and then the "Route Guidance" screen (see page 41) appears. Follow each step.

Route Search

After the destination input, the screen changes and displays the menu to determine the condition of the route up to the destination.



1. Select your desired item.

- **Minimize Dist.**

Searches for a short route.

- **Minimize Time**

Searches for a route on which you can reach the destination in the shortest time.

- **Minimize Freeway Use**

Searches for a route which avoids freeways as much as possible. (In some cases, the route running on the freeway cannot be avoided.)

- **Minimize Toll Road Use**

Searches for a route which avoids toll roads as much as possible.

The selected item is highlighted in green.

2. When you touch "Enter", the system starts searching for a route up to the destination.



3. During the route search, "Searching Route" at the top of the screen changes color from the left. When the search is completed, route guidance starts.

If the route preview mode is set to "ON" (see page 69 for setting), the "Route preview" screen appears.

Route Search



►Route preview screen

4. When you touch "Start", the route guidance starts.

Even if you do not touch "Start", when your vehicle moves for 15 seconds, the route guidance screen appears automatically.

Set Way Pt.: If you want to set a way point between the starting point and the destination, touch this switch and follow the steps to set a way point on page 59. If the set way point is already registered, "Add Way Pt." is displayed on the screen.

Turn List: Instead of the map screen, if you want to display the list of roads on which you will run, and use it for route guidance, touch this switch. (See page 49.)

INFORMATION

The distance up to your destination is shown at the right of the screen.

Route Guidance Screen

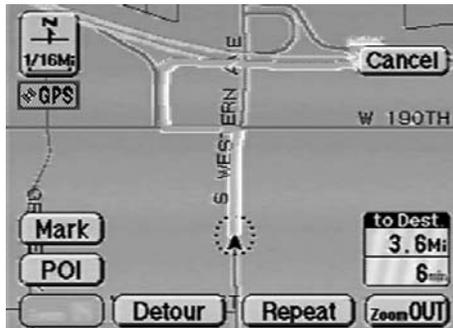


Detour: The detour can be set to avoid a traffic jam which may be caused by road repairs or an accident. (For details, see page 46.)

Zoom IN / Zoom OUT: Magnifying or reduction of the map scale. (For details, see page 50.)

Mark: One-touch registration of the marked point. (For details, see page 58.)

POI: Symbols of points of interest are shown on the screen. (For details, see page 47.)



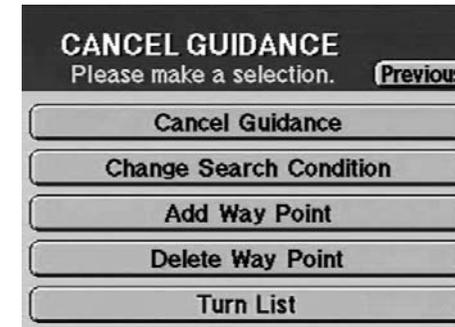
[GPS]: Upon reception of signals from the GPS (Global Positioning System), this mark appears. (For details, see page ii.)

Repeat: When you cannot hear the message, touch this switch to listen again.

INFORMATION

- *The distance up to your destination appears at the right of the screen.*
- *The time up to your destination can also be displayed. For the setting steps, see page 71.*

Cancel: The "CANCEL GUIDANCE" screen appears and the following settings are available.



Cancel Guidance: Changes the destination. When you touch this switch, the destination input screen appears. (For details, see page 26.)

Change Search Condition: Changes the condition of the route. (For details, see page 39.)

Set Way Point: Sets a way point. (For details, see page 59.) If the set way point is already registered, "Add Way Point" is shown on the screen.

Delete Way Point: Deletes way points. (For details, see page 61.)

Route Guidance Screen

Turn List: Instead of the map screen, if you want to display the list of roads on which you will run, and use it for route guidance, touch this switch. (See page 49.)

INFORMATION

If the route by ferry is included up to the destination, the route guidance shows a sea route. After moving by ferry, the current vehicle position may be incorrect. Upon reception of GPS signals, it is automatically corrected.

Voice Guidance

Route guidance by voice up to the destination surrounding area is available in the map screen during route guidance.

Use voice guidance just for your reference. (See page iii for accurate operation tips.)

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



1. Push the "MENU" switch to display the menu screen.

2. Touch any number at the bottom of the screen to select the desired volume.

The selected item is highlighted in green.

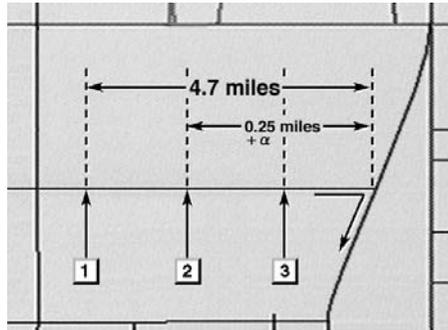
3. If you do not need voice guidance, touch "OFF".

Voice Guidance

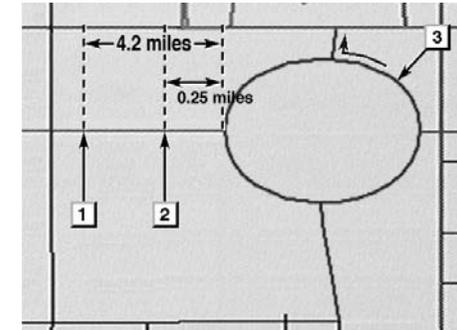
INFORMATION

Voice guidance is continued after the navigation screen is changed to the audio or air conditioning screen.

Typical Voice Guidance Prompts



- 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."

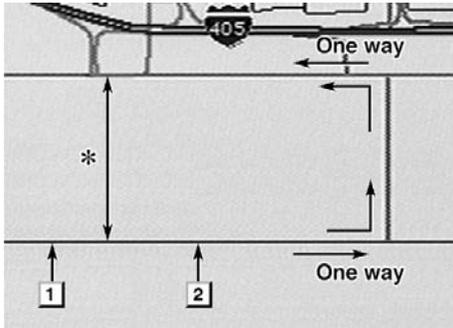


- 1 "Proceed about 4 miles to the traffic circle."
- 2 "In a quarter of a mile, traffic circle ahead, and then right turn 3rd exit ahead."
- 3 "Next exit right."

INFORMATION

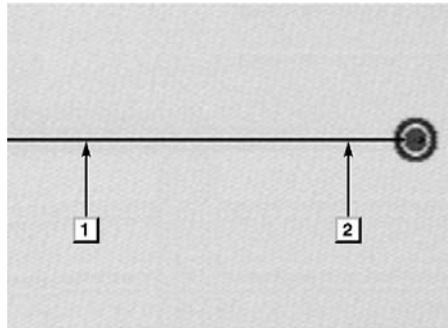
Even if the surface street and freeway have a similar configuration, voice guidance will be made at the different point.

Typical Voice Guidance Prompts

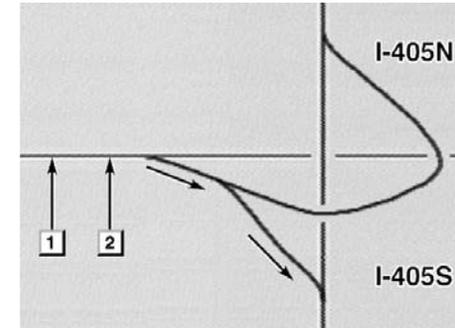


*: The width of the road is less than 15 m in residential area or 50 m except residential area.

- 1 "In half of a mile, make a legal U-turn."
- 2 "Make a legal U-turn."



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



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

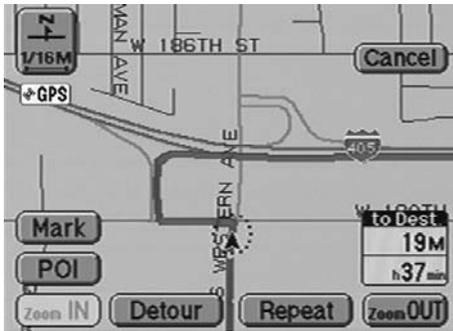
Typical Voice Guidance Prompts

INFORMATION

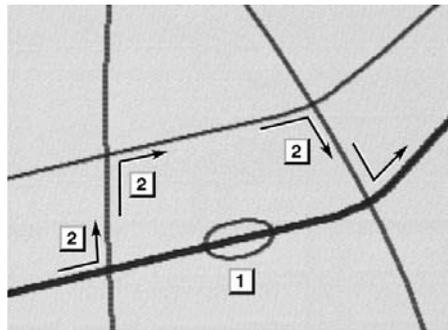
- *Voice guidance may be made early or delayed.*
- *If the system cannot determine the current position correctly, you may not hear voice guidance or may not see the magnified intersection on the screen.*
- *If you cannot hear voice guidance, touch "Repeat" on the screen to listen again.*

Detour Setting

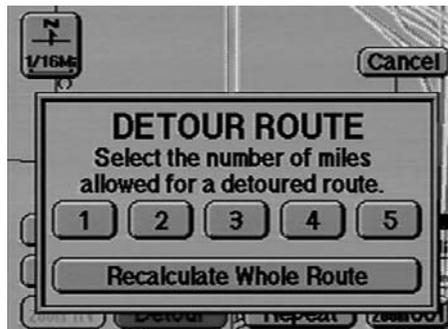
During route guidance, you can set the route which avoids a traffic jam caused by road repairs, an accident, etc.



1. Touch "Detour".



- ▶ 1 Traffic jam is occurring due to road repairs or an accident
- 2 Detour



2. Touch numeral keys according to the distance you want to detour.

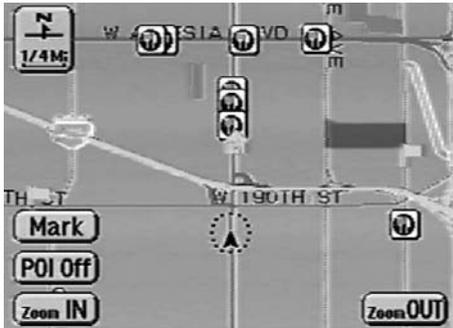
After detouring, your vehicle returns to the set route.

Recalculate Whole Route: Changes the entire route from the current position to the destination.

INFORMATION

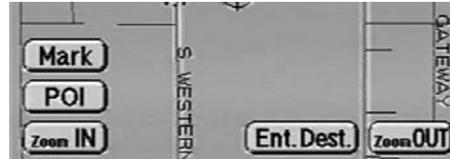
- If you do not touch the screen for 6 seconds, the previous screen returns.
- When your vehicle is on a freeway, the detour distance displayed for setting is 5, 10, 15, 20 and 25.
- The detour route may not be set depending on the selected distance and surrounding road conditions.

POI

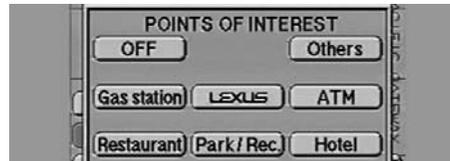


Points of interest such as gas stations and restaurants can be displayed on the map screen. You can also set their mark as a destination and use them for route guidance.

(a) Displaying on the screen



1. Touch "POI" on the map screen.



2. Touch your desired type of point of interest.

INFORMATION

After touching your desired type of point of interest, if there is no desired point of interest on the current map screen, the map is automatically magnified up to "8 scale map" to display at least one point of interest.

If you cannot find your desired point of interest on this screen, touch "Others". The screen displays the "POINTS OF INTEREST" screen.



For the steps to input the destination, see page 30.



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

POI

(b) Setting as a destination

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



1. Directly touch the mark of the point of interest which you want to set as a destination.

Its mark moves to the center of the screen and overlaps with the cursor .

The name of the point of interest and the distance from your current position can be displayed at the top of the screen.



If the marks of 2 close points of interest overlap each other, touch "Next" to bring your desired mark in front of the other.

2. If your desired point of interest overlaps with the cursor, touch "Ent. Dest.". The screen changes and displays the menu to determine the route searching condition. (See page 39.)

Turn List



Instead of the map screen, the list of roads up to your destination can be displayed and used for route guidance.

To confirm in advance which road to drive on, touch . However, some set route may not be shown in advance.



A horizontal line indicates your approximate position from the starting point to the destination.



Indicates which direction you should turn at an intersection.

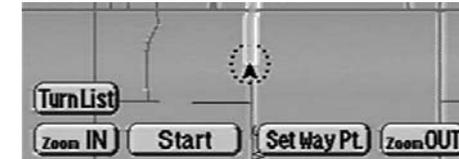


INFORMATION

- When you are driving on the set route up to the destination, the current vehicle position mark appears on the screen, however, it is not movable.
- If your vehicle is not on the set route, the name of the street on the off-route is shown on the list.
- Each section is divided at an interchange, fork or point where the road type is changed.
- The distance up to a certain point is displayed in miles. If it is 1 mile or longer, it is rounded off to the nearest whole number. If it is less than 1 mile, it is rounded off to one decimal place.
- It may take a long time to display the turn list when the long route is searched.

There are 2 ways to display the turn list.

(a) Operation on the route preview screen



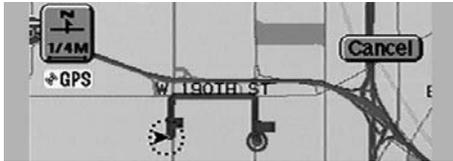
Touch "Turn List".

For setting the route preview mode, see page 69.

For the route preview screen, see "Route search" on page 39.

Turn List

(b) Operation on the cancel guidance screen



1. Touch "Cancel" at the top right of the route guidance screen.



► *Cancel guidance screen*

2. Touch "Turn List".

INFORMATION

Push the "MAP/GUIDE" switch to display the map with route guidance.

Map Scale



Touch "Zoom IN" or "Zoom OUT" to display the map at the size you want.

A detailed or magnified map is shown with the current vehicle position mark at the center of the screen.

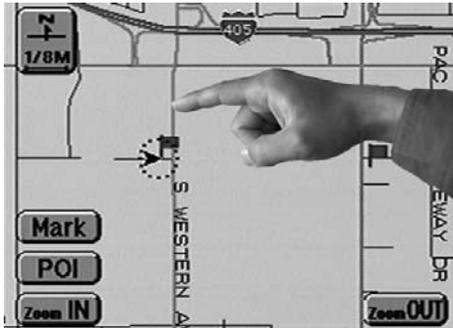
The horizontal bar at the bottom of the screen indicates the map scale menu. The figure indicates the scale. Touch "Zoom IN" or "Zoom OUT" until the desired figure is highlighted.

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

INFORMATION

When the map is magnified, "Zoom OUT" is dimmed. When the map shown on the display cannot be reduced in more detailed scale, "Zoom IN" is dimmed.

Screen Scrolling



You can bring the desired point to the center of the screen.

The part you touch with your finger moves in to the center of the screen and is shown by the mark . You can set this place as a destination. Touch "Ent. Dest." on the screen.

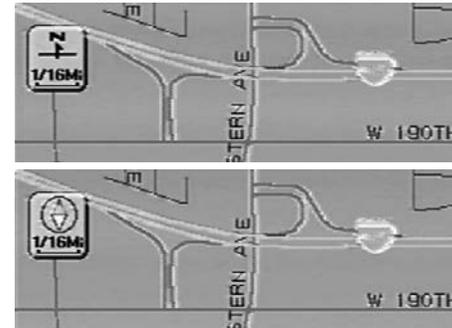
If you touch switches like "Mark", "POI", etc., the screen does not scroll and the respective function operates.

After the screen scrolls, the map is fixed and the current vehicle position mark is movable. When you push the "MAP/GUIDE" switch, the current vehicle position mark is fixed at the center of the screen and the map is movable.

INFORMATION

With the destination input by screen scrolling, the nearest road from the point you touch is set as a destination. At this time, if there is longer than 5 km (3 miles) up to the nearest road, the route up to the destination may not be set.

Orientation of Map



Touch the symbol directly at the top left of the screen to change the orientation of the map.



North-up symbol

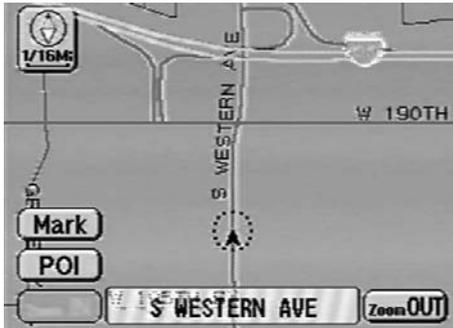
Regardless of the direction of vehicle travel, North is always up.



Heading-up symbol

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

Front Wide Display



You can have a wide view of the part where your vehicle is heading for.



1. Push the "MENU" switch to display the menu screen.
2. Touch "NAVI option".



3. Touch "Display Mode" on the option screen.



4. Touch "ON" at the right of "Advance View".

The set item is highlighted in green.

To display the current vehicle position mark in the center of the screen, turn "Advance View" to "OFF".

5. When you touch "Enter", the route guidance screen returns.

INFORMATION

On this screen, you can also set "Route Trace" and "Trace Display" (See page 70.).

SECTION IV

ADVANCED FUNCTIONS

Description of functions for more effective use

| | |
|------------------------------------|----|
| Marked points | 54 |
| Way points | 59 |
| Avoid points | 62 |
| Current position calibration | 65 |



Marked Points

If you register some points which you like (restaurants, sports facilities, etc.) you can display the map quickly from the marked point to input a destination.

(a) Registering marked points

Display the registration screen in accordance with the following steps.



1. Push the "MENU" switch to display the menu screen and touch "NAVI option".



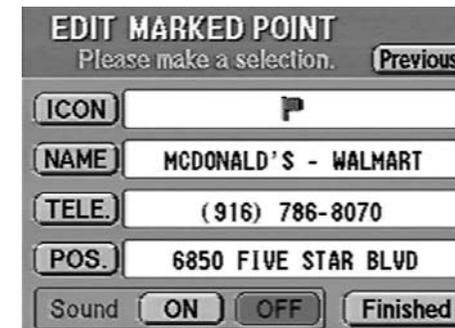
2. Touch "Marked Points".



3. Touch "Register Marked Points".



A screen similar to that for destination input appears. Display the map on which you want to set the marked point in the same way as in the destination input. See page 26.



When you finish registration of the marked point, the above screen appears.

4. Touch "Finished".

To change a symbol in "ICON", name in "NAME", etc., see "(b) Editing marked points."

Some information may not be shown depending on the location which is registered as a marked point.

When you set "Sound" to "ON", the buzzer sounds as your vehicle approaches the marked point.

Marked Points

INFORMATION

Up to 100 points can be registered.

(b) Editing marked points

You can register an icon, name or telephone number.

Display the screen below following steps similar to those for registration of the marked points.



Touch "Edit Marked Points".



The screen lists the marked points in the order of registration date.

Touch of the desired marked point to display the next screen.

Map: If you touch this switch, the map screen appears. You can confirm the position on this screen. You can move the map only with a "one-touch" scroll. (For "one-touch" scroll, see page 51.)

Sort by Mark: To search for the marked point to be edited according to the type of symbol, touch this switch.

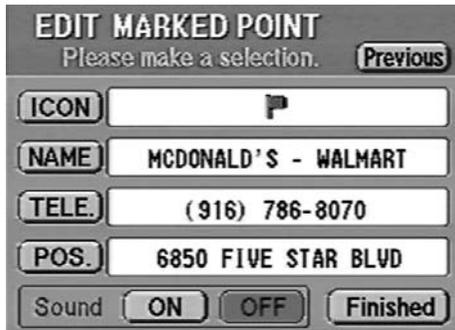


Touch of the desired marked point to display the next screen.

Map: If you touch this switch, the map screen appears. You can confirm the position on this screen. You can move the map only with a "one-touch" scroll. (For "one-touch" scroll, see page 51.)

Sort by Date: The previous screen returns and displays a list of marked points according to the registered date.

Marked Points



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

- Editing an "ICON"



Touch your desired symbol.

When you touch the desired symbol or "Previous", the previous screen returns.

- Editing a "NAME"



Touch alphabet keys directly to input a name.

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

If you touch a wrong letter, delete it using "←".

After you finish your entry, touch "Enter" at the bottom of the screen.

The previous screen will return.

- Editing a "TELE."

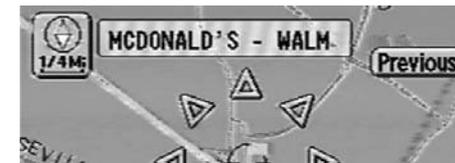


Touch numeral keys directly.

After you finish your entry, touch "Enter" at the bottom of the screen.

The previous screen will return.

- Editing a "POS."



Touch an arrow facing your desired point and scroll the screen.

Touch "Enter" when the cursor ↻ moves to your desired point.

The previous screen will return.

Marked Points

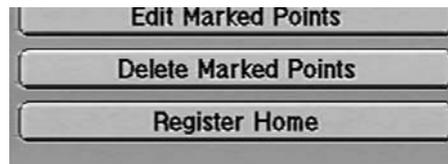
- Finishing editing



After you finish any editing, touch "Finished".

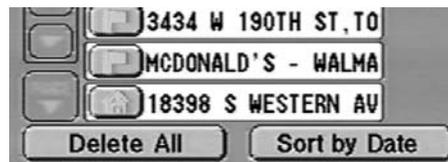
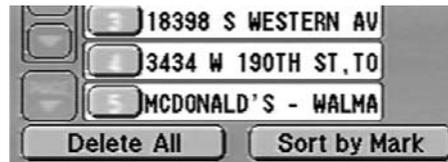
(c) Deleting marked points

Display the screen below following steps similar to those for the registration of the marked points.



► *Marked points screen*

1. Touch "Delete Marked Points".



► *Delete marked points screen*

2. To delete only specified marked points, use "Sort by Mark" or "Sort by Date" to display the screen so that you can easily find the marked points. Touch of the marked point to be deleted. If you want to delete all of the marked points, touch "Delete ALL".



Either of the above messages appears depending on the type of deletion. If you want to delete, touch "YES". If you cancel the deletion, touch "NO".

Marked Points

(d) One-touch registration

You can register the position where the current vehicle position mark is placed on the current position screen.

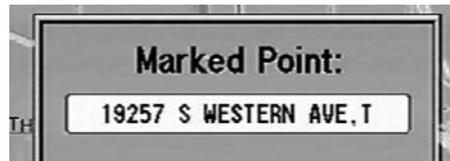


Touch "Mark".



The registered point is shown by ■ on the map.

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



After the registration is made, the above screen appears for a few seconds, and then the map screen returns.

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

If you want to register a new point, touch "YES" and delete several old points. See "(c) Deleting marked points" for deletion.

If you do not want to delete the points already registered, touch "NO".

Way Points



1. To set a way point during route guidance, touch "Cancel" at the top right of the screen to display the following screen.



2. Touch "Set Way Point".
You can set up to 5 way points.

INFORMATION

If some way points are already registered on the route, "Add Way Point" instead of "Set Way Point" is displayed.

If adding a way point, see "(b) Adding a way point".

(a) Setting a way point



3. Display the map where you want to set a way point in the same way as you input the destination.

If you touch "Map", the map screen appears. Move the cursor  at your desired position and touch "Enter".

For the steps how to display the map, see page 26.

The set way point is indicated by .

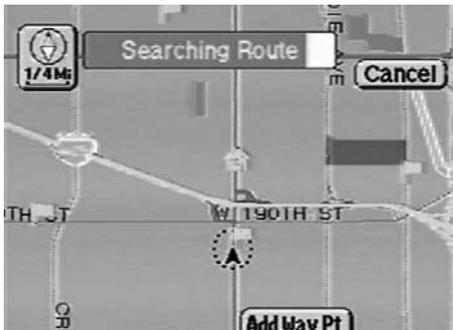
The screen changes and displays the menu to determine the route searching condition. (See page 39.)

The system starts searching for a route and the following screen appears.

INFORMATION

If the input set way point is inappropriate, a message appears. According to the instruction on the screen, reset the set way point.

Way Points

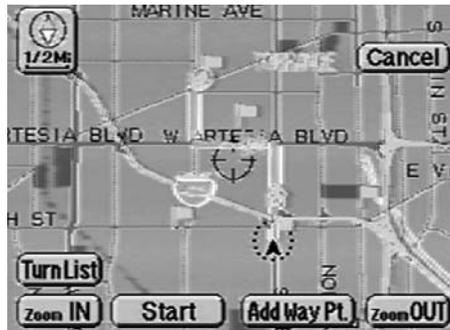


The "Searching Route" displayed at the top of the screen changes color progressively from the left.

To set another way point, touch "Add Way Pt.". For the succeeding steps, see "(b) Adding a way point".

When the search is completed, route guidance starts.

If the route preview mode is set to "ON" (see page 69.), the following screen appears.

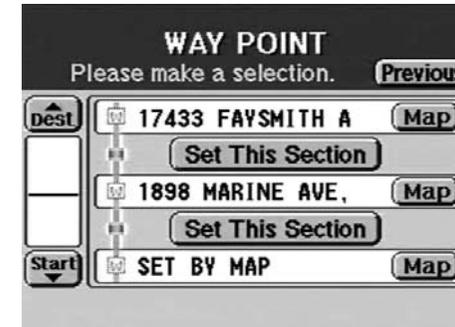


Touching "Add Way Pt." on this screen also can add a way point. For the succeeding steps, see "(b) Adding a way point".

Touch "Start" to start route guidance.

Even if you do not touch "Start", when your vehicle moves for 15 seconds, the route guidance screen appears automatically.

(b) Adding a way point



1. Select the section in which you want to add a way point and touch "Set This Section".

If several way points are already registered, touch  or  to display the section in which you want to add and touch "Set This Section".

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

Way Points



2. Add a way point in the same way as you input the destination.
3. After adding a way point, the system starts searching for a route and route guidance starts.

(c) Deleting a way point

Display the "CANCEL GUIDANCE" screen with the same steps on page 59, touch "Delete Way Point".



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

The system searches for a route and route guidance screen returns.

Avoid Point/Area

The points which you want to avoid due to traffic jams and construction work, etc. can be registered as avoid points.

INFORMATION

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

(a) Registering avoid point/area

1. Push the "MENU" switch.



2. Touch "NAVI option".



►Option screen

3. Touch "Avoid Point/Area".



4. Touch "Register Avoid Point/Area".



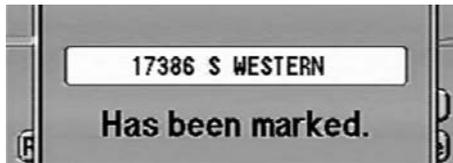
5. Display the map of the area you want to avoid in the same way as you input the destination. (See pages 26 through 38.)



6. Touch an arrow facing your desired point and move the cursor  to the desired position.

When you touch "Enter", the following message appears.

Avoid Point/Area



After a few seconds, the screen at step "4." returns.

7. To change the range to be set as an avoid point, touch "Enlarge" or "Reduce".

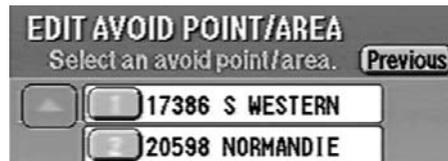
Touch "Enter". The message appears. After a few seconds, the screen at step "4." returns.

(b) Editing avoid points



► Avoid points screen

1. In accordance with the similar steps in "(a) Registering avoid point/area", touch "Edit Avoid Point/Area" on the screen at step "4." on page 62.



2. Find the point you want to edit from the list and touch the number of the item.



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

When editing is completed, touch "Enter".

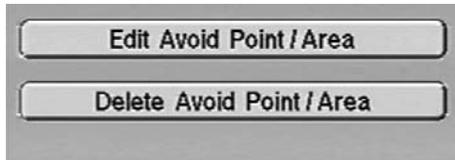
Reset: When you touch "Reset", the size of the area to be avoided is reset.

INFORMATION

If you try to change the map on an inappropriate scale, the message appears. For the enlargement or reduction of the map scale, see page 50.

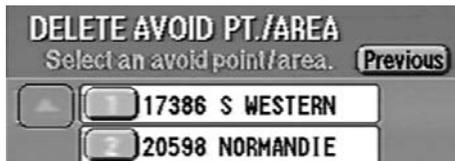
Avoid Point/Area

(c) Deleting avoid point/area



► Avoid Point/Area screen

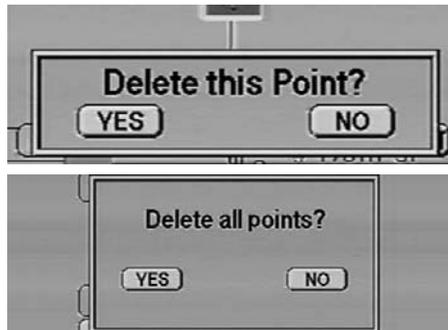
1. In accordance with the similar steps in "(a) Registering avoid point/area", touch "Delete Avoid Point/Area" on the screen at step "4." on page 62.



► Delete Avoid Point/Area screen

2. Select the point you want to delete from the list and touch the number of the item.

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



3. Either of the above messages appears.

To delete the point(s), touch "YES".

If you touch "YES", the data cannot be recovered.

If you want to try again or cancel deletion, touch "NO". The previous screen will return.

Current Position Calibration

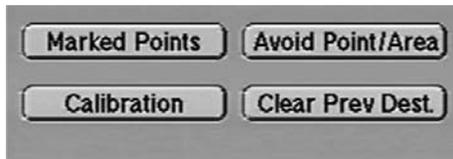
The incorrect current position will be automatically corrected during driving on reception of GPS signals. If your vehicle cannot receive GPS signals, you can correct it manually.

INFORMATION

For the information on incorrect current position, see page iii.



1. Push the "MENU" switch to display the "MENU" screen, and then touch "NAVI option".



► Option screen

2. Touch "Calibration" on the "OPTION" screen.



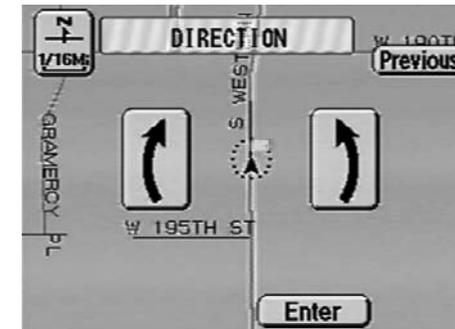
3. Touch "Position" or "Distance".

● Position



1. Touch an arrow facing your desired point and scroll the screen.

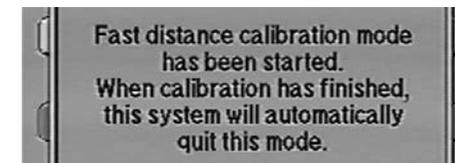
Touch "Enter" when the cursor \odot moves to your desired point. The next screen appears.



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

Touch "Enter" on the screen and the map screen returns.

● Distance



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

IV

SECTION V

MORE ADVANCED FUNCTIONS

Convenient features

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| Automatic rerouting | 68 |
| Route preview | 69 |
| Display of route trace | 70 |
| Time to destination | 71 |
| Cruising range display | 72 |
| Trip information | 72 |



Automatic Rerouting

When your vehicle is off the route during driving, the route to the destination is automatically searched. However if you are driving on a road where the guidance is not available, you cannot use this feature.

According to the following steps, turn "Automatic Reroute" mode to "ON".

1. Push the "MENU" switch.



2. Touch "NAVI option".



3. Touch "Guidance Mode".



4. Touch "ON" at the right of "Automatic Reroute".

The set item is highlighted in green.

5. Touch "Enter".

INFORMATION

- *If your vehicle is largely off the route, the system searches for a new route up to the destination. The route returning to the previous route is not searched.*
- *On this screen, you can also set "Route Preview" (see page 69) or "Time to Destination" (see page 71).*

Route Preview



The entire route from the starting point to the destination can be displayed after the destination is set and the route is searched.

Take the following steps.

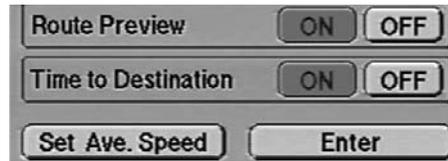
1. Push the "MENU" switch.



2. Touch "NAVI option".



3. Touch "Guidance Mode".



► *Guidance mode screen*

4. Touch "ON" at the right of "Route Preview" on the "GUIDANCE MODE" screen.

The set item is highlighted in green.

5. Touch "Enter".

INFORMATION

On this screen, you can also set "Automatic Reroute" (see page 68) or "Time to Destination" (see page 71).



Display of Route Trace



You can display the route trace when you want to see which route you actually took. This function is helpful when you are returning along a complicated route.

The points your vehicle actually passed are indicated by blue dots ● on the map.

1. Push the "MENU" switch.



2. Touch "NAVI option".



3. Touch "Display Mode".



► *Display mode screen*

4. Touch "ON" at the right of "Route Trace".

From the point where you set "Route Trace" at "ON", the route is memorized up to about 50 km (about 30 miles).

INFORMATION

On this screen, you can also set "Advance View" (see page 52).

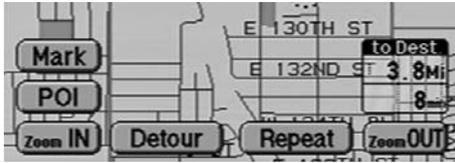
5. When you want to display blue dots ● on the memorized route, touch "ON" at the right of "Trace Display".

6. To turn off the blue dots ● on the route, touch "OFF" of the "Trace Display".

When you touch "OFF" at the right of "Route Trace", the memory will be deleted. If you cancel the deletion, touch "NO" on the message screen for confirmation.

Time to Destination

The time required to reach the destination can be displayed on the route guidance screen.



Follow the steps below.

1. Push the "MENU" switch.



2. Touch "NAVI option".

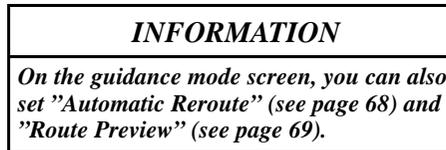


3. Touch "Guidance Mode".



► *Guidance mode screen*

4. Touch "Set Ave. Speed" on the "GUIDANCE MODE" screen.



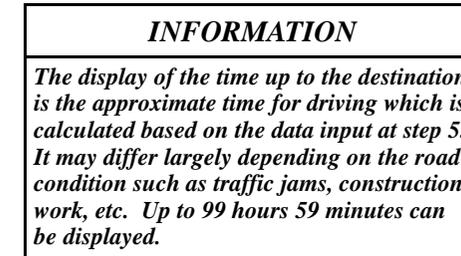
5. Touch ▲ or ▼ to set the average vehicle speeds for driving on a freeway, main street and residential area.

If you touch "Reset", the default speed is set at each item.

6. After you finish setting, touch "Enter".

7. The guidance mode screen returns. Touch "ON" for "Time to Destination" and then "Enter".

The set item is highlighted in green.



Cruising Range Display

This function tells you how far you can drive with the remaining fuel.

Push the "MENU" switch.



Available cruising range appears at the top right of the screen.

Even though the display indicates sufficient miles to run, if the fuel level on the fuel gauge approaches "E" or the low fuel level warning light comes on, fill the fuel tank as soon as possible. "LOW FUEL" appears on the screen.

INFORMATION

- *In the beginning of driving on a new vehicle, the correct cruising range may not be shown.*
- *Because the cruising range displayed is calculated based on the past fuel expenses, it may vary according to the way of driving and road condition.*

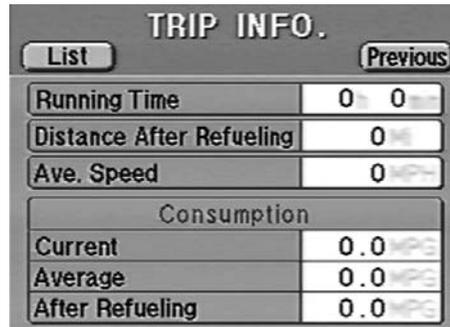
Trip Information

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

1. Push the "MENU" switch.



2. Touch "Trip Info".



The screen displays trip information on the same 6 items as shown in the multi information display of the instrument cluster.

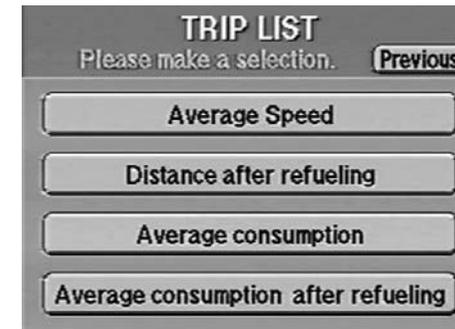
To reset the value:

GS300: Touch "Reset" at the right of each item.

LS400: Display the desired item in the multi information display and touch the "Reset" switch on the instrument cluster. (For details, see "Section 1-3" on the separate Owner's Manual.)

After resetting, the measurement starts again from the reset point.

When you touch "List" on the screen, the screen changes and displays the menu.



Touch your desired item.

Trip Information

| No. | Reset Time | Speed |
|-----|------------|-------|
| | | |
| | | |
| | | |
| | | |
| | | |

Up to 10 records indicating the date of reset, refueled date and measurement value are listed. To display the data from the 6th one, touch "PAGE 2".

If the 11th measurement is started, the oldest record is deleted.



SECTION VI

OTHER FUNCTIONS

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| Clock adjustment | 76 |
| Screen adjustment | 77 |

Clock Adjustment (LS400 only)

The clock in this system can be corrected using signals from the GPS. Daylight Saving Time setting or your desired time setting is available.

1. Push the "MENU" switch.



2. Touch "Adjust Clock".



Auto Adjust: When you touch this switch, the time is set to the GPS clock, and this switch is highlighted in green.

Daylight Saving Time: Daylight saving time can be set or canceled.

While daylight saving time is set, this switch is highlighted in green.

- ▲ You can adjust the clock with the switches on the left.
- ▼

Time Zone: You can select the time zone. Touching this switch changes to the next screen.



Touch of your desired area. The time zone for its area is set and the previous screen returns.

Screen Adjustment

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

(a) Adjustment of brightness and contrast

1. Push the "MENU" switch



► *MENU screen*

2. Touch "Brightness" on the screen. The following adjustment screen appears on the lower part of the map screen.



Brightness: Adjusts the brightness of the screen.

Contrast: Adjusts the contrast of the screen.

Touch "+" or "-" for adjustment.

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

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

INFORMATION

The adjustment screen display goes off in the following cases:

- When you do not touch any switch on the screen for 6 seconds after the change to the screen adjustment screen.
- When 3 seconds have passed after screen adjustment.

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



► *Day mode (with the headlight switch off)*



► *Night mode (with the headlight switch on)*

Screen Adjustment

To display the screen in the day mode even at night, touch "Day mode" on the adjustment screen for brightness and contrast control. (In the opposite case, touch "Night mode".)

However, if the instrument panel light control switch is turned fully to the right, mode switching cannot be done. It remains in the day mode. In this case, "Day mode" or "Night mode" is not shown on the screen.

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

(b) Turning off the screen display

Touch "Screen Off" on the "MENU" screen.



► *GS300 only*

GS300: Temperature indication for the outside temperature remains on when the outside temperature is set "ON".

When you push any switch such as "DESTINATION" or "MAP/GUIDE", etc., the selected screen appears.

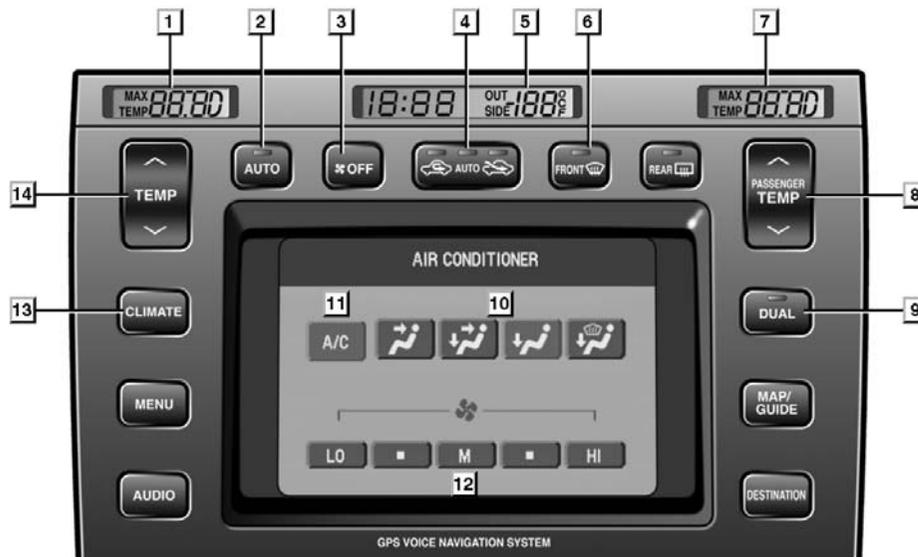
SECTION VII

AIR CONDITIONING

Automatic air conditioning controls 80

Automatic Air Conditioning Controls

Type A



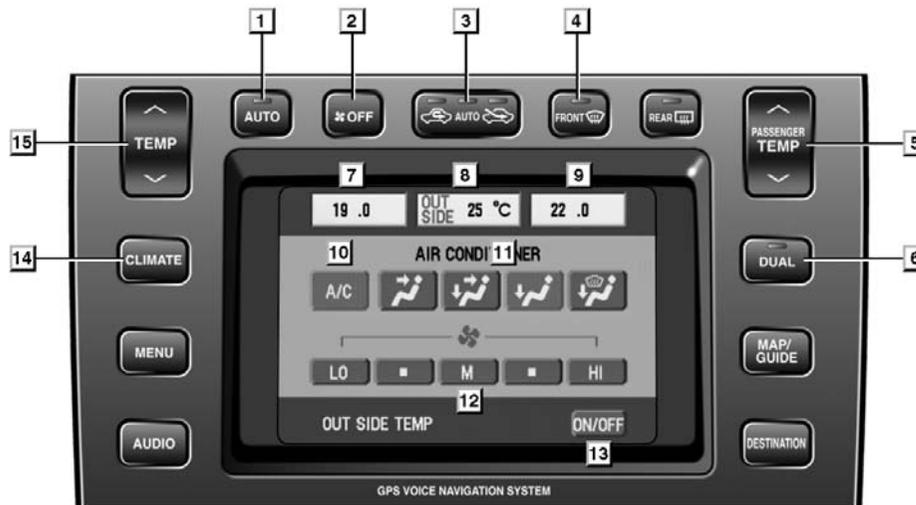
EMV7001U

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| 12 | <i>Fan speed control switch</i> | 85 |
| 13 | <i>Air conditioning operation screen display button</i> | 83 |
| 14 | <i>Driver side temperature control button</i> | 83 |

Automatic Air Conditioning Controls

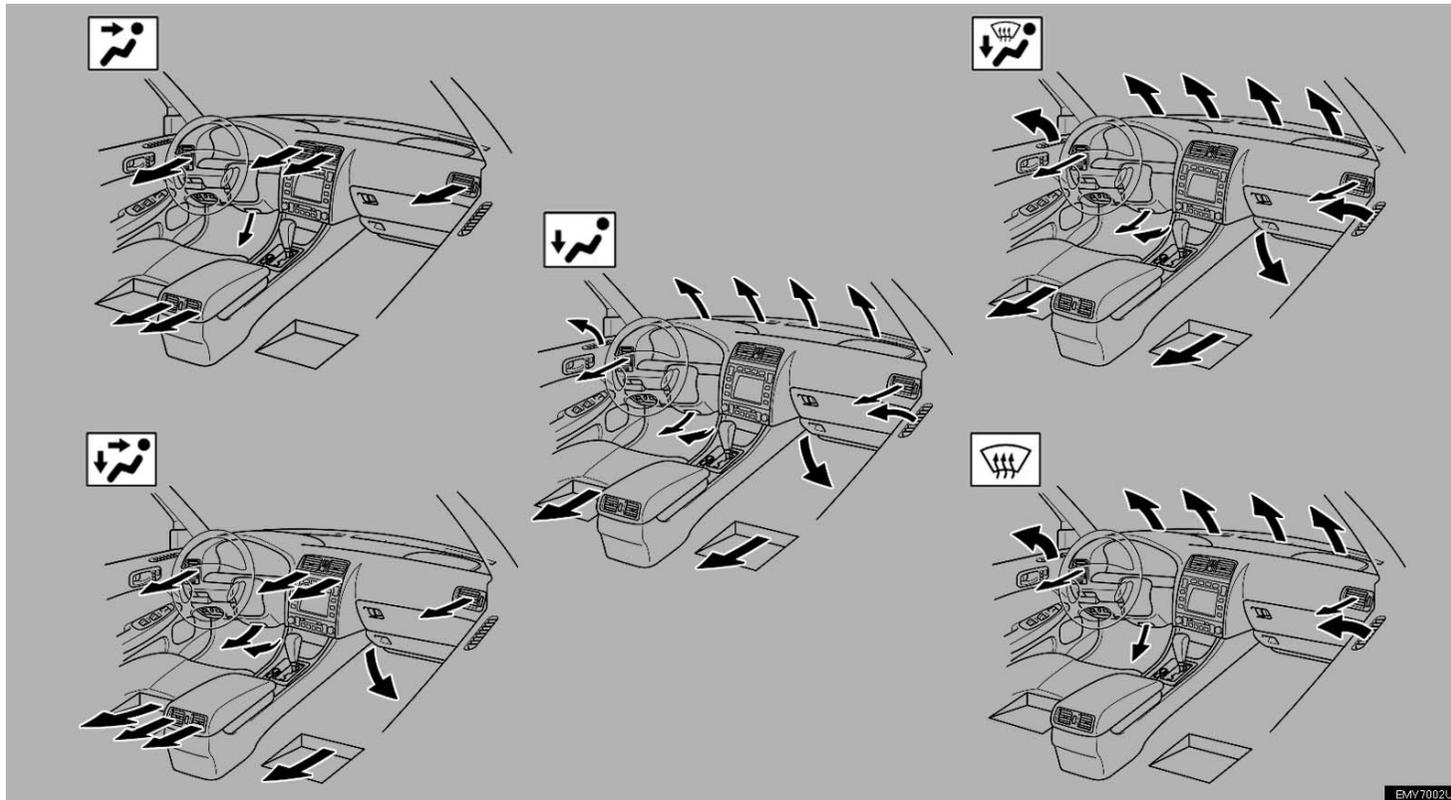
Type B



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Automatic Air Conditioning Controls



► Air flow selection

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.

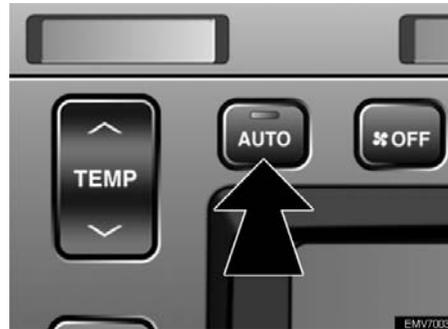
CLIMATE: Push this button to display switches for automatic air conditioning controls.

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 each indicator.

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

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



2. Use the "TEMP" or "PASSENGER TEMP" button to set the desired temperature.

The "TEMP" or "PASSENGER TEMP" button is used to set the desired temperature. The temperature will be controlled on the driver and passenger sides simultaneously or individually.

"TEMP" button – Changes the temperature on the driver and passenger sides simultaneously or the driver side only.

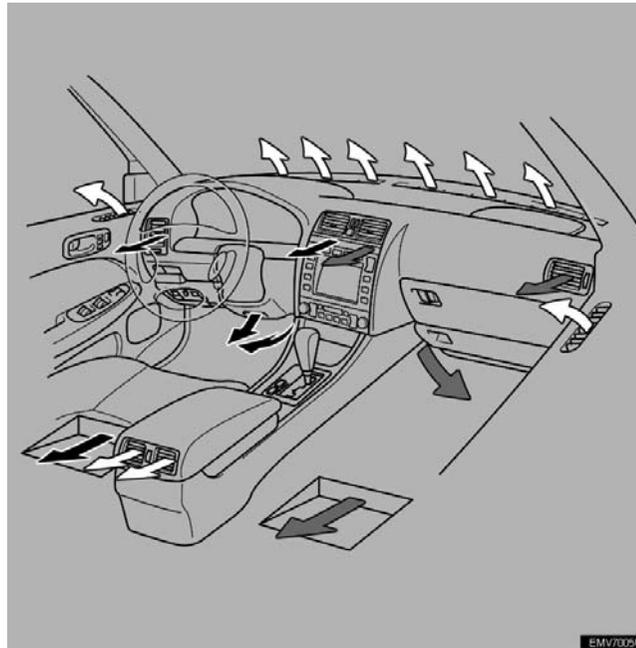
"PASSENGER TEMP" button – Changes the temperature on the passenger side only.

"DUAL" button – Changes the mode of the

temperature setting.

The indicator on the "DUAL" button has two modes:

- **With the indicator on** – For individual temperature setting
- **With the indicator off** – For simultaneous temperature setting



- ➡ Driver side setting
- ➡ Passenger side setting
- ⇨ Mixed setting

Automatic Air Conditioning Controls

SETTING OPERATION – manual control

If manual air flow selection is desired –



The outlets from which air is delivered can be selected manually by touching the switch. 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.

The selected mode is highlighted in green.

If quick heating or cooling is desired –



Type A: Push the "TEMP" or "PASSENGER TEMP" button on either side and hold it until "MAX. HOT" or "MAX. COLD" appears on the display.

Type B: Push the "TEMP" or "PASSENGER TEMP" button on either side and hold it until the maximum figure or minimum figure appears.

If manual fan speed control is desired –



► 1 *Fan speed at low* 2 *Fan speed at high*

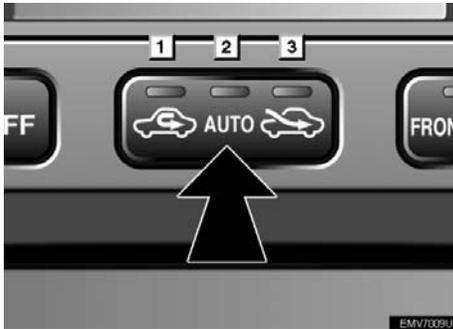
The fan speed can be set to your desired speed by touching the appropriate air flow control switch. The higher the fan speed is, the more air is delivered. Pushing the "OFF" button turns off the fan.

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

The selected mode is highlighted in green.

Automatic Air Conditioning Controls

If manual switching of air intake is desired –



Each time you push the air intake control button, the mode changes in order from the RECIRCULATED AIR mode to AUTOMATIC mode to OUTSIDE AIR mode, then back to the RECIRCULATED AIR mode. Each indicator light shows which mode is now selected.

- 1 RECIRCULATED AIR mode** – If quick circulation of cooled air is desired, select this mode.

- 2 AUTOMATIC mode** – When driving where the outside air is dirty (i.e., when the vehicle running in front of your vehicle accelerates rapidly), the system changes automatically from the OUTSIDE AIR mode to the RECIRCULATED AIR mode.

- 3 OUTSIDE AIR mode** – The system will take fresh outside air into the vehicle.

For normal use, it is best to keep the air intake control button set to OUTSIDE AIR mode. If recirculated air is used during heating, the windows will fog up more easily.

To change the sensitivity of the sensor switching between the RECIRCULATED and OUTSIDE AIR in the AUTOMATIC mode, push the air intake control button for a few seconds. The display changes as illustrated below.



Touch the desired switch.

When you push any button except the air intake control button, the above screen disappears.

Automatic Air Conditioning Controls

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

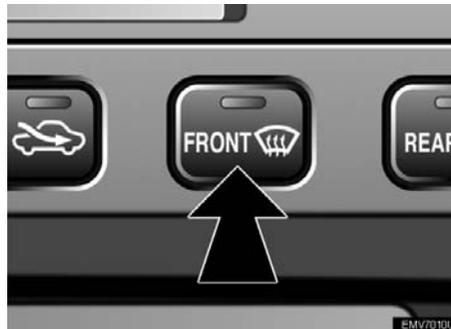
Touch the "A/C" switch to turn the air conditioning on and touch it again to turn the air conditioning off.

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.

(b) Windshield defogging and defrosting



To remove interior fog on the windshield –

Push the "FRONT WINDSHIELD" button.

To remove frost or exterior fog on the windshield –

1. Push the upper side of the temperature control button until "MAX. HOT" or maximum figure appears on the temperature display.
2. Push the "FRONT WINDSHIELD" button.
3. Push the "HF" of the air flow control switch to obtain a maximum air flow.

4. Leave the air conditioning on-off button off.

When the "FRONT WINDSHIELD" button is pushed while operating in automatic mode, the air conditioning is set to operate and the OUTSIDE AIR mode is set.

If you push the "FRONT WINDSHIELD" button once again while in the FRONT WINDSHIELD mode, the mode then returns to the last mode used.

CAUTION

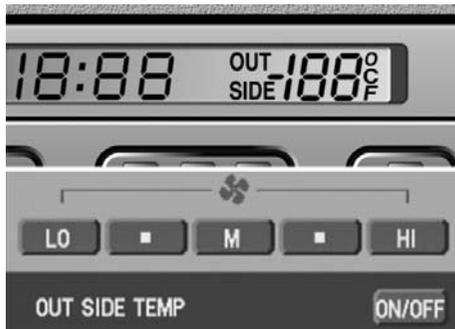
Do not use the "FRONT WINDSHIELD" button during cooled air operation in extremely humid weather. The difference between the temperature of the outside air and that of the windshield could cause the outer surface of the windshield to fog up blocking your vision.

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.

Automatic Air Conditioning Controls

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.

(c) Outside temperature display



Type A: This display shows the outside temperature when the ignition switch is on.

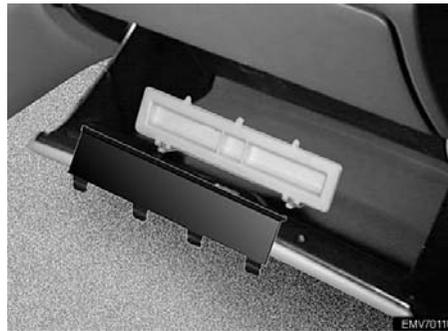
Type B: Outside temperature is displayed on the screen when you touch the "ON/OFF" switch.

The displayed temperature ranges from -30°C (-22°F) up to 50°C (122°F). If the temperature does not appear on the display or it shows "-- --", take your vehicle to your Lexus dealer.

(d) 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 glovebox and remove the two covers.



2. Take out the air filter.

For LS400 only: Inspect the lower surface of the filter. If it is just moderately dusty, it may be cleaned by blowing compressed air from the lower surface. Do not wash or oil the filter.

For all models: 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 separate "Owner's Manual Supplement/Maintenance Schedule".)

Automatic Air Conditioning Controls

NOTICE

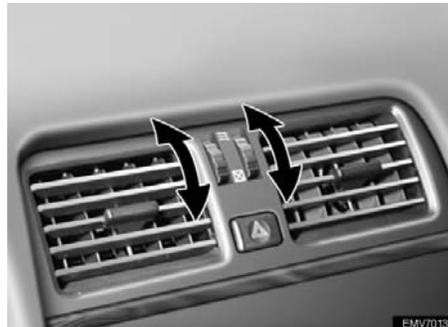
Do not drive with the air filter removed, or the efficiency of air conditioning may be lost.

(e) Operating tips

- 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 vents. (See "Center vents", "Side vents", "Lower vent" and "Rear vents".)
- 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.
- 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 and the air flow control switch be selected to anywhere except the "OFF" button.

- 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.

Center vents



The center vents may be opened or closed as shown.

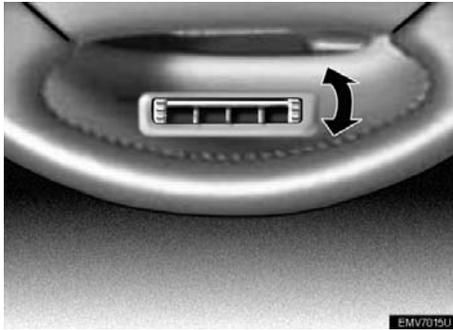
Side vents



The side vents may be opened or closed as shown.

Automatic Air Conditioning Controls

Lower vent



The lower vent may be opened or closed as shown.

Rear vents



The rear vents may be opened or closed as shown.

SECTION VIII

AUDIO SYSTEM

Audio system 92

Audio System

Quick reference for your audio system



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► 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.



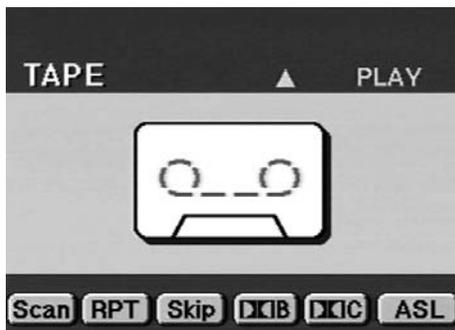
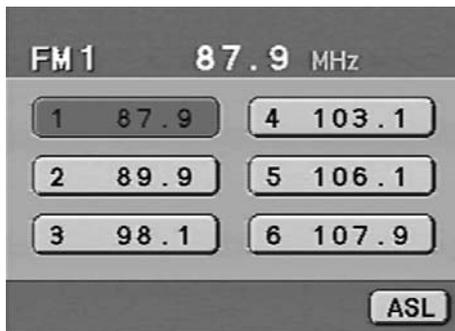
Push "AM", "FM1/2", "TAPE" or "CD" to turn on that mode. The selected mode turns on directly.

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.

Audio System



The switches for radio, cassette tape and compact disc player operation are displayed on the liquid crystal display. Touch them lightly and directly on the screen.

The selected switch is highlighted in green.

(b) Automatic sound levelizer

When the audio sound becomes difficult to be heard due to road noise, wind noise, etc. during driving, touch the "ASL" switch. The system adjusts to the optimum volume and tone quality according to the noise level.

(c) 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.

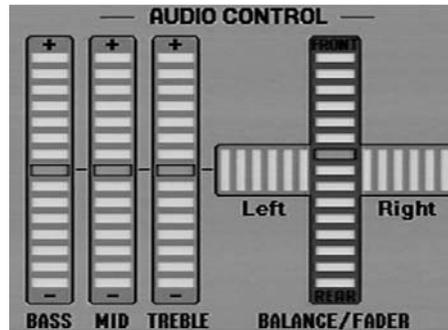
A good balance of the left and right stereo channels and of the front and rear sound levels is also important.

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



Pushing the "AUDIO CONTROL" button displays the sound adjustment screen.



Each time you push the "AUDIO CONTROL" knob, the mode changes. The available adjustment mode is highlighted in green. To adjust the tone and balance, turn the knob.

BASS: Adjusts low-pitched tones.

MID: Adjusts mid-pitched tones.

TREBLE: Adjusts high-pitched tones.

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

FADER: Adjusts the sound balance between the front and rear speakers.

BALANCE: Adjusts the sound balance between the right and left speakers.

(d) Your radio antenna

The wire antenna is mounted inside the rear window.

NOTICE

- When cleaning the inside of the rear window, be careful not to scratch or damage the wire antenna.
- Putting a window tint (especially, conductive or metallic type) on the rear window may affect the reception of radio. For the installation of the window tint, consult with your Lexus dealer.

Audio System

(e) 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.

(f) 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 display.

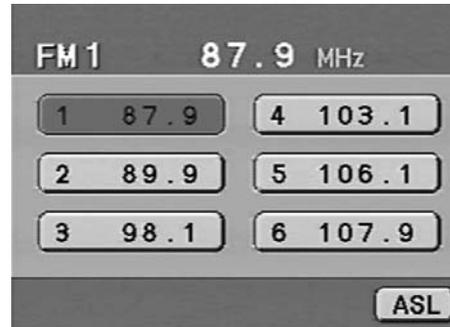
Audio System



Push this button on the upper side to step up the station band or on the lower side to step down.

Your radio automatically changes to stereo reception when a stereo broadcast is received. "ST" appears on the display. 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 display.

(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 switch can store one AM station and two FM 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 station frequency appears on the display.

Manual tuning: Push the "TUNE SEEK" button briefly. Each time you push the button, the radio will step up or down to another frequency.

Seek tuning: Push the "TUNE SEEK" button and hold it until you hear a beep. 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: Push the "SCAN" button on the upper side for longer than 2 seconds. "SCAN" appears on the display. The radio will find the next station up the band, stay there for a few seconds, and then scan again. To select a station, push the "SCAN" button a second time.

To scan the preset stations: Push the "SCAN" button on the upper side briefly. "P. SCAN" appears on the display. The radio will tune in the next preset station up the band, stay there for a few seconds, and then move to the next preset station. To select a station, push the "SCAN" button a second time.

Cassette tape player operation

(a) Playing a cassette tape

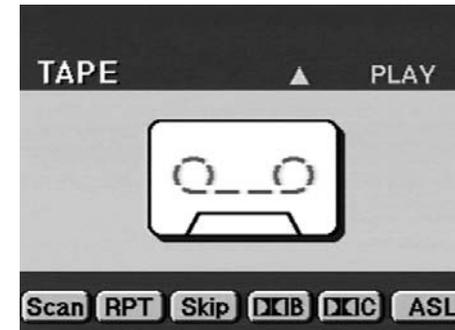


When you insert a cassette tape, the exposed tape should be to the right.

The player will automatically start when you insert a cassette tape. At this time, "TAPE" appears on the display.

If a metal or chrome equivalent cassette tape is put in the cassette player, the player will automatically adapt to it and "METAL" appears on the display.

To stop or eject the cassette tape, push the "EJECT" button.



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* B or C Noise Reduction, push the Dolby* B or C switch.

The Dolby B NR mode reduces tape noise by about 10 dB. The Dolby C NR mode reduces tape noise by another 10 dB or about 20 dB total. For best sound reproduction, select the same NR mode that was used to record the tape.

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

Audio System

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

(b) Manual program selection



"Program" button: Push the "◀▶" button 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" button: Push the "FF/REW" button on the upper side to fast forward a cassette tape. "FF" appears on the display.

To stop fast forwarding, push the same button or "TAPE" button.

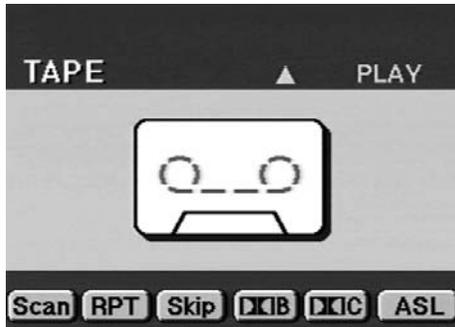
"Rewind" button: Push the "FF/REW" button on the lower side to rewind a tape. "REW" appears on the display.

To stop rewinding, push the same button or "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.

Audio System

(c) Automatic program selection



"Scan" switch: Touch the "Scan" switch. The player will fast forward to the next program, play it for 12 seconds, and then scan again. To select a program, touch the "Scan" switch a second time.

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

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

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

"Skip" switch: The skip feature allows you to

fast forward past long stretches of blank tape. This is especially useful at the end of cassettes.

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



"Automatic program selection" button: The automatic program selection feature allows you to program your cassette player to skip forward or backward to locate the song you want to hear. You can skip up to 9 programs at a time.

Push this button on the upper side to skip forward. "FF" and the number will appear on the display. Push the button until the number you want to skip appears on the display. 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.

Audio System

Push this button on the lower side to skip backward. Push the button until "REW" and the number you want to skip appear on the display.

- 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 song that is two before the song you are listening to, push this button until "REW 3" appears on the display.

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

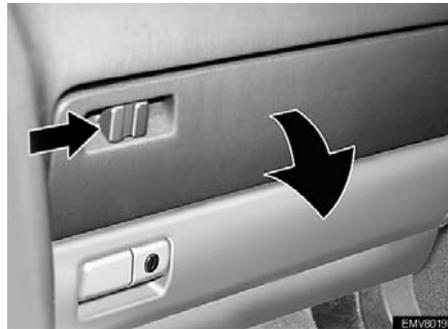
There must be at least 5 seconds of blank space between programs for this feature to work correctly.

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

Compact disc player operation

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.

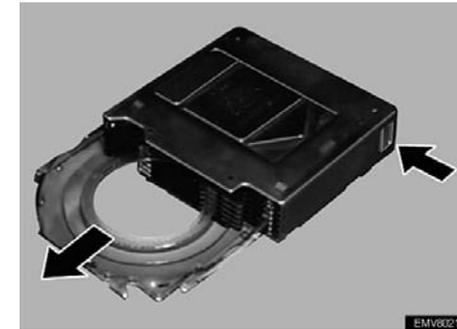
(a) Inserting compact discs



1. Push the lock release button and open the cover.

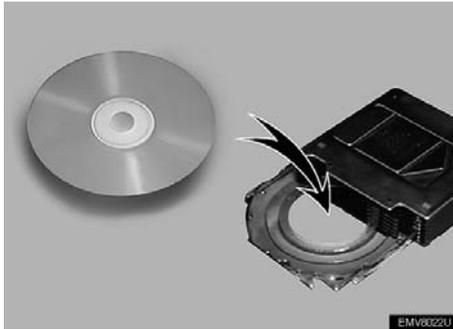


2. Push this button to eject the magazine.



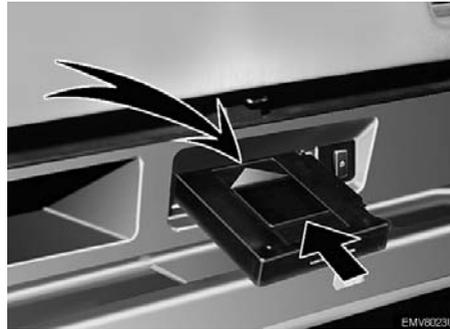
3. Pull out the tray while pushing the lock release button.

Audio System



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 display.



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, "LOAD" appears on the display until the system has completed the load cycle, after which 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.

Audio System

(b) Playing a compact disc



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

"CD" appears on the display.

The discs set in the magazine are played continuously, starting with disc number 1. The disc number of the disc currently being played, the track number and the time from the beginning of the program are shown on the display.

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.

(c) Selecting a desired disc



On the screen: Touch the desired disc number.

The selected disc number is highlighted in green.

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

On the audio panel: Push the "DISC" button on the upper or lower side until the desired disc number appears.

When you release the button, the player will start playing the selected disc from the first track.

(d) Searching for a desired disc



Touch the "D-Scan" switch.

With "D-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 "D-Scan" switch a second time.

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

Audio System

(e) Selecting a desired track



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

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

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

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

(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.

”D-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.

Audio System

”D–Random” 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.

”Random” 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.

(h) If the player malfunctions

If ”WAIT” appears on the display, 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.*

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.

Audio System

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

FM

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

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

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

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

AM

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

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

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

Caring for your cassette player and tapes

For high performance from 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 cassette is thin and could get stuck or tangled in the cassette player.

Audio System

Caring for your compact disc player and discs



- Use only compact discs labeled as shown. The 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.

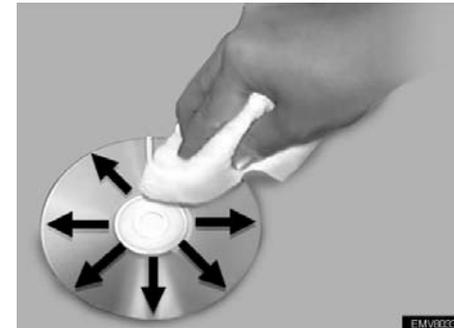
- If moisture gets into your compact disc player, you may not hear any sound even though your compact disc player appears to be working. Remove the magazine from the player and wait until it dries.



► **Correct**

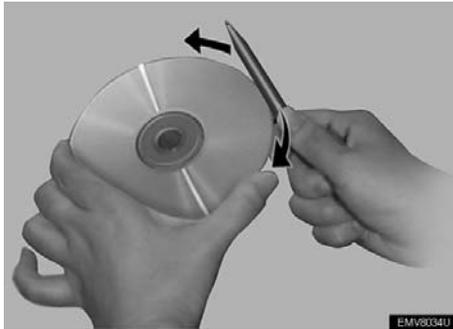
► **Wrong**

- 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.)



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.

Audio System



A new disc may have rough edges on its inner and outer perimeter. Remove the rough edges by pressing the side of a ball-point pen or pencil against the inner and outer edges of the disc as shown.

If you continue to play a disc with rough edges, flakes will fall on to the signal side of the disc and cause sound skipping or other problems.



CAUTION

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

表 U-2

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