


# SECTION III

## ADVANCED FUNCTIONS

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## ADVANCED FUNCTIONS

### Suspending and resuming guidance

- To suspend guidance

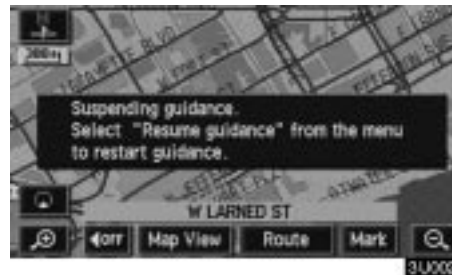
You can suspend route guidance.



Push the “MENU” button to display the “Menu” screen and touch the “Suspend Guidance” switch.

#### INFORMATION

*When you do not have route guidance, the “Suspend Guidance” switch cannot be used.*



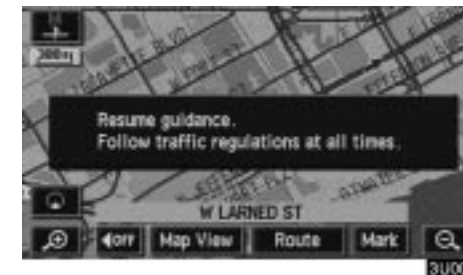
The screen will return to the current position map without route guidance.

- To resume guidance

You can resume the suspended route guidance.



Push the “MENU” button to display the “Menu” screen and touch the “Resume Guidance” switch.



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

## Volume

You can use voice guidance when approaching a destination.

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



Push the “MENU” button to display the “Menu” screen, and touch the “Volume” switch.



To adjust the volume, select the desired level by touching the appropriate number.

If you do not need voice guidance, touch the “Off” switch.

The selected item is highlighted in green.

### INFORMATION

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

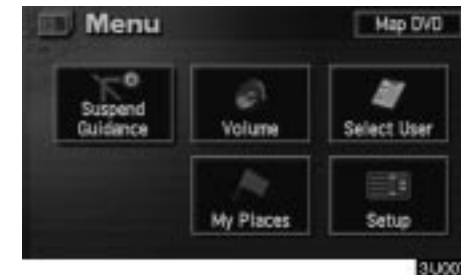
**“Adaptive Volume Control”:** If you turn the “Adaptive Volume Control” on, the volume is turned up automatically when the vehicle speed exceeds 50 mph (80 km/h).

To turn the “Adaptive Volume Control” system on, touch the switch. The indicator will be highlighted.

## User selection

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

- Map direction
- Map scale
- Guidance mode
- Setup
- Volume
- Language



Push the “MENU” button to display the “Menu” screen. Then touch the “Select User” switch.

## ADVANCED FUNCTIONS

- To register



Touch the “**Memorize**” switch of your desired “User number”.

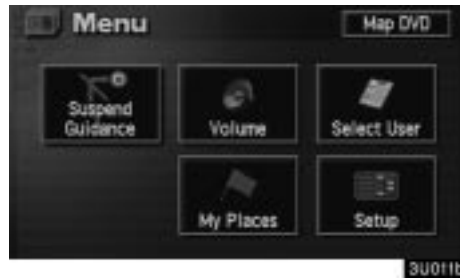


The confirmation screen will appear. To register, touch the “**Yes**” switch. To return to the previous screen, touch the “**No**” or “**Back**” switch.



When you touch the switch already registered, this screen appears. To replace, touch the “**Yes**” switch. To cancel the replacement, touch the “**No**” or “**Back**” switch.

- To change user



Push the “MENU” button to display the “Menu” screen. Then touch the “Select User” switch.



Touch the “User number” switch you wish to change.



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

- To delete user



Touch the “Delete” switch of “User number” you wish to delete.

## ADVANCED FUNCTIONS

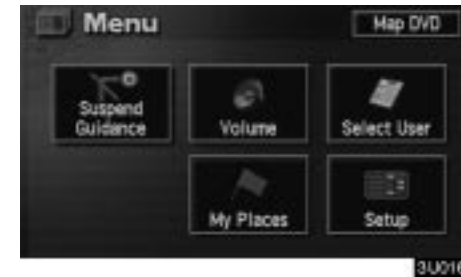


The confirmation screen appears. To delete, touch the “**Yes**” switch. To return to the previous screen, touch the “**No**” or “**Back**” switch.

### My places

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

#### (a) Registering memory points



1. Push the “**MENU**” button to display the “Menu” screen and touch the “**My Places**” switch.



2. Touch the “Register” switch of the “Memory Points”.



A screen similar to the destination input screen appears. Input the desired point in the same way as inputting a destination. (See page 20.)

When you finish memory point registration, the memory point data screen will appear.



You can set the icon, attribute, name, location and phone number.

Touch your desired switch you want to set. (For details, see “(b) Editing memory points”.)

### III

#### INFORMATION

*Up to 106 memory points can be registered.*

## ADVANCED FUNCTIONS

### (b) Editing memory points

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

1. Push the “MENU” button to display the “Menu” screen and touch the “My Places” switch.



2. Touch the “Edit” switch of the “Memory Points”.



The screen lists the memory points.

“Date”: Touch this switch to list the memory points in order of the registered date.

“Icon”: Touch this switch to list the memory points in order of the icon type.

“Name”: Touch this switch to list the memory points in alphabetical order.

“Attribute”: Touch this switch to list the memory points in order of the home and quick access number.

Touch the desired memory point switch to display the memory point data screen.



3. Touch the switch which you wish to edit.



- To change “Icon”



**Touch the desired icon.**

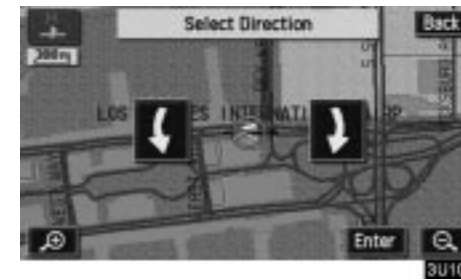
You can turn the page by touching “**Page 1**”, “**Page 2**” or “**With Sound**” switch.

“**With Sound**”: To display sound icons. When your vehicle approaches the memory point, the sound which you chose will sound.



**Touch the desired sound icon.**

The next screen appears when you touch the “**Bell (with direction)**” switch.

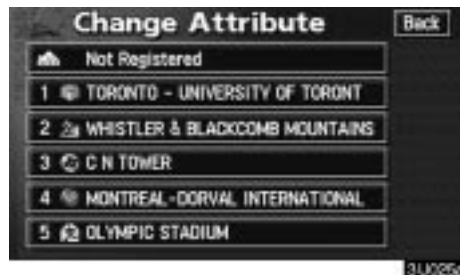


Touch the direction switches and adjust the direction. Touch the “**Enter**” switch. The bell sounds only when your vehicle approaches this point in the direction that you set.

## ADVANCED FUNCTIONS

- To change “Attribute”

For easy destination input, set the attribute of the memory points as Home or Quick access 1 to 5.



Touch the desired attribute. It is possible to replace a registered attribute.



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



To delete the attribute, touch the “Del.” switch.



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

- To change “Name”



Touch the alphabet and/or numeral keys. When the entry has been completed, touch the “OK” switch on the screen.

The previous screen will be displayed.


- “Show Name”

You can set the name of a memory point to be displayed or not on the map.

To show the name, touch the “On” switch. Not to show it, touch the “Off” switch.

- To change “Location”



Touch the eight direction switch to move the cursor  to the desired point on the map.

Touch the “Enter” switch and the previous screen will be displayed.

## ADVANCED FUNCTIONS

- To change “Phone #” (telephone number)



Touch numeral keys.

When the entry has been completed, touch the “OK” switch on the screen.

The previous screen will be displayed.

### (c) Deleting memory points

1. Push the “MENU” button to display the “Menu” screen and touch the “My Places” switch.



2. Touch the “Delete” switch of the “Memory Points”.



3. Touch the corresponding switch. To delete all memory points, touch the “Delete All” switch.

For efficient memory point search, memory points can be sorted by the “Date”, “Icon”, “Name” or “Attribute” switch.

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

## Area to Avoid

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

Push the “MENU” button to display the “Menu” screen and then touch the “My Places” switch to display the following screen.



### INFORMATION

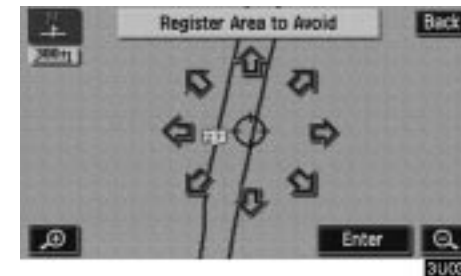
*If a destination is inputted in the area to avoid or the route calculation cannot be made without running through the area to avoid, a route passing through the area to avoid may be shown.*

## (a) Registering area to avoid

1. Touch the “Register” switch of the “Areas to avoid”.



2. Enter the location in the same way as inputting a destination, or display the map of the area you wish to avoid. (See page 20.)



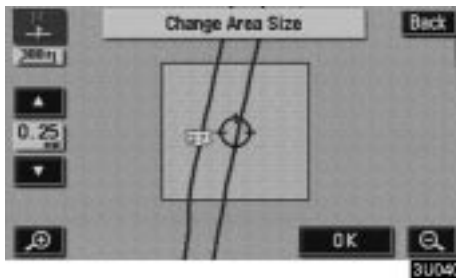
3. Set the cursor in the center of the area to avoid, and touch the “Enter” switch.

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### INFORMATION

*Up to 10 locations can be registered as point/area to avoid. If there are 10 locations already registered, the message “Unable to register additional points. Perform operation again after deleting unnecessary points.” appears on the screen.*

## ADVANCED FUNCTIONS



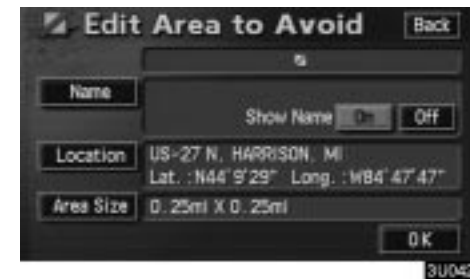
4. Touch either  or  switch to change the size of the area to avoid.

### (b) Editing area to avoid

1. Touch the “Edit” switch of the “Areas to Avoid” to display the “Edit Area to Avoid” screen.



2. To edit an area to avoid, touch the corresponding switch.



3. Touch the “Name”, “Location” or “Area Size” switch on this screen.

- To change “Name”



**Touch alphabet or numeral keys.**

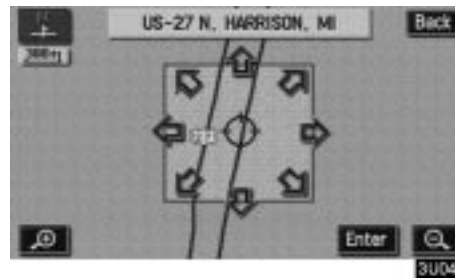
When the entry has been completed, touch the “OK” switch on the screen.


The previous screen will be displayed.

- “Show Name”

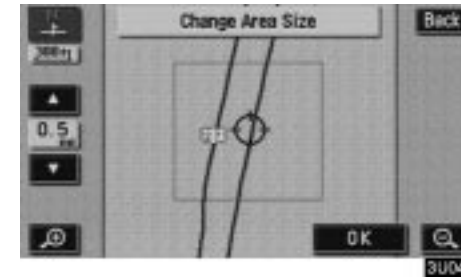
The avoid area name can be set to be displayed or not on the map. To show the name, touch the “On” switch. Not to show it, touch the “Off” switch.



- To change “Location”



Set the cursor  to the desired location, then touch the “Enter” switch. The previous screen will be displayed.

- To change “Area size”



Touch either  or  switch to change the size of area you want to avoid, and touch the “OK” switch. The previous screen will be displayed.

## ADVANCED FUNCTIONS

### (c) Deleting area to avoid

1. Touch the “Delete” switch of the “Areas to Avoid” to display the “Delete Area to Avoid” screen.



2. Touch the area you wish to delete from the list.

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

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

### Setup

You can set the items shown on the “Set-up” screen.

1. Push the “MENU” button.



2. To display the “Set up” menu screen, touch the “Setup” switch. Touch the items you wish to set.



3. Touch the “OK” switch on the screen and then the previous screen will be displayed.

“Default”: This switch initializes all of the settings.

“Calibration”: You can adjust the current vehicle position mark manually.

“Distance”: You can select “km” or “miles” as the distance unit.

“Estimated Travel Time”: You can set the system to display the travel time to the destination on the route guidance screen.

“Auto Reroute”: You can set the system to automatically search for a new route to the destination.

“Adjust Time Zone”: You can select your desired time zone.

“Auto Voice Guidance”: You can set the automatic voice guidance.



**“Voice Guidance in All Modes”**: You can set the voice guidance in all modes.


**“Notify Traffic Restriction”**: You can select notification of seasonal restrictions.

**“Intersection Guidance”**: You can select ON or OFF to display of intersection guidance.

**“Guidance Screen on Freeway”**: You can select ON or OFF to display the guidance screen on the freeway.

**“Street Name on Scroll Map”**: You can select ON or OFF to display the street name on the scroll map.

**“Display Building Shape”**: You can select ON or OFF to display the building shape on the map screen.

**“ Function”**: You can set to display or not to display each switches and current street name on the map screen.

**“Show POI Icons”**: You can choose 6 icons displayed on “Show POI Icons” top screen.

**“Previous Point”**: You can delete the previous destination.

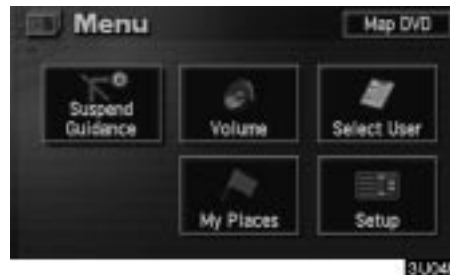
**“Map Color (Day)”**: You can select the desired map color.

**“Map Color (Night)”**: You can select the desired map color.

**“Screen Animation”**: You can set some screen displays to be animated.

## Current position calibration

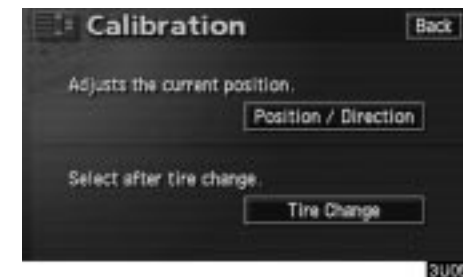
When driving, the current vehicle position mark will be automatically corrected by GPS signals. If GPS reception is poor due to location, you can manually adjust the current vehicle position mark.



1. Push the **“MENU”** button to display the **“Menu”** screen, and then touch the **“Setup”** switch.



2. Touch the **“Adjust”** switch of **“Calibration”**.



3. Touch the **“Position/Direction”** switch.


### INFORMATION

*For additional information on the accuracy of a current vehicle position, see “Limitations of the navigation system” on page 9.*

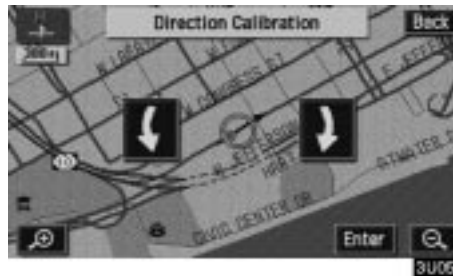
## ADVANCED FUNCTIONS



- Position/direction calibration



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

Touch the “Enter” switch.



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

Touch the “Enter” switch and the map screen will be displayed.

- Tire change calibration

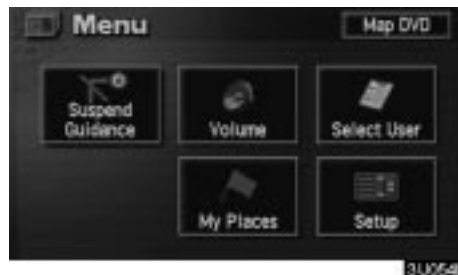
The tire change calibration function will be used when replacing the tires. This function will adjust the mis-calculation caused by the circumference difference between the old tires and new ones. If this procedure is not performed when tires are replaced, the current vehicle position mark may be incorrectly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

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

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

## Distance unit

1. Push the “MENU” button.



2. Touch the “Setup” switch.



3. Touch the “km” or “miles” switch of “Distance” to choose the distance unit. The selected switch is highlighted in green.
4. Touch the “OK” switch.

## Estimated travel time

You can set the speed that is used for the calculation of the estimated travel time.



1. Push the “MENU” button.

## ADVANCED FUNCTIONS



2. Touch the “Setup” switch.



3. Touch the “Set Speed” switch of the “Estimated Travel Time”.



4. Touch ◀ or ▶ to set the average vehicle speeds for driving on a Freeway, Main street, and Residential.

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

5. When you finish setting the desired speeds, touch the “OK” switch.

### INFORMATION

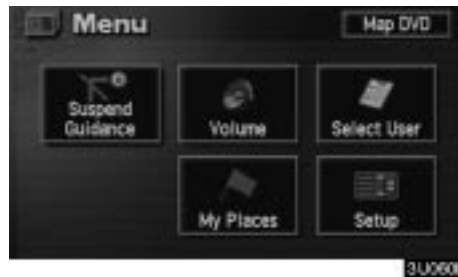
- The displayed time to the destination is the approximate driving time that is calculated based on the speeds you selected and your actual position along the guidance route.
- The time shown on the screen may vary greatly depending on your progress along the route, which may be affected by road conditions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

## Auto reroute

When the “Auto Reroute” feature is turned on, the system will automatically search for a new route to the destination if you strays from the guidance route. This feature does not operate while you are driving on roads where guidance is not available.

To turn the “Auto Reroute” mode on:

1. Push the “MENU” button.



2. Touch the “Setup” switch.



3. Touch the “On” switch of “Auto Reroute”.

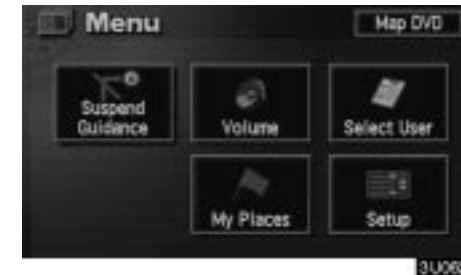
The selected switch is highlighted in green.

### INFORMATION

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

## Adjusting time zone

1. Push the “MENU” button.



2. Touch the “Setup” switch.

## ADVANCED FUNCTIONS



3. Touch the “Change” switch. The “Adjust Time Zone” screen appears on the display.



4. Touch the desired time zone.

The selected switch is highlighted in green.

5. Touch the “OK” switch on the screen and the “Setup” screen will be displayed.

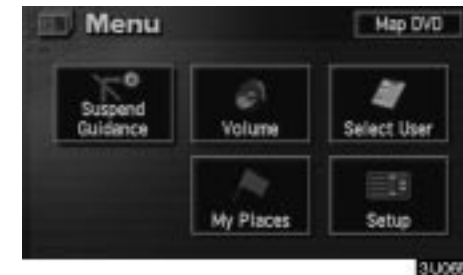
## Auto voice guidance


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

When the “Auto Voice Guidance” feature is turned off, the voice guidance can be heard only if you push the “MAP” button.

To turn the “Auto Voice Guidance” mode on:

1. Push the “MENU” button.



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



3. Touch the “On” switch of “Auto Voice Guidance”. The selected switch is highlighted in green.

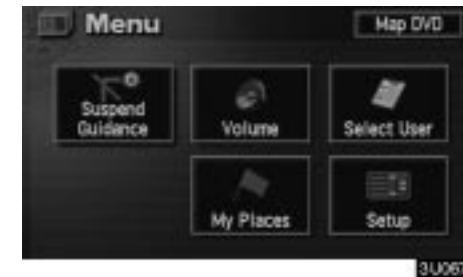
### Voice guidance in all modes


When the “Voice Guidance in All Modes” feature is turned on, you can hear the voice guidance in all modes.

When the “Voice Guidance in All Modes” feature is turned off, voice guidance cannot be heard when you using the audio system.

To turn the “Voice Guidance in All Modes” on:

1. Push the “MENU” button.



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

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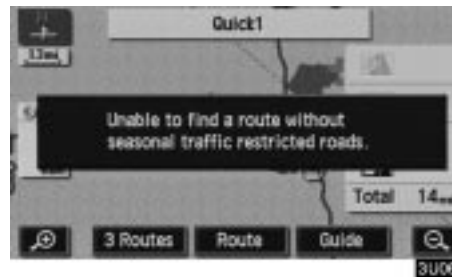
## ADVANCED FUNCTIONS



3. Touch the “On” switch of “Voice Guidance in All Modes” and touch the “OK” switch.

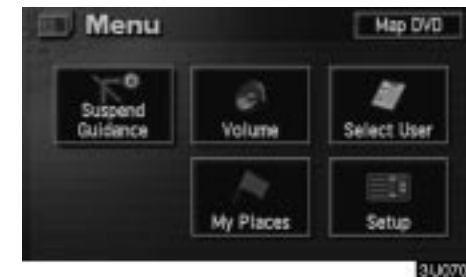
### Notifying traffic restriction


When the “Notify Traffic Restriction” feature is turned on, the system notifies you of traffic or seasonal restriction.



To turn the “Notify Traffic Restriction” mode on:

1. Push the “MENU” button.



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

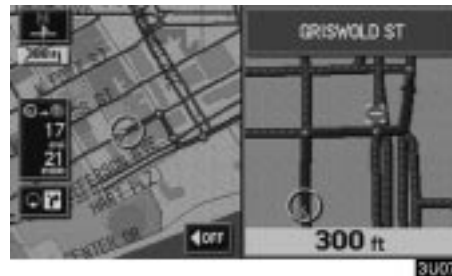




3. Touch the “On” switch of “Notify Traffic Restriction” and touch the “OK” switch.

## Intersection guidance


When the “Intersection Guidance” feature is turned on, the system will display the intersection guidance screen if you drive with route guidance.



To turn the “Intersection Guidance” mode on:

1. Push the “MENU” button.



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

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## ADVANCED FUNCTIONS



3. Touch the “On” switch of “Intersection Guidance” and touch the “OK” switch.

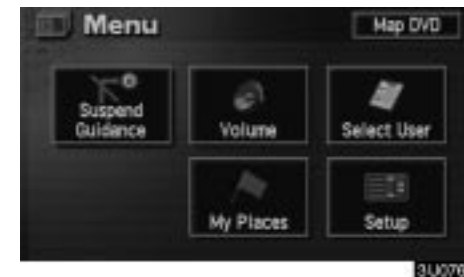
### Guidance screen on freeway


When the “Guidance Screen on Freeway” feature is turned on, the system will display the lane guidance screen if you drive on a freeway with route guidance.



To turn the “Guidance Screen on Freeway” mode on:

1. Push the “MENU” button.




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



3. Touch the “On” switch of “Guidance Screen on Freeway” and touch the “OK” switch.

### Street name on scroll map


When the “Street Name on Scroll Map” feature is turned on, the system will display the name of a street where the cursor  is positioned on the scroll map.



To turn the “Street Name on Scroll Map” mode on:

1. Push the “MENU” button.



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

## ADVANCED FUNCTIONS



3. Touch the “On” switch of “Street Name on Scroll Map” and touch the “OK” switch.

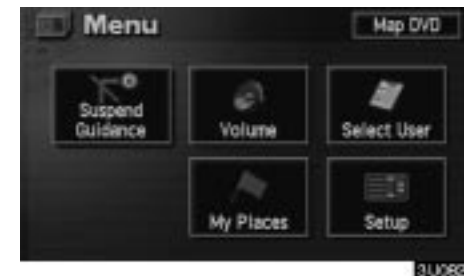
### Display of building shape


When the “Display Building Shape” feature is turned on, the system will display the building shape on the map screen using a scale of 150 feet (50 m) to 300 feet (100 m).



To turn the “Display Building Shape” mode on:

1. Push the “MENU” button.



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



3. Touch the “On” switch of “Display Building Shape” and touch the “OK” switch.

## Screen layout function ( 4OFF Function)

You can set display or hide each switch and current street name on the map screen.

1. Push the “MENU” button.



2. Touch the “Setup” switch. Then touch 4 switch twice to display page 3 of the “Setup” screen.



3. Touch the “Change” switch of the “4OFF Function”.



4. Touch the switch corresponding to the desired setting. Then touch the “OK” switch.

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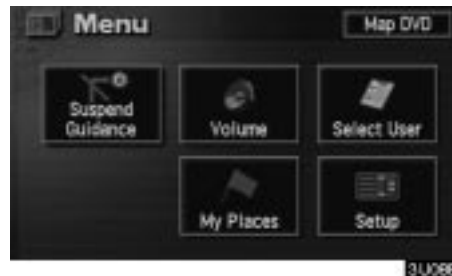
## ADVANCED FUNCTIONS


### POI category change (Show POI Icons)

You can choose 6 icons displayed on the “Show POI Icons” top screen, so that you can easily set which icons to display on the map screen.



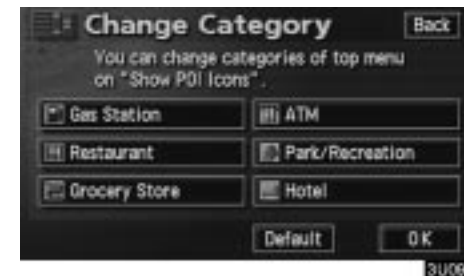
1. Push the “MENU” button.



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



3. Touch the “Change” switch of “Show POI Icons”.



4. Touch the category switch you wish to change.




5. Touch the switch corresponding to the desired category. Then touch the “OK” switch.

## Delete previous point

You can delete your previous destination.

1. Push the “MENU” button.



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



3. Touch the “Delete” switch of “Previous Point”.

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## ADVANCED FUNCTIONS



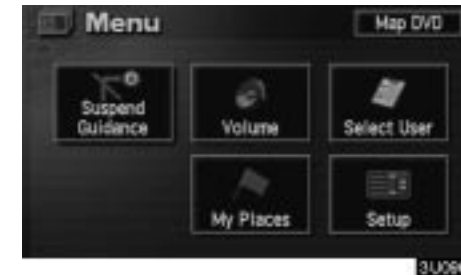
4. Touch the switch you want to delete.  
For efficient previous point search, previous points can be sorted by the “Date” or “Name” switch.




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

## Map color

1. Push the “MENU” button.



2. Touch the “Setup” switch. Then touch  switch three times to display page 4 of the “Setup” screen.





3. Touch the desired color for day and/or night map color and then touch the “OK” switch to return the map screen.

Touch the “**Normal**” switch to return to the default map color.


## Screen animation

When the “Screen Animation” feature is turned on, some switches and screens become animated. (e.g.: change map guidance on the map screen)

To turn the “Screen Animation” mode on:

1. Push the “MENU” button.



2. Touch the “Setup” switch. Then touch  switch three times to display page 4 of the “Setup” screen.



3. Touch the “On” switch of “Screen Animation” and touch the “OK” switch.

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