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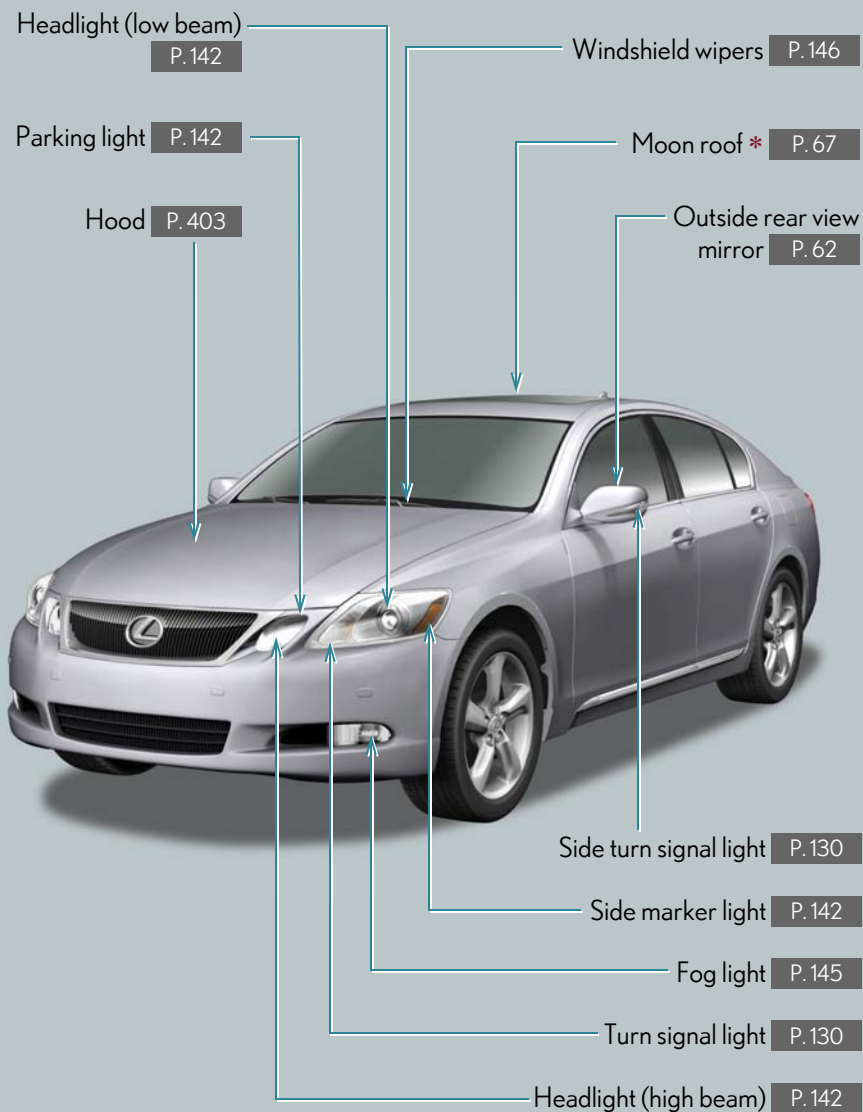
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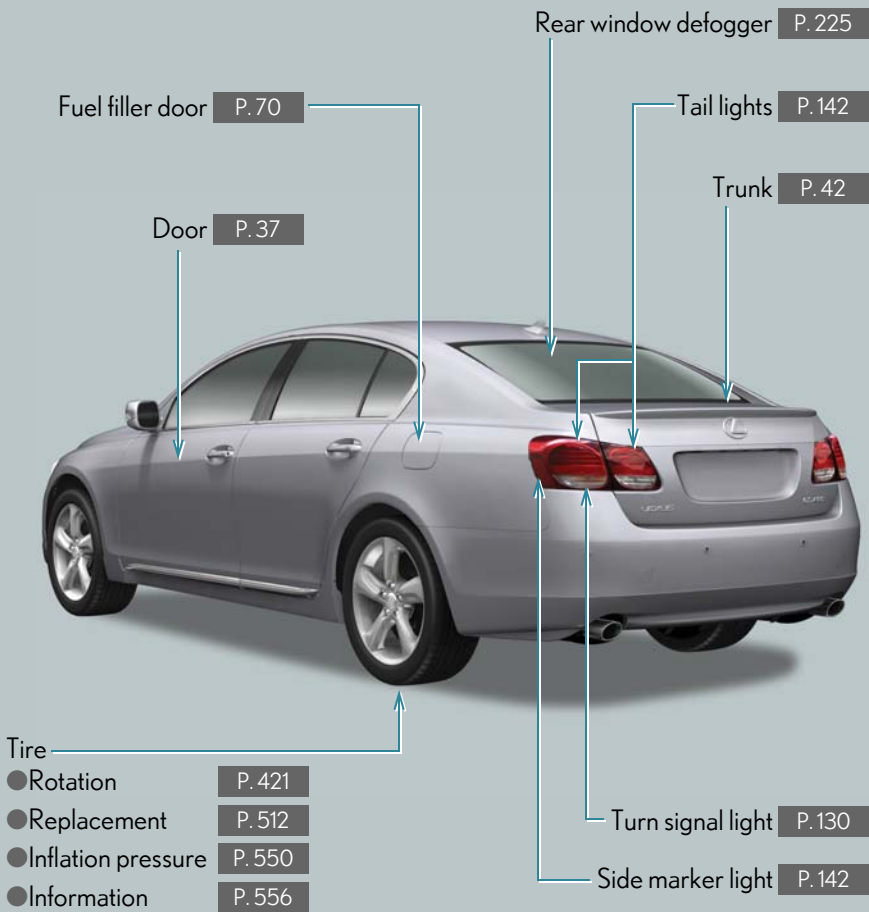
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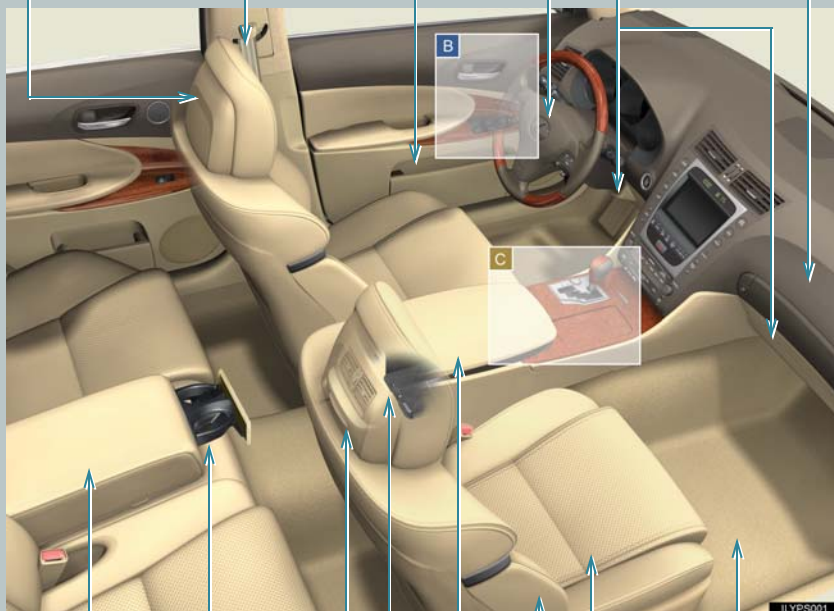
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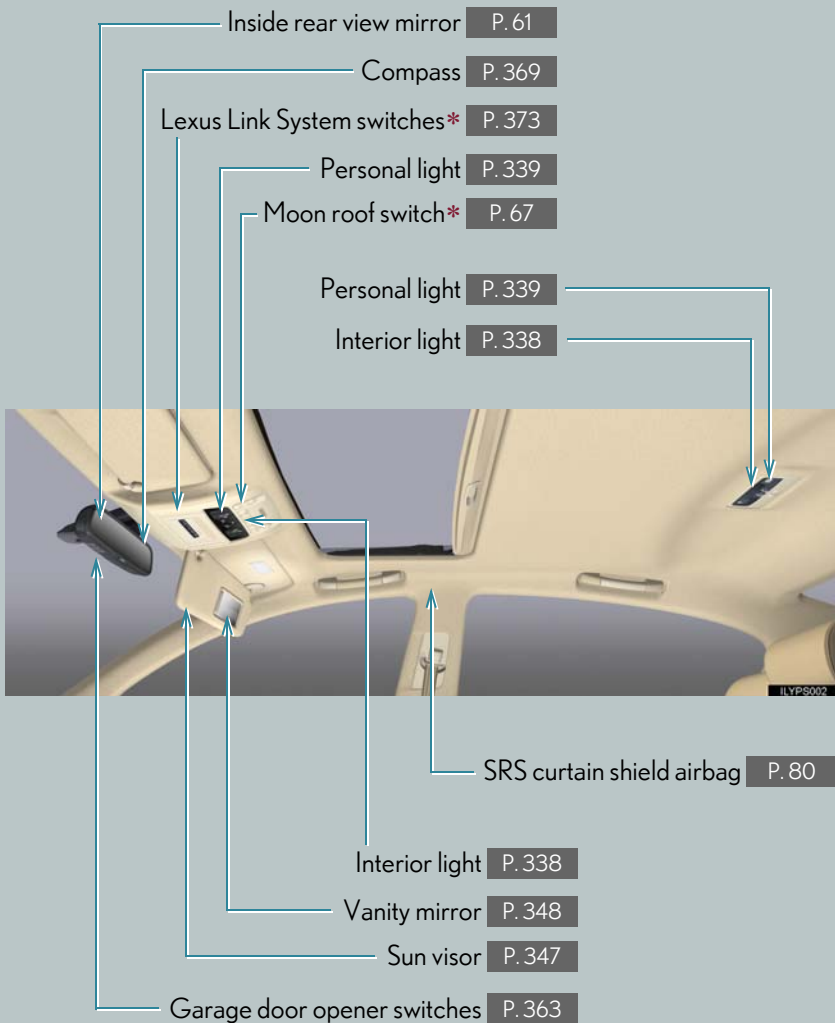
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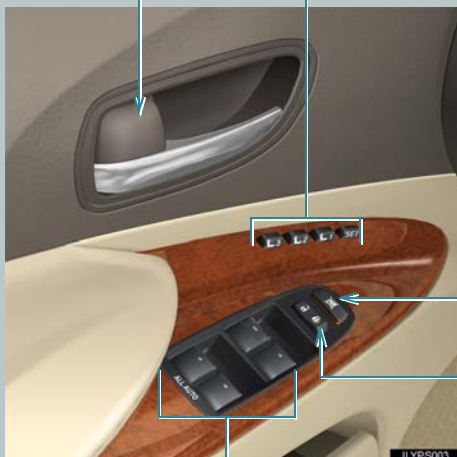


*: If equipped

B

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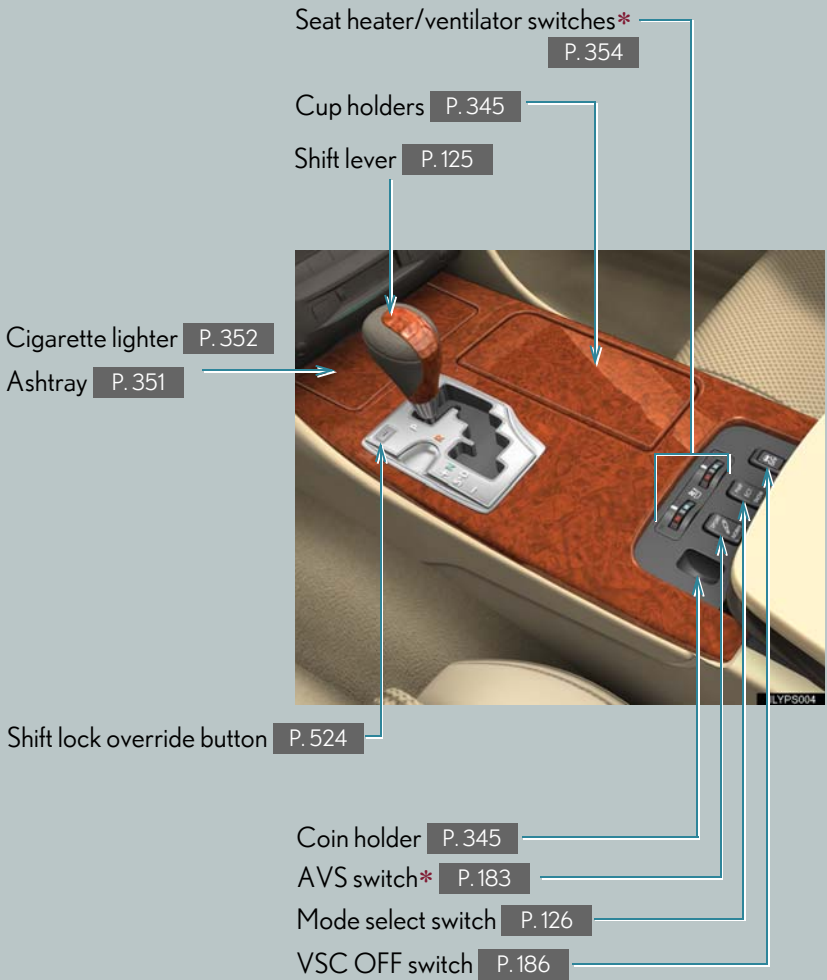


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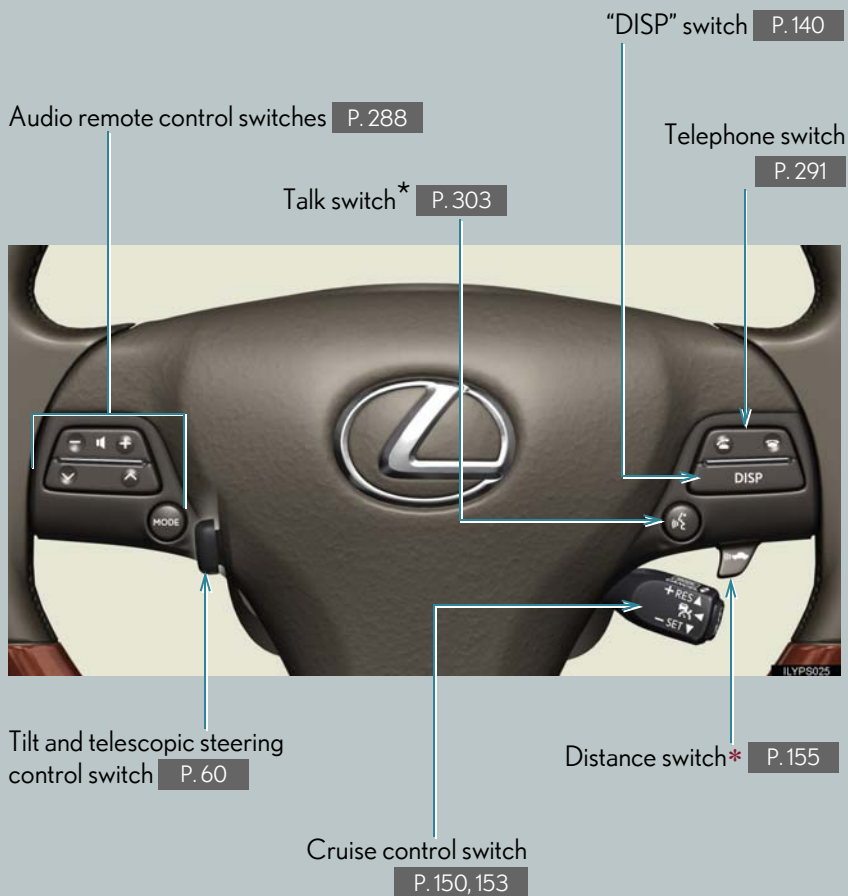
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*: If equipped

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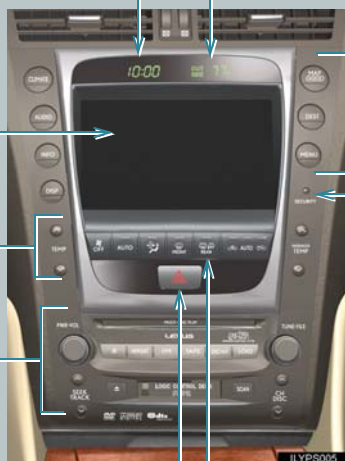
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*: If equipped

*: Refer to “Navigation System Owner’s Manual”.

For your information

Main Owner's Manual

Please note that this manual applies to all models and explains all equipment, including options. Therefore, you may find some explanations for equipment not installed on your vehicle.

All specifications provided in this manual are current at the time of printing. However, because of the Lexus policy of continual product improvement, we reserve the right to make changes at any time without notice.

Depending on specifications, the vehicle shown in the illustration may differ from your vehicle in terms of color and equipment.

Accessories, spare parts and modification of your Lexus

A wide variety of non-genuine spare parts and accessories for Lexus vehicles are currently available in the market. You should know that Toyota does not warrant these products and is not responsible for their performance, repair, or replacement, or for any damage they may cause to, or adverse effect they may have on, your Lexus vehicle.

This vehicle should not be modified with non-genuine Lexus products. Modification with non-genuine Lexus products could affect its performance, safety or durability, and may even violate governmental regulations. In addition, damage or performance problems resulting from the modification may not be covered under warranty.

Installation of a mobile two-way radio system

As the installation of a mobile two-way radio system in your vehicle could affect electronic systems such as the multiport fuel injection system/sequential multiport fuel injection system, cruise control system, vehicle dynamics integrated management, SRS airbag system and seat belt pretensioner system, be sure to check with your Lexus dealer for precautionary measures or special instructions regarding installation.

Scrapping of your Lexus

The SRS airbag and seat belt pretensioner devices in your Lexus contain explosive chemicals. If the vehicle is scrapped with the airbags and seat belt pretensioners left as they are, this may cause an accident such as fire. Be sure to have the systems of the SRS airbag and seat belt pretensioner removed and disposed of by a qualified service shop or by your Lexus dealer before you scrap your vehicle.

Perchlorate Material

Special handling may apply, See www.dtsc.ca.gov/hazardouswaste/perchlorate.

Your vehicle has components that may contain perchlorate. These components may include airbag, seat belt pretensioners, and wireless remote control batteries.

CAUTION

■ General precautions while driving

Driving under the influence: Never drive your vehicle when under the influence of alcohol or drugs that have impaired your ability to operate your vehicle. Alcohol and certain drugs delay reaction time, impair judgment and reduce coordination, which could lead to an accident that will hurt or kill you, your occupants or others.

Defensive driving: Always drive defensively. Anticipate mistakes that other drivers or pedestrians might make and be ready to avoid accidents.

Driver distraction: Always give your full attention to driving. Anything that distracts the driver, such as adjusting controls, talking on a cellular phone or reading can result in a collision with resulting death or serious injury to you, your occupants or others.

■ General precautions regarding children's safety

Never leave children unattended in the vehicle, and never allow children to have or use the key.

Children may be able to start the vehicle or shift the vehicle into neutral. There is also a danger that children may injure themselves by playing with the cigarette lighter, the windows, the moon roof, or other features of the vehicle. In addition, heat build-up or extremely cold temperatures inside the vehicle can be fatal to children.

Symbols used throughout this manual

Cautions & Notices

⚠ CAUTION

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

⚠ NOTICE

This is a warning against anything which may cause damage to the vehicle or its equipment if the warning is ignored. You are informed about what you must or must not do in order to avoid or reduce the risk of damage to your Lexus and its equipment.

Symbols used in illustrations

⊘ Safety symbol

The symbol of a circle with a slash through it means “Do not”, “Do not do this”, or “Do not let this happen”.



Arrows indicating operations

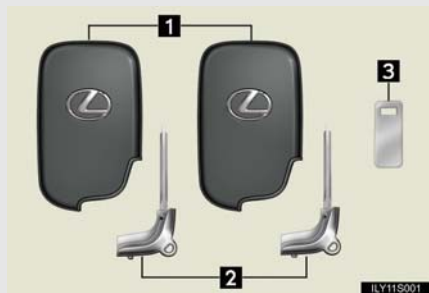
- ➡** Indicates the action (pushing, turning, etc.) used to operate switches and other devices.
- ⇨** Indicates the outcome of an operation (e.g. a lid opens).

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1-1. Key information

Keys

The following keys are provided with the vehicle.



1 Electronic keys

- Operating the smart access system with push-button start (→P. 22)
- Operating the wireless remote control function (→P. 34)

2 Mechanical keys

3 Key number plate

Using the mechanical key



Take out the mechanical key.

After using the mechanical key, store it in the electronic key. Carry the mechanical key together with the electronic key. If the electronic key battery is depleted or the smart access system with push-button start does not operate properly, you will need the mechanical key.

■ When required to leave a key to the vehicle with a parking attendant

Turn the trunk opener main switch OFF and lock the glove box as circumstances demand. (→P. 42, 341)

Remove the mechanical key for your own use and provide the attendant with the electronic key only.

■ Key number plate

Keep the plate in a safe place such as your wallet, not in the vehicle. In the event that a mechanical key is lost, a new key can be made at your Lexus dealer using the key number plate. (→P. 525)



NOTICE

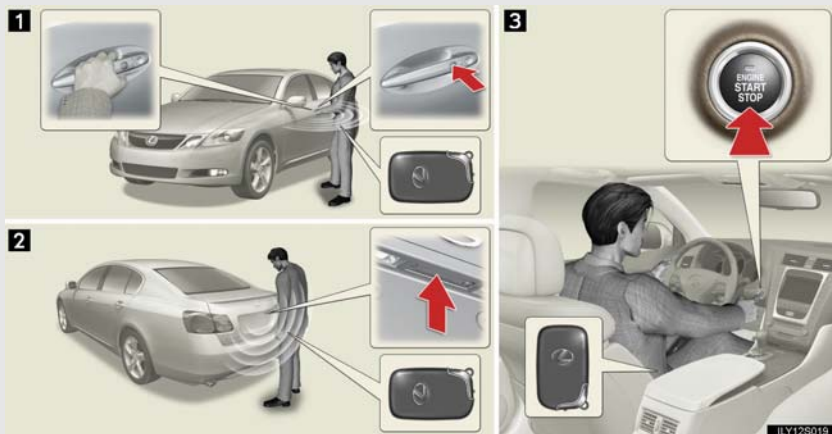
■ To prevent key damage

- Do not disassemble the electronic key.
- Do not subject the keys to strong shocks, expose them to high temperatures by placing them in direct sunlight, or get them wet.
- Do not expose the keys to electromagnetic materials or attach any material that blocks electromagnetic waves to the key surface.

1-2. Opening, closing and locking the doors and trunk Smart access system with push-button start

The following operations can be performed simply by carrying the electronic key on your person, for example in your pocket.

(The driver should always carry the electronic key.)

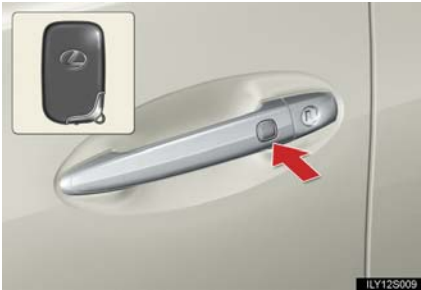


1 Locks and unlocks the doors (→P. 23)

2 Unlocks the trunk (→P. 23)

3 Starts and stops the engine (→P. 121)

Locking and unlocking the doors



Press the lock button to lock the door.

Press the lock button to lock the door.



Grip the handle to unlock the door.

Make sure to touch the sensor on the back of the handle.

The door cannot be unlocked for 3 seconds after the door is locked.

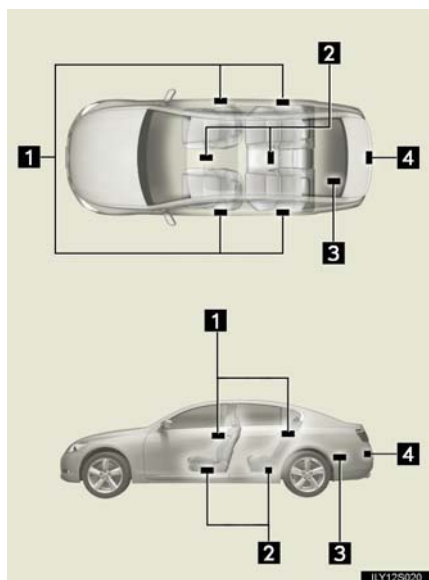
Unlocking the trunk



Press the button to unlock the trunk.

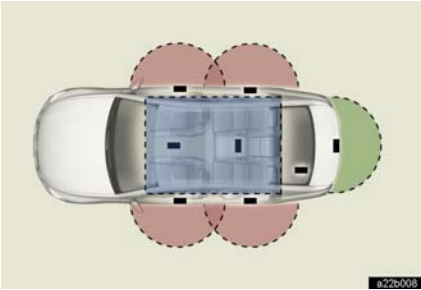
Antenna location and effective range

■ Antenna location



- 1 Antennas outside cabin
- 2 Antennas inside cabin
- 3 Antenna inside trunk
- 4 Antenna outside trunk

■ Effective range (areas within which the electronic key is detected)



- When locking or unlocking the doors
The system can be operated when the electronic key is within about 2.3 ft. (70 cm) of an outside door handle. (Only the doors detecting the key can be operated.)
- When unlocking the trunk
The system can be operated when the electronic key is within about 2.3 ft. (70 cm) of the trunk release button.
- When starting the engine or changing modes
The system can be operated when the electronic key is inside the vehicle.

■ Operation signals

- Doors: A buzzer sounds and the emergency flashers flash to indicate that the doors have been locked/unlocked. (Locked: Once; Unlocked: Twice)
- Windows and moon roof: A buzzer sounds when the windows and moon roof begin to close.

■ Door lock buzzer

If a door is not fully closed, a buzzer sounds continuously if an attempt to lock the door is made. Fully close the door to stop the buzzer, and lock the vehicle once more.

■ Conditions affecting operation





The smart access system with push-button start uses weak radio waves. In the following situations, the communication between key and vehicle may be affected, preventing the smart access system with push-button start and wireless remote control from operating properly. (Way of coping:→P. 526)

- When the electronic key battery is depleted
- Near a TV tower, electric power plant, gas station, radio station, large display, airport or other facility that generates strong radio waves or electrical noise
- When carrying a portable radio, cellular phone, cordless phone or other wireless communication devices
- When the electronic key has come into contact with, or is covered by a metallic object
- When multiple electronic keys are in the vicinity
- When carrying or using the electronic key together with the following devices that emit radio waves
 - Another vehicle's electronic key
 - A wireless key that emits radio waves
 - Personal computer
- If window tint with a metallic content or metallic objects are attached to the rear window

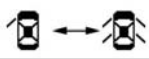

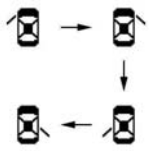

■ Switching the door unlock function

It is possible to set which doors the entry function unlocks using the wireless remote control.


STEP 1 Turn the “ENGINE START STOP” switch OFF.

STEP 2 When the indicator light on the key surface is not on, press and hold , , or  for approximately 5 seconds while pressing and holding .

The setting changes each time an operation is performed, as shown below. (When changing the setting continuously, release the buttons, wait for at least 5 seconds, and repeat step 2.)

Multi-information display	Unlocking doors	Beep
	Hold the driver's door handle to unlock only the driver's door	Exterior: Beeps 3 times Interior: Rings once
	Hold a passenger's door handle to unlock all the doors	
	Hold the door handle to unlock the front and rear doors on your side	Exterior: Beeps 4 times Interior: Rings once
	Hold the door handle to unlock the door	Exterior: Beeps once Interior: Rings once
	Hold a door handle to unlock all doors	Exterior: Beeps twice Interior: Rings once

STEP 3 Unlock the doors using the wireless remote control and open one of the doors.

If a door is not opened within 60 seconds after  is pressed, the doors will be locked again and the alarm will automatically be set.

In case that the alarm is triggered, immediately stop the alarm. (→P. 75)

■ Battery-saving function

In the following circumstances, the entry function is disabled in order to prevent the vehicle and electronic key batteries from discharging.

- When the entry function has not been used for 2 months or more
- When the electronic key has been left within approximately 3 ft. (1 m) of the vehicle for 10 minutes or more

The system will resume operation when...

- The vehicle is locked using the door handle lock switch
- The vehicle is locked/unlocked using the wireless remote control function (→P. 34) or the mechanical key (→P. 526)

■ Electronic key battery depletion

- The standard battery life is 1 to 2 years. (The battery becomes depleted even if the electronic key is not used.) If the smart access system with push-button start or the wireless remote control function does not operate, or the detection area becomes smaller, the battery may be depleted. Replace the battery when necessary. (→ P. 440)
- To avoid serious deterioration, do not leave the electronic key within 3 ft. (1 m) of the following electrical appliances that produce a magnetic field:
 - TVs
 - Personal computers
 - Recharging cellular phones or cordless phones
 - Table lamps

■ To operate the system properly

Make sure to carry the electronic key when operating the system. Do not get the electronic key too close to the vehicle when operating the system from the outside of the vehicle.

Depending on the position and holding condition of the electronic key, the key may not be detected correctly and the system may not operate properly. (The alarm may go off accidentally, or the door lock prevention may not function.)

■ Note for the smart access system with push-button start

- Even when the electronic key is within the effective range (detection areas), the system may not operate properly in the following cases.
 - The electronic key is too close to the window or outside door handle, near the ground, or in a high place when the doors are locked or unlocked.
 - The electronic key is near the ground or in a high place, or too close to the rear bumper center when the trunk is unlocked.
 - The electronic key is on the instrument panel, rear package tray or floor, or in the glove box when the engine is started or “ENGINE START STOP” switch modes are changed.
- As long as the electronic key is within the effective range, the doors may be locked or unlocked by anyone.
- Even if the electronic key is not inside the vehicle, it may be possible to start the engine if the electronic key is near the window.
- The doors may unlock if a large amount of water splashes on the door handle, such as in the rain or in a car wash when the electronic key is within the effective range. (The doors will automatically be locked after approximately 60 seconds if the doors are not opened and closed.)

- Gripping the door handle when wearing a glove may not unlock the door.
- If the wireless remote control is used to lock the doors when the electronic key is near the vehicle, there is a possibility that the door may not be unlocked by the smart access system with push-button start. (Use the wireless remote control to unlock the doors.)
- A sudden approach to the effective range or door handle operation may prevent the doors from being unlocked. In this case, return the door handle to the original position and check that the doors unlock before pulling the door handle again.

■ When the vehicle is not driven for extended periods

To prevent theft of the vehicle, do not leave the electronic key within 6 ft. (2 m) of the vehicle.

■ Security feature

If a door is not opened within approximately 60 seconds after the vehicle is unlocked, the theft deterrent system automatically locks the vehicle again.

■ Alarms and warning indicators

A combination of exterior and interior alarms as well as warnings displayed on the multi-information display are used to prevent theft of the vehicle and unforeseeable accidents resulting from erroneous operation. Take appropriate measures in response to any warning indications on the multi-information display. (→P. 508)

The following table describes circumstances and correction procedures when only alarms are sounded.

Alarm	Situation	Correction procedure
Exterior alarm sounds once for 2 seconds	Tried to lock the doors using the entry function while the electronic key is still inside the passenger compartment	Retrieve the electronic key from the passenger compartment and lock the doors again.
	Closed the trunk while the electronic key is still inside and all doors are locked	Retrieve the electronic key from the trunk and close the trunk lid.
Exterior alarm sounds once for 60 seconds	Tried to exit the vehicle with the electronic key and lock the doors without first turning the "ENGINE START STOP" switch OFF	Turn the "ENGINE START STOP" switch OFF and lock the doors again.
Exterior alarm sounds once for 10 seconds	Tried to lock the vehicle using the entry function while a door is open	Close all of the doors and lock the doors again.
Interior alarm sounds continuously	Tried to open the door and exit the vehicle without shifting the shift lever to "P"	Shift the shift lever to "P".
Interior alarm rings continuously	Switched to ACCESSORY mode while the driver's door is open (Opened the driver's door when the "ENGINE START STOP" switch is in ACCESSORY mode.)	Turn the "ENGINE START STOP" switch OFF and close the driver's door.
	Turned the "ENGINE START STOP" switch OFF while the driver's door is open	Close the driver's door.

■ If the smart access system with push-button start does not operate properly

- Locking and unlocking the doors and trunk: Use the mechanical key.
(→P. 526)
- Starting the engine: →P. 527

■ When the electronic key battery is fully depleted

→P. 440

■ Customization that can be configured at Lexus dealer

Settings (e.g. smart access system with push-button start) can be changed.
(Customizable features →P. 569)

■ Certification for the smart access system with push-button start

- ▶ For vehicles sold in the U.S.A.

FCC ID: NI4TMLF-1

NOTE:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC WARNING:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

- ▶ For vehicles sold in Canada

NOTE:

This device complies with RSS-210 of Industry Canada.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

 **CAUTION****■ Caution regarding interference with electronic devices**

- People with implanted pacemakers or cardiac defibrillators should keep away from the smart access system with push-button start antennas. (→P. 24) The radio waves may affect the operation of such devices. If necessary, the smart access system with push-button start can be disabled. Ask your Lexus dealer for details, such as the frequency of radio waves and timing of emitting the radio waves. Then, consult your doctor to see if you should disable the smart access system with push-button start.
- Users of any electrical medical device other than implanted pacemakers and implanted cardiac defibrillators should consult the manufacturer of the device for information about its operation under the influence of radio waves. Radio waves could have unexpected effects on the operation of such medical devices.

Ask your Lexus dealer for details for disabling the smart access system with push-button start.

1-2. Opening, closing and locking the doors and trunk


Wireless remote control

The wireless remote control can be used to lock and unlock the vehicle and the trunk from outside the vehicle.



- 1 Locks all doors
- 2 Unlocks all doors
- 3 Opens the windows and moon roof (push and hold)
- 4 Unlocks the trunk (push and hold)
- 5 Sounds alarm (push and hold) (→P. 76)

■ 2-step unlocking function

When you push the  button, the driver's door is unlocked. Pushing the button again within 3 seconds unlocks the other doors.

■ Operation signals

- Doors: A buzzer sounds and the emergency flashers flash to indicate that the doors have been locked/unlocked. (Locked: Once; Unlocked: Twice)
- Trunk: A buzzer sounds to indicate that the trunk has been unlocked.
- Windows and moon roof: A buzzer sounds to indicate that the windows and moon roof are opening.

- **Door lock buzzer**
 - P. 26
- **Security feature**
 - P. 30
- **If the wireless remote control does not operate properly**
 - Locking and unlocking the doors and trunk: Use the mechanical key. (→P. 526)
 - Starting the engine. (→P. 527)
- **Electronic key battery depletion**
 - P. 28
- **When the electronic key battery is fully depleted**
 - P. 440
- **Conditions affecting operation**
 - P. 26
- **Customization that can be configured at Lexus dealer**

Settings (e.g. 2-step unlocking function, trunk unlocking function) can be changed. (Customizable features →P. 569)

■ Certification for wireless remote control

- ▶ For vehicles sold in the U.S.A

NOTE:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTICE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC WARNING:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

- ▶ For vehicles sold in Canada

NOTE:

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

1-2. Opening, closing and locking the doors and trunk

Doors

The vehicle can be locked and unlocked using the smart access system with push-button start, wireless remote control or door lock switch.

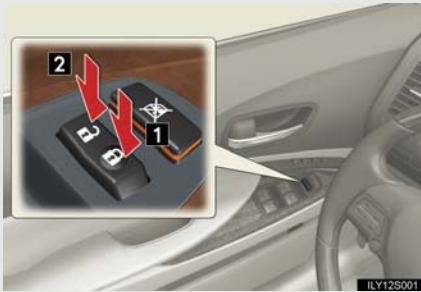
■ Smart access system with push-button start

→P. 23

■ Wireless remote control

→P. 34

■ Door lock switch



- 1 Locks all doors
- 2 Unlocks all doors

■ Inside lock button



- 1 Locks the door
- 2 Unlocks the door

The front doors can be opened by pulling the inside handles even if the lock buttons are in the lock position.

Locking the driver's door from the outside without a key

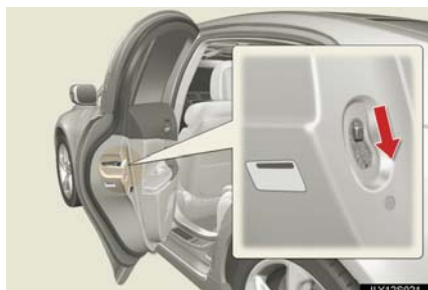
STEP 1 Move the lock button to the lock position.

STEP 2 Close the door.

The door cannot be locked if the “ENGINE START STOP” switch is in the ACCESSORY or IGNITION ON mode, or the electronic key is left inside the vehicle.

The key may not be detected correctly and the door may be locked.

Rear door child-protector lock



The door cannot be opened from inside the vehicle when the locks are set.

These locks can be set to prevent children from opening the rear doors. Push down rear door switches to lock the rear doors.

Automatic door locking and unlocking systems

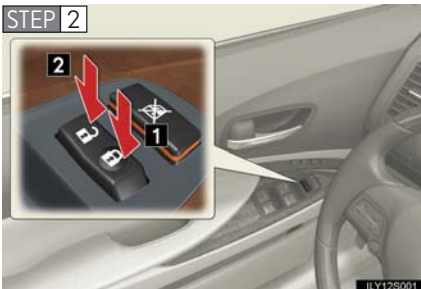
The following functions can be set or canceled:

Function	Operation
Shift position linked door locking function	Shifting the shift lever out of "P" locks all doors.
Shift position linked door unlocking function	Shifting the shift lever to "P" unlocks all doors.
Speed linked door locking function	All doors are locked when the vehicle speed is approximately 12 mph (20 km/h) or higher.
Driver's door linked door unlocking function	All doors are unlocked when the driver's door is opened within 10 seconds after turning the "ENGINE START STOP" switch OFF.

Setting and canceling the functions

To switch between setting and canceling, follow the procedure below:

STEP 1 Close all the doors and switch the "ENGINE START STOP" switch to IGNITION ON mode. (Perform step 2 within 10 seconds.)



Shift the shift lever to "P" or "N", press and hold the driver's door lock switch (1 or 2) for approximately 5 seconds then release.

The shift lever and switch positions corresponding to the desired function to be set or canceled are shown as follows.

1-2. Opening, closing and locking the doors and trunk

Function	Shift lever position	Switch position
Shift position linked door locking function	"P"	1
Shift position linked door unlocking function		2
Speed linked door locking function	"N"	1
Driver's door linked door unlocking function		2

When the setting or canceling operation is complete, all doors are locked and then unlocked.

■ Closing the front doors from outside with the inside lock button set in the locked position

The door cannot be locked if the "ENGINE START STOP" switch is in ACCESSORY or IGNITION ON mode, or the electronic key is left in the vehicle. (However, depending on the key's location, the system may not be able to detect it. In these instances the door lock protection function will not operate properly.)

■ Using the mechanical key

The doors can also be locked and unlocked with the mechanical key. (→P. 526)

■ Customization that can be configured at Lexus dealer

Settings (e.g. unlocking function using a key) can be changed. (Customizable features →P. 571)

 CAUTION

■ **To prevent an accident**

Observe the following precautions while driving the vehicle.

Failing to do so may result in a door opening and an occupant falling out, resulting in death or serious injury.

- Always use a seat belt.
- Always lock all doors.
- Ensure that all doors are properly closed.
- Do not pull the inside handle of the front door while driving.
The doors will open even if it is locked.
- Set the rear door child protector locks when children are seated in the rear seat.

1-2. Opening, closing and locking the doors and trunk

Trunk

The trunk can be opened using the trunk opener, smart access system with push-button start or wireless remote control.

■ Trunk opener



Press the opener switch.

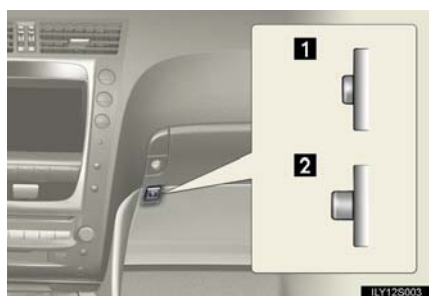
■ Smart access system with push-button start

→P. 23

■ Wireless remote control

→P. 34

Canceling the trunk opener feature



Turn the main switch in the glove box OFF to disable the trunk opener.

1 ON

2 OFF

The trunk lid cannot be opened even with the wireless remote control or the smart access system with push- button start.

■ Trunk easy closer

In the event that the trunk lid is left slightly open (not latched properly), the trunk easy closer will automatically close it to the fully closed position.

■ Trunk light

When the trunk light switch is set to ON, the trunk light turns on when the trunk is opened.



- 1 ON
- 2 OFF

■ Trunk handle



Use the trunk handle when closing the trunk.

■ Internal trunk release lever



The trunk lid can be opened by pulling down on the glow-in-the-dark lever located on the inside of trunk lid.

The lever will continue to glow for some time after the trunk lid is closed.

■ Using the mechanical key

The trunk can be also opened using the mechanical key. (→P. 526)

CAUTION

■ While driving

Keep the trunk lid closed.

This not only keeps personal belongings from being thrown out, but also prevents exhaust gases from entering the vehicle.

■ When children are in the vehicle

- Never leave children unattended in the vehicle as they may lock themselves in the vehicle or trunk, which could cause the child to overheat or suffocate, resulting in death or serious injury.

- Do not allow a child to open or close the trunk lid. Doing so may cause the trunk lid to operate unexpectedly and part of the child's body may become caught.

■ Trunk easy closer

When the trunk lid is not completely closed, the trunk easy closer will automatically close it. Be careful not to catch fingers or anything else in the trunk lid. Failure to do so may result in serious injury.

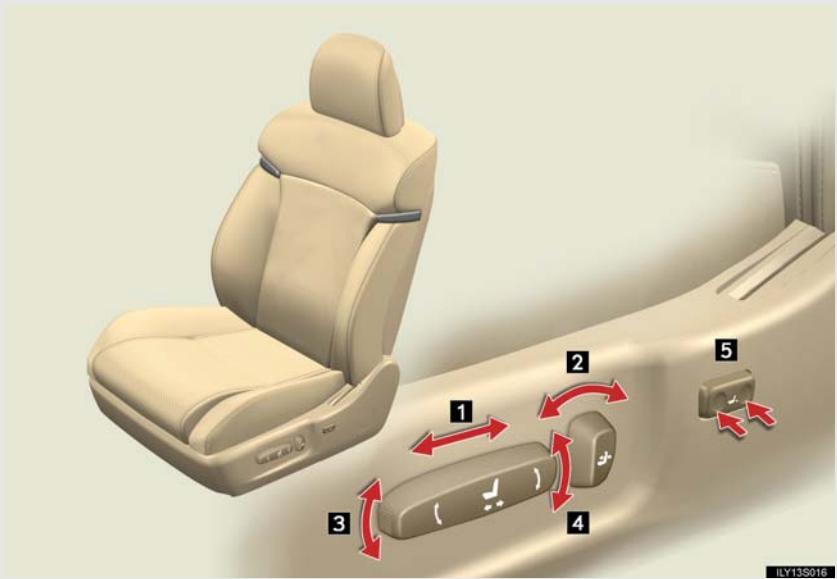
NOTICE

■ To avoid damage to the trunk easy closer

Do not apply force when the closer is operating.

1-3. Adjustable components (seats, mirrors, steering wheel)

Front seats



1 Seat position fore/aft control switch

For driver's seat only: Height of the head restraint also moves upward or downward with the seat movement.

2 Seatback angle control switch

3 Seat cushion (front) angle control switch

4 Vertical height control switch

5 Lumbar support control switch

 **CAUTION**

■ **Reclining adjustment**

Do not recline the seat more than necessary when the vehicle is in motion, to reduce the risk of sliding under the lap belt.

If the seat is too reclined, during an accident the lap belt may slide past the hips and apply restraint forces directly to the abdomen or your neck may contact the shoulder belt, increasing the risk of death or serious injury.

1-3. Adjustable components (seats, mirrors, steering wheel)

Driving position memory system (if equipped)

Your preferred driving position (the position of the driver's seat, steering wheel and outside rear view mirrors) can be entered into the computer's memory and recalled with the touch of a button. It is also possible to set this function to activate automatically when the doors are unlocked.

Three different driving positions can be entered into memory.

The same buttons are found on the front passenger's side, allowing the position of the front passenger's seat to be memorized.

■ Entering a position to memory

Check that the shift lever is set in "P".

STEP 1 Turn the "ENGINE START STOP" switch to IGNITION ON mode.

STEP 2 Adjust the driver's seat, steering wheel, and outside rear view mirrors to the desired positions.

STEP 3



While pushing the "SET" button, push button "1", "2" or "3" until the signal beeps.

If the selected button has already been preset, the previously recorded position will be overwritten.

■ Recalling the memorized position

Check that the shift lever is set in "P".

STEP 1 Turn the "ENGINE START STOP" switch to IGNITION ON mode.

STEP 2



Push button "1", "2" or "3" to recall the memorized position.

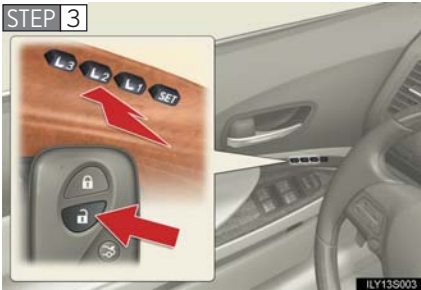
■ Linking driving position memory with door unlock operation (driver side only)


Memorized driving positions can be recalled when you unlock the driver's door using the entry function or wireless remote control and open the driver's door. Steering wheel position is recalled when the "ENGINE START STOP" switch is set to the IGNITION ON mode.

■ Setting the linked door unlock operation


STEP 1 Set the driving positions into the memory system using the "1", "2" or "3" buttons on the driver's side. (→P. 47)

STEP 2 Turn the "ENGINE START STOP" switch to the OFF, then close the driver's door.




Push the “1”, “2” or “3” button on the driver’s side and the  button on the wireless remote control at the same time for about 1 second until you hear a beep.

STEP 4 Open one of the doors.

If a door is not opened within 60 seconds after  is pressed, the doors will be locked again and the alarm will automatically be set. In case that the alarm is triggered, immediately stop the alarm. (→P. 75)

■ Canceling the linked door unlock operation

STEP 1 Close the driver’s door with the “ENGINE START STOP” switch set to the OFF.

STEP 2 Push the “SET” button and the  button on the wireless remote control at the same time for about 1 second until you hear 2 beeps.

■ Retained accessory power

Each memorized position (except for the tilt and telescopic steering column) can be activated within 30 seconds after the corresponding side door is opened, even if the “ENGINE START STOP” switch is in the OFF.

■ If any position memory button is pushed while the adjustments are being made

The operation will stop. To reactivate the system, push the desired button (“1” or “2”) again.

■ If the 12 volt battery is disconnected

The memorized positions must be reset because the computer’s memory is erased when the 12 volt battery is disconnected.

CAUTION

■ Seat adjustment caution

Take care during seat adjustment that the seat does not strike the rear passenger or squeeze your body against the steering wheel.

If this happens, you can stop the movement by pressing another driving position memory button.

Head restraints

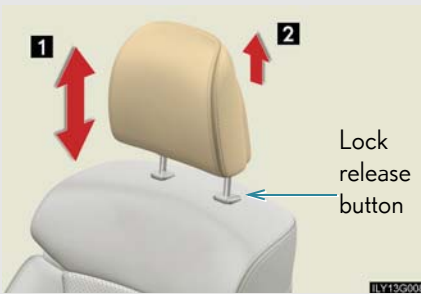
■ Vertical adjustment

▶ Driver's seat



Head restraint height can be adjusted automatically along with the seat position adjustment. (→P. 45)

▶ Front passenger's and rear seats



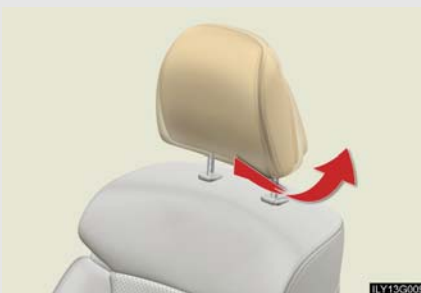
1 Grip head restraint and move it up or down.

Push and hold the lock release button when lowering the head restraint.

2 Grip head restraint and remove while holding the lock release button.

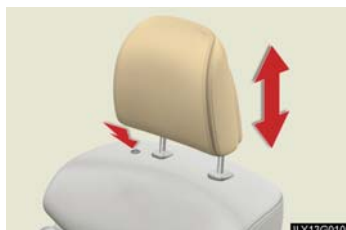
■ Horizontal adjustment

▶ Front and outboard rear seats



Grip head restraint and twist to tilt forward or backward.

■ Adjusting the height of the driver's head restraint manually



Push and hold the lock release button when lowering or raising the head restraint.

■ Removing the driver's seat head restraint

For removal and installation, ask your Lexus dealer.

■ Adjusting the height of the head restraints



Make sure that the head restraints are adjusted so that the center of the head restraint is closest to the top of your ears.

■ Adjusting the center rear seat head restraint

Always raise the head restraint one level from the stowed position when using.

⚠ CAUTION

■ Head restraint precautions

Observe the following precautions regarding the head restraints. Failure to do so may result in death or serious injury.

- Use the head restraint designed for each respective seat.
- Adjust the head restraints to the correct position at all times.
- Do not drive with the head restraints removed.

Seat belts

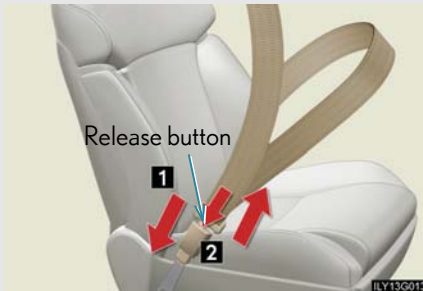
Make sure that all occupants are wearing their seat belts before driving the vehicle.

■ Correct use of the seat belts



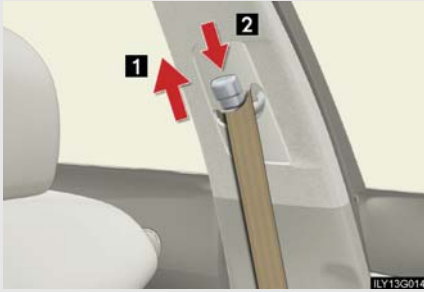
- 1 Extend the shoulder belt so that it comes fully over the shoulder, but does not come into contact with the neck or slide off the shoulder.
- 2 Position the lap belt as low as possible over the hips.
- 3 Adjust the position of the seatback. Sit up straight and well back in the seat.
- 4 Do not twist the seat belt.

■ Fastening and releasing the seat belt



- 1 Fastening the belt
Push the tab into the buckle until a clicking sound is heard.
- 2 Releasing the belt
Press the release button.

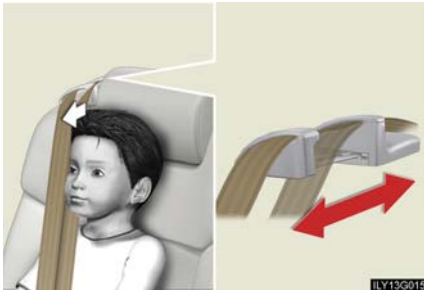
■ Adjusting the height of the belt (front seats)



- 1 Up
- 2 Down

Move the height adjuster up and down as needed until you hear a click.

Seat belt comfort guide (outboard rear seats)



If the shoulder belt fits close to a person's neck, slide the seat belt comfort guide forward.

Seat belt pretensioners (front and outboard rear seats)



The pretensioner helps the seat belt to quickly restrain the occupant by retracting the seat belt when the vehicle is subjected to certain types of severe frontal collision.

The pretensioner may not activate in the event of a minor frontal impact, a side impact or a rear impact.

Pre-collision seat belts (front seats of vehicles with pre-collision system)

When the pre-collision sensor detects an obstacle and determines that a collision is unavoidable, the seat belts lessen collision injury by retracting the slack in the front seat belts before the collision, thus restraining the driver and passenger at an earlier stage.

The seat belts will also operate in the event of sudden braking. (→P. 190)

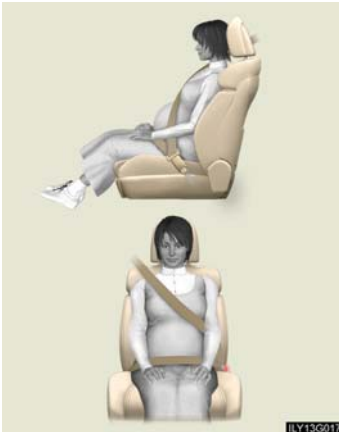
■ Emergency locking retractor (ELR)

The retractor will lock the belt during a sudden stop or on impact. It may also lock if you lean forward too quickly. A slow, easy motion will allow the belt to extend, and you can move around fully.

■ Automatic locking retractor (ALR)

When a passenger's shoulder belt is completely extended and then retracted even slightly, the belt is locked in that position and cannot be extended. This feature is used to hold the child restraint system (CRS) firmly. To free the belt again, fully retract the belt and then pull the belt out once more. (→P. 102)

■ Pregnant women



Obtain medical advice and wear the seat belt in the proper way. (→P. 53)

Women who are pregnant should position the lap belt as low as possible over the hips in the same manner as other occupants. Extend the shoulder belt completely over the shoulder and position the belt across the chest. Avoid belt contact over the rounding of the abdominal area.

If the seat belt is not worn properly, not only a pregnant woman, but also the fetus could suffer death or serious injury as a result of sudden braking or a collision.

■ People suffering illness

Obtain medical advice and wear the seat belt in the proper way. (→P. 53)

■ Child seat belt usage

The seat belts of your vehicle were principally designed for persons of adult size.

- Use a child restraint system appropriately for the child, until the child become large enough to properly wear the vehicle's seat belt. (→P. 98)
- When the child becomes large enough to properly wear the vehicle's seat belt, follow the instructions on P. 53 regarding seat belt usage.


■ Replacing the belt after the pretensioner has been activated

If the vehicle is involved in multiple collisions, the pretensioner will activate for the first collision, but will not activate for the second or subsequent collisions.

■ Seat belt extender



If your seat belts cannot be fastened securely because they are not long enough, a personalized seat belt extender is available from your Lexus dealer free of charge.

 **CAUTION**

Observe the following precautions to reduce the risk of injury in the event of sudden braking or an accident. Failing to do so may cause death or serious injury.

■ Wearing a seat belt

- Ensure that all passengers wear a seat belt.
- Always wear a seat belt properly.
- Each seat belt should be used by one person only. Do not use a seat belt for more than one person at the same time, including children.
- Lexus recommends that children should be seated in the rear seat and always use a seat belt and/or an appropriate child restraint system.
- Do not recline the seat any more than necessary to achieve a proper seating position. The seat belt is most effective when the occupants are sitting up straight and well back in the seats.
- Do not wear the shoulder belt under your arm.
- Always wear your seat belt low and snug across your hips.

■ Adjustable shoulder anchor

Always make sure the shoulder belt is positioned across the center of your shoulder. The belt should be kept away from your neck, but not falling off your shoulder. Failure to do so could reduce the amount of protection in an accident and cause death or serious injuries in a collision. (→P. 54)

■ Seat belt pretensioners

- Do not place anything, such as a cushion, on the front passenger's seat. Doing so will disperse the passenger's weight, which prevents the sensor from detecting the passenger's weight properly. As a result, the seat belt pretensioner for the front passenger's seat may not activate in the event of a collision.
- If the pretensioner has activated, the seat belt becomes locked: it cannot be further extended, nor will it return to the stowed position. The seat belt cannot be used again and must be replaced at your Lexus dealer.

CAUTION

■ Seat belt damage and wear

- Do not damage the seat belts by allowing the belt, plate or buckle to be jammed in the door.
- Inspect the seat belt system periodically. Check for cuts, fraying, and loose parts. Do not use a damaged seat belt until it is replaced. Damaged seat belts cannot protect an occupant from injury.
- Ensure that the belt and tab are locked and the belt is not twisted. If the seat belt does not function correctly, immediately contact your Lexus dealer.
- Replace the seat assembly, including the belts, if your vehicle has been involved in a serious accident, even if there is no obvious damage.
- Do not attempt to install, remove, modify, disassemble or dispose of a seat belt. Have any necessary repairs carried out by your Lexus dealer. Inappropriate handling of the pretensioner may cause it to activate or operate improperly and may cause death or serious injury.

■ Using a seat belt extender

- Do not wear the seat belt extender, if you can fasten the seat belt without the extender.
- Do not use the seat belt extender when installing a child restraint system, because the belt will not securely hold the child restraint system, increasing the risk of death or injury in the event of a collision.
- The personalized extender may not be safe on another vehicle, when used by another person, or at a different seating position other than the one originally intended.

■ Precaution for pre-collision seat belts

Do not rely solely on the pre-collision system to avoid accidents. Always pay attention to the surrounding conditions, and drive safely and responsibly.

 NOTICE

■ **When using a seat belt extender**

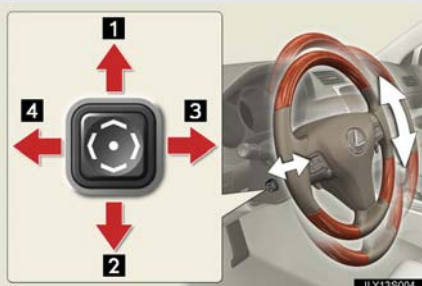
When releasing the seat belt, press on the buckle release button on the extender, not on the seat belt.

This helps prevent damage to the vehicle interior and the extender itself.

1-3. Adjustable components (seats, mirrors, steering wheel)

Steering wheel

The steering wheel can be adjusted to a comfortable position while the “ENGINE START STOP” switch is in ACCESSORY or IGNITION ON mode.



- 1 Up
- 2 Down
- 3 Toward the driver
- 4 Away from the driver

Auto tilt away and auto return



When the “ENGINE START STOP” switch is turned OFF, the steering wheel returns to its stowed position by moving up and away to enable easier driver entry and exit.

Switching to ACCESSORY or IGNITION ON mode will return the steering wheel to the original position.

⚠ CAUTION

■ While driving

Do not adjust the steering wheel.

Doing so may cause the driver to mishandle the vehicle and an accident, resulting in death or serious injury.

1-3. Adjustable components (seats, mirrors, steering wheel)

Inside rear view mirror

In the auto mode, sensors are used to detect the headlights of vehicles behind and automatically reduces the reflected light.



Turns auto mode on/off

The indicator comes on when auto mode is turned on.

The mirror is automatically set to auto whenever the "ENGINE START STOP" switch is turned IGNITION ON mode.

1

Before driving

■ To prevent sensor error



To ensure correct functioning of the sensors, do not touch or cover the sensors.

⚠ CAUTION

■ While driving

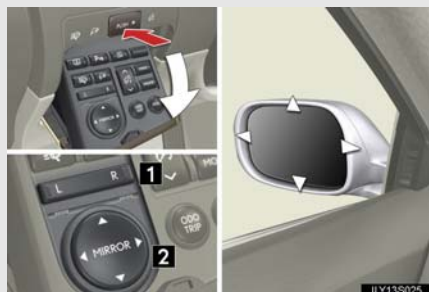
Do not adjust the position of the mirror.

Doing so may lead to mishandling of the vehicle and an accident, or resulting in death or serious injury.

1-3. Adjustable components (seats, mirrors, steering wheel)

Outside rear view mirrors

Mirror angle can be adjusted using the switch when the “ENGINE START STOP” switch is in ACCESSORY or IGNITION ON mode.



- 1 Select the mirror to adjust (“L”: left or “R”: right)
- 2 Adjust the mirror up, down, in, or out using the switch

Folding the mirrors



- 1 Press the switch
Pressing again will extend the mirrors.

■ When the mirrors are fogged up

Turn on the mirror heaters to defog the mirrors. (→P. 225)

■ Auto anti-glare function

When the inside rear view mirror is set to auto mode, the outside rear view mirrors will activate in conjunction with the inside rear view mirror to reduce reflected light. (→P. 61)

■ Linked mirror function when reversing

The outside rear view mirrors will automatically angle downwards when the vehicle is reversing in order to give a better view of the ground. However, this function will not operate when the mirror select switch is in the neutral position (neither “L” nor “R” selected).

■ One-touch adjustment of the mirror angle (vehicles with driving position memory)

A desired mirror face angle can be entered to memory and adjusted with the touch of a button. (→P. 47)

⚠ CAUTION

■ While driving

Observe the following precautions.

Failing to do so may result in losing control of the vehicle and cause an accident, resulting in death or serious injury.

- Do not adjust the mirrors.
- Do not drive with the mirrors folded back.
- Before driving, be sure to extend mirrors and make an adjustment properly.

■ When a mirror is moving

To avoid injury and mirror malfunction, be careful not to get your hand caught by the moving mirror.

■ When the mirror heaters are operating

Do not touch the mirror surface as the mirror surface becomes hot.

1-4. Opening and closing the windows and moon roof

Power windows

The power windows can be opened and closed using the following switches.



- 1 Closing
- 2 One-touch closing*
- 3 Opening
- 4 One-touch opening*

*: Pushing the switch in the opposite direction will stop window travel partway.

Lock switch



Press the switch down to lock passenger window switches.

Use this switch to prevent children from accidentally opening or closing a passenger window.

■ The power windows can be operated when

The “ENGINE START STOP” switch is in IGNITION ON mode.

■ Linked door lock window operation

- The power windows can be opened and closed using the mechanical key. (→P. 526)
- The power windows can be opened using the wireless remote control. (→P. 34)
- The power windows can be closed using the smart access system with push-button start. (→P. 22)

■ Operating the power windows after turning the “ENGINE START STOP” switch OFF

The power windows can be operated for approximately 45 seconds even after the “ENGINE START STOP” switch is switched to ACCESSORY mode or turned OFF. They cannot, however, be operated once the driver’s or front passenger’s door is opened.

■ Jam protection function

If an object becomes caught between the window and the window frame, window travel is stopped and the window is opened slightly.

■ Customization that can be configured at Lexus dealer

Settings (e.g. linked door lock operation) can be changed.
(Customizable features →P. 571)

CAUTION

■ When closing the windows

Observe the following precautions.

Failing to do so may result in death or serious injury.

- Check to make sure that all passengers do not have any part of their body in a position where it could be caught when a window is being operated.
- Do not allow children to operate the power windows.
Closing a power window on someone can cause death or serious injury.

■ Jam protection function

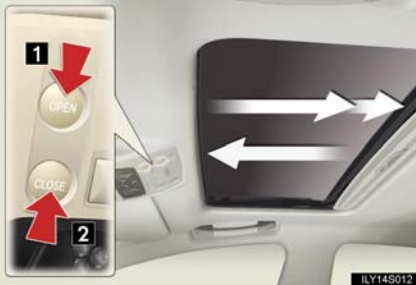
- Never try jamming any part of your body to activate the jam protection function intentionally.
- The jam protection function may not work if something gets caught just before the window fully closes.

1-4. Opening and closing the windows and moon roof

Moon roof (if equipped)

Use the overhead switches to open, close, and tilt the moon roof up and down.

■ Opening and closing



1 Open

Stops just before it is opened fully. Press the switch again to fully open.

2 Close

To stop partway, press the switch lightly.

■ Tilt up and down



1 Tilt up

2 Tilt down

To stop partway, press the switch lightly.

■ The moon roof can be operated when

The “ENGINE START STOP” switch is in IGNITION ON mode.

■ Linked door lock moon roof operation

- The moon roof can be opened and closed using the mechanical key. (→P. 526)
- The moon roof can be opened using the wireless remote control. (→P. 34)
- The moon roof can be closed using the smart access system with push-button start. (→P. 22)

■ Operating the moon roof after turning the “ENGINE START STOP” switch OFF

The moon roof can be operated for approximately 45 seconds even after the “ENGINE START STOP” switch is switched to ACCESSORY mode or turned OFF. It cannot, however, be operated once the driver’s door is opened.

■ Jam protection function

If an object is detected between the moon roof and the frame while closing or tilting down, travel is stopped and the moon roof opens slightly.

■ If the moon roof cannot be closed automatically

Keep the close switch depressed.

■ To reduce moon roof wind noise


Drive with the moon roof opened automatically (just before fully opened position).

■ Sunshade

The sunshade can be opened and closed manually. However, the sunshade will open automatically when the moon roof is opened.

■ Customization that can be configured at Lexus dealer

Settings (e.g. linked door lock operation) can be changed.
(Customizable features →P. 571)

 **CAUTION****■ When opening the moon roof**

Observe the following precautions.

Failing to do so may cause death or serious injury.

- Do not allow any passengers to put their hands or heads outside the vehicle while it is moving.
- Do not sit on top of the moon roof.

■ When closing the moon roof

Observe the following precautions.

Failing to do so may result in death or serious injury.

- Check to make sure that all passengers do not have any part of their bodies in a position where they could be caught when the moon roof is being operated.
- Do not allow children to operate the moon roof.
Closing the moon roof on someone can cause death or serious injury.

■ Jam protection function

- Never try jamming any part of your body to activate the jam protection function intentionally.
- The jam protection function may not work if something gets caught just before the moon roof fully closes.

1-5. Refueling

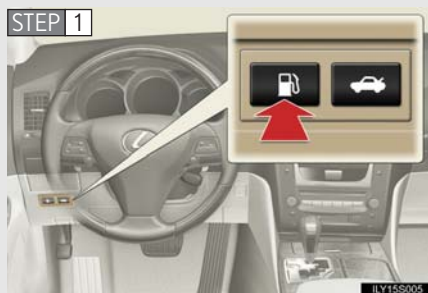
Opening the fuel tank cap

Perform the following steps to open the fuel tank cap.

■ Before refueling the vehicle

Turn the “ENGINE START STOP” switch OFF and ensure that all the doors and windows are closed.

■ Opening the fuel tank cap



Press the fuel filler door opener switch.



Turn the fuel tank cap slowly to open.



Hang the fuel tank cap on the back of the fuel filler door.

Closing the fuel tank cap



After refueling, turn the fuel tank cap clockwise until you hear a click. The cap will revolve slightly in the opposite direction once released.

■ Fuel types

Use premium unleaded gasoline. (91 Octane Rating [Research Octane Number 96] or higher)

■ Fuel tank capacity

Approximately 18.7 gal. (71 L, 15.6 Imp.gal.)

■ When the fuel filler door opener switch is inoperable



The lever can be used to open the fuel filler door if the fuel filler door cannot be opened using the inside switch because the 12 volt battery is discharged or for any other reason.

CAUTION

■ When refueling the vehicle

Observe the following precautions while refueling the vehicle. Failure to do so, may result in death or serious injury.

- Touch the vehicle or some other metal surface to discharge any static electricity. Sparks resulting from discharging static electricity may cause the fuel vapors to ignite.
- Always hold the grips on the fuel tank cap and turn it slowly to remove it. A whooshing sound may be heard when the fuel tank cap is loosened. Wait until the sound cannot be heard before fully removing the cap. In hot weather, pressurized fuel may spray out of the filler neck and cause injury.
- Do not allow anyone that has not discharged static electricity from their bodies to come close to an open fuel tank.
- Do not inhale vaporized fuel. Fuel contains substances that are harmful if inhaled.
- Do not smoke while refueling the vehicle. Doing so may cause the fuel to ignite and cause a fire.
- Do not return to the vehicle or touch any person or object that is statically charged. This may cause static electricity to build up, resulting in a possible ignition hazard.

■ When replacing the fuel tank cap

Do not use anything but a genuine Lexus fuel tank cap designed for your vehicle. Failure to do so may cause a fire or other incident which may result in death or serious injury.

NOTICE

■ Refueling

Do not spill fuel during refueling.

Failing to do so may damage the vehicle, such as causing the exhaust systems to operate abnormally or damaging fuel system components or the vehicle's painted surface.

1-6. Theft deterrent system Immobilizer system

The vehicle's keys have built-in transponder chips that prevent the engine from starting if the key has not been previously registered in the vehicle's on-board computer.

Never leave the keys inside the vehicle when you leave the vehicle.



The indicator light flashes after the “ENGINE START STOP” switch has been turned OFF to indicate that the system is operating.

1

Before driving

■ System maintenance

The vehicle has a maintenance-free type of immobilizer system.

■ Conditions that may cause the system to malfunction

- If the grip portion of the key is in contact with a metallic object.
- If the key is in close proximity to or touching a key to the security system (key with a built-in transponder chip) of another vehicle.

■ Certifications for the immobilizer system

- ▶ For vehicles sold in the U.S.A.

FCC ID: NI4TMIMB-1

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

► For vehicles sold in Canada

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

CAUTION

■ Certifications for the immobilizer system

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTICE

■ For proper system operation

Do not modify, remove or disable the immobilizer system. If any unauthorized changes or modifications are made, the proper operation of the system cannot be guaranteed.

Alarm

The system sounds the alarm and flashes lights when forcible entry is detected.

■ Triggering of the alarm

The alarm is triggered in the following situations.

- A locked door or trunk is unlocked or opened in any way other than using the smart access system with push-button start, wireless remote control or mechanical key. (The doors will lock again automatically.)
- The hood is opened while the vehicle is locked.

■ Setting the alarm system



Close the doors, trunk and hood, and lock all doors.

The system will be set automatically after 30 seconds.

The indicator light changes from being on to flashing when the system is set.

■ Deactivating or stopping the alarm

Do one of the following to deactivate or stop the alarm.

- Unlock the doors or trunk.
- Turn the "ENGINE START STOP" switch to the ACCESSORY or IGNITION ON mode. (The alarm will be deactivated or stopped after a few seconds.)

■ Items to check before locking the vehicle

To prevent unintended triggering of the alarm and vehicle theft, make sure of the following.

- Nobody is in the vehicle.
- The windows and moon roof (if equipped) are closed before the alarm is set.
- No valuables or other personal items are left in the vehicle.

■ Triggering of the alarm

The alarm may be triggered in the following situations.
(Stopping the alarm deactivates the alarm system.)

- A person inside the vehicle opens a door, the trunk or hood.
- The 12 volt battery is recharged or replaced when the vehicle is locked.


■ When the 12 volt battery is disconnected

Be sure to cancel the alarm system.

If the 12 volt battery is disconnected before canceling the alarm, the system may be triggered when the battery is reconnected.

■ Panic mode

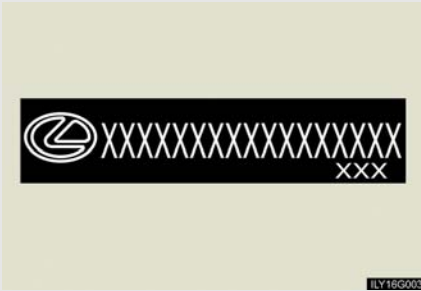


When  is pushed for longer than about one second, the headlights/tail lights/emergency flashers will flash, the front and rear interior lights will come on, and an alarm will sound for about 60 seconds to deter any person from trying to break into or damage your vehicle.

To stop the alarm, push any button on the wireless remote control.

1-6. Theft deterrent system

Theft prevention labels (U.S.A.)



These labels are attached to the vehicle to reduce vehicle theft by facilitating the tracing and recovery of parts from stolen vehicles. Do not remove under penalty of law.

1


Before driving

Correct driving posture

Drive with a good posture as follows:



- 1 Sit upright and well back in the seat. (→P. 45)
- 2 Adjust the position of the seat forward or backward to ensure the pedals can be reached and easily depressed to the extent required. (→P. 45)
- 3 Adjust the seatback so that the controls are easily operable.
- 4 Adjust the tilt and telescopic positions of the steering wheel downward so the airbag is facing your chest. (→P. 60)
- 5 Lock the head restraint in place with the center of the head restraint closest to the top of your ears. (→P. 51)
- 6 Wear the seat belt correctly. (→P. 53)

 **CAUTION****■ While driving**

- Do not adjust the position of the driver's seat.
Doing so could cause the driver to lose control of the vehicle.
- Do not place a cushion between the driver or passenger and the seatback.
A cushion may prevent correct posture from being achieved, and reduce the effectiveness of the seat belt and head restraint, increasing the risk of death or serious injury to the driver or passenger.
- Do not place anything under the front seats.
Objects placed under the front seats may become jammed in the seat tracks and stop the seat from locking in place. This may lead to an accident. The adjustment mechanism may also be damaged.

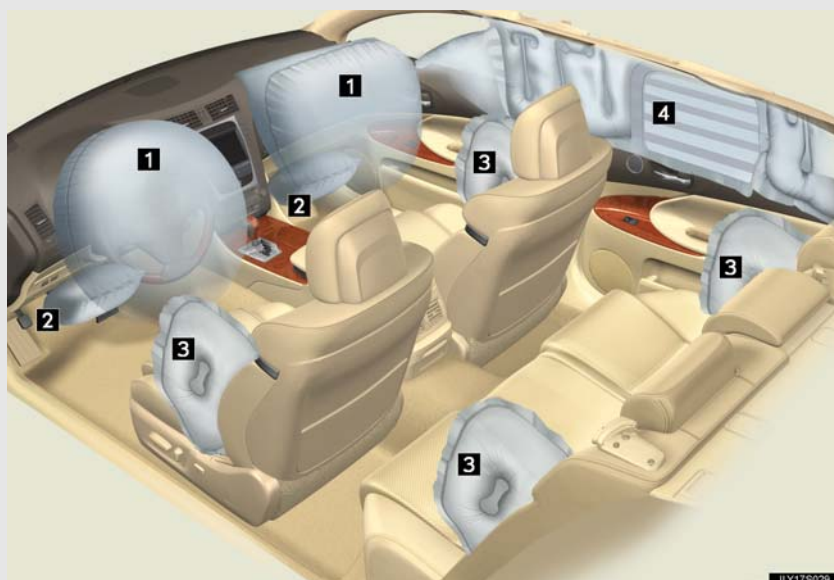
■ Adjusting the seat position

- Take care when adjusting the seat position to ensure that other passengers are not injured by the moving seat.
- Do not put your hands under the seat or near the moving parts to avoid injury.
Fingers or hands may become jammed in the seat mechanism.

1-7. Safety information

SRS airbags

The SRS airbags inflate when the vehicle is subjected to certain types of severe impacts that may cause significant injury to the occupants. They work together with the seat belts to help reduce the risk of death or serious injury.



► Front airbags

1 Driver airbag/front passenger airbag

Can help protect the head and chest of the driver and front passenger from impact with interior components.

2 Knee airbag

Can help provide driver and front passenger protection.

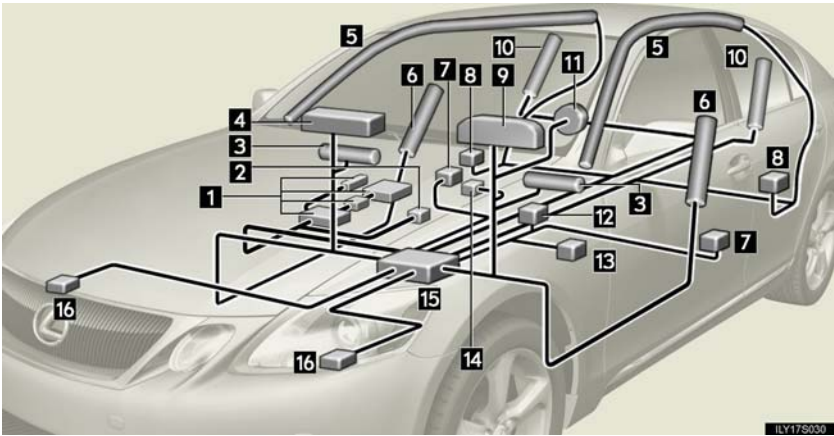
► Side and curtain shield airbags

3 Front side airbag/rear side airbag (rear side airbags are optional)

Can help protect the torso of the front occupants and rear out-board occupants.

4 Curtain shield airbag

Can help protect primarily the head of front occupants and rear out-board occupants.

Airbag system components

- | | |
|--|---|
| 1 Occupant detection system (ECU and sensors) | 8 Curtain shield and rear side airbag sensor |
| 2 Front passenger's seat belt buckle switch | 9 SRS warning light |
| 3 Knee airbag | 10 Rear side airbag (if equipped) |
| 4 Front passenger airbag | 11 Driver airbag |
| 5 Curtain shield airbag | 12 Driver's seat belt buckle switch |
| 6 Front side airbag | 13 Driver's seat position sensor |
| 7 Side and curtain shield airbag sensor | 14 "AIR BAG ON" and "AIR BAG OFF" indicator lights |
| | 15 Airbag sensor assembly |
| | 16 Front airbag sensor |

Your vehicle is equipped with “ADVANCED AIRBAGS” designed based on US motor vehicle safety standards (FMVSS208). The airbag system controls airbag deployment power for the driver and front passenger. The driver airbag system consists of the driver’s seat position sensor etc. The front passenger’s airbag system consists of the front passenger occupant classification sensor etc.

The main SRS airbag system components are shown above. The SRS airbag system is controlled by the airbag sensor assembly. The airbag sensor assembly consists of a safing sensor and an airbag sensor.

In certain types of severe frontal or side impacts, the SRS airbag system triggers the airbag inflators. A chemical reaction in the inflators quickly fills the airbags with non-toxic gas to help restrain the motion of the occupants.

■ If the SRS airbags deploy (inflate)

- Bruising and slight abrasions may result from contact with a deploying (inflating) SRS airbag.
- A loud noise and white powder will be emitted.
- Parts of the airbag module (steering wheel hub, airbag cover and inflator) as well as the seats, and parts of the front pillar and roof side rail, may be hot for several minutes. The airbag itself may also be hot.
- The windshield may crack.

■ Operating conditions (front airbags)

- The SRS front airbags will deploy if the severity of the frontal impact is above the designed threshold level, comparable to an approximate 15 mph (25 km/h) collision when the vehicle impacts straight into a fixed barrier that does not move or deform.

However, this threshold velocity will be considerably higher if the vehicle strikes an object, such as a parked vehicle or sign pole, which can move or deform on impact, or if the vehicle is involved in an underride collision (e.g. a collision in which the front of the vehicle “underrides”, or goes under, the bed of a truck, etc.).

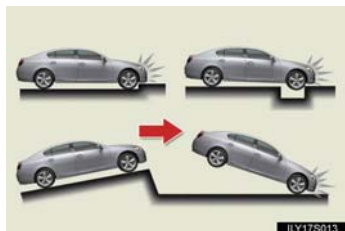
- It is possible that in some collisions where the forward deceleration of the vehicle is very close to the designed threshold level, the SRS front airbags and the seat belt pretensioners may not activate together.
- The SRS front passenger airbags will not activate, if there is no passenger sitting in the front passenger seat. However, the front passenger airbag may deploy, if the heavy luggage is put in the seat, even if the seat is unoccupied.

■ Operating conditions (side and curtain shield airbags)

- The SRS side airbags and curtain shield airbags are designed to inflate when the passenger compartment is subjected to a severe impact from the side.
- The SRS front side airbag on the passenger seat will not activate if there is no passenger sitting in the front passenger seat. However, the front side airbag on the passenger seat may deploy if the heavy luggage is put in the seat, even if the seat is unoccupied. (→P. 92)

■ Conditions under which the SRS airbags may deploy (inflate), other than a collision

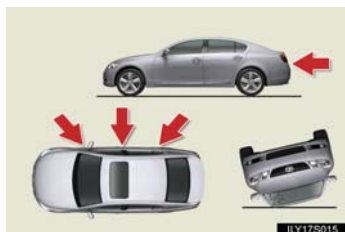
The SRS front airbags may also deploy if a serious impact occurs to the underside of your vehicle. Some examples are shown in the illustration.



- Hitting a curb, edge of pavement or hard surface
- Falling into or jumping over a deep hole
- Landing hard or vehicle falling

■ Types of collisions that may not deploy the SRS airbag (front airbags)

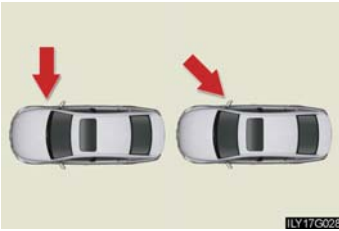
The SRS front airbags are generally not designed to inflate if the vehicle is involved in a side or rear collision, if it rolls over, or if it is involved in a low-speed frontal collision. But, whenever a collision of any type causes sufficient forward deceleration of the vehicle, deployment of the SRS front airbags may occur.



- Collision from the side
- Collision from the rear
- Vehicle rollover

■ Types of collisions that may not deploy the SRS airbag (side and curtain shield airbags)

The SRS side airbag and curtain shield airbag system may not activate if the vehicle is subjected to a collision from the side at certain angles, or a collision to the side of the vehicle body other than the passenger compartment.



- Collision from the side to the vehicle body other than the passenger compartment
- Collision from the side at an angle

The SRS side airbags and curtain shield airbags are generally not designed to inflate if the vehicle is involved in a frontal or rear collision, if it rolls over, or if it is involved in a low-speed side collision.

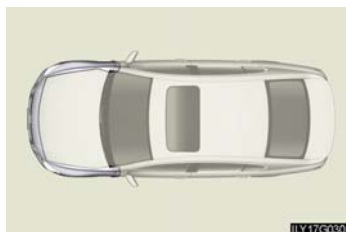


- Collision from the front
- Collision from the rear
- Vehicle rollover

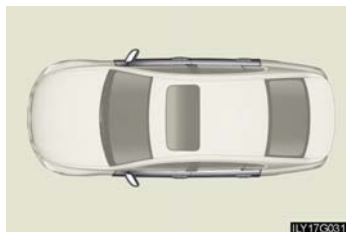
■ When to contact your Lexus dealer

In the following cases, contact your Lexus dealer as soon as possible. Do not disconnect the 12 volt battery cables before contacting your Lexus dealer.

- Any of the SRS airbags have been inflated.



- The front of the vehicle is damaged or deformed, or was involved in an accident that was not severe enough to cause the SRS airbags to inflate.




- A portion of the doors is damaged or deformed, or the vehicle was involved in an accident that was not severe enough to cause the SRS side airbags and curtain shield airbags to inflate.



- The pad section of the steering wheel, front passenger airbag cover or lower portion of the instrument panel is scratched, cracked, or otherwise damaged.



- The surface of the seats with the side airbag is scratched, cracked, or otherwise damaged.
- The portion of the front pillars, rear pillars or roof side rail garnishes (padding) containing the curtain shield airbags inside is scratched, cracked, or otherwise damaged.

 **CAUTION****■ SRS airbag precautions**

Observe the following precautions regarding the airbags. Failure to do so may cause death or serious injury.

- The driver and all passengers in the vehicle must wear their seat belts properly. The SRS airbags are supplemental devices to be used with the seat belts.
- The SRS driver airbag deploys with considerable force, and can cause death or serious injury especially if the driver is very close to the airbag. The National Highway Traffic Safety Administration (“NHTSA”) advises:

Since the risk zone for driver airbag is the first 2 - 3 in. (50 - 75 mm) of inflation, placing yourself 10 in. (250 mm) from your driver airbag provides you with a clear margin of safety. This distance is measured from the center of the steering wheel to your breastbone. If you sit less than 10 in. (250 mm) away now, you can change your driving position in several ways:

- Move your seat to the rear as far as you can while still reaching the pedals comfortably.
- Slightly recline the back of the seat. Although vehicle designs vary, many drivers can achieve the 10 in. (250 mm) distance, even with the driver seat all the way forward, simply by reclining the back of the seat somewhat. If reclining the back of your seat makes it hard to see the road, raise yourself by using a firm, non-slippery cushion, or raise the seat if your vehicle has that feature.
- If your steering wheel is adjustable, tilt it downward. This points the airbag toward your chest instead of your head and neck.

The seat should be adjusted as recommended by NHTSA above, while still maintaining control of the foot pedals, steering wheel, and your view of the instrument panel controls.

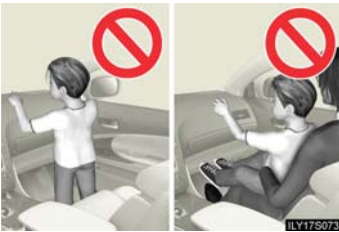
CAUTION

SRS airbag precautions



- If the seat belt extender has been connected to the driver's seat belt buckle but the seat belt extender has not also been fastened to the latch plate of the driver's seat belt, the SRS driver's airbag system will judge that the driver is wearing the seat belt even though the seat belt has not been connected. In this case, the driver's airbag may not activate correctly in a collision, resulting in death or serious injury in the event of collision. Be sure to wear the seat belt with the seat belt extender.
- The SRS front passenger airbag also deploys with considerable force, and can cause death or serious injury especially if the front passenger is very close to the airbag. The front passenger seat should be as far from the airbag as possible with the seatback adjusted, so the front passenger sits upright.
- Improperly seated and/or restrained infants and children can be killed or seriously injured by a deploying airbag. An infant or child who is too small to use a seat belt should be properly secured using a child restraint system. Lexus strongly recommends that all infants and children be placed in the rear seats of the vehicle and properly restrained. The rear seats are the safest for infants and children. (→P. 98)

 CAUTION

■ SRS airbag precautions


- Do not sit on the edge of the seat or lean against the dashboard.
- Do not allow a child to stand in front of the SRS front passenger airbag unit or sit on the knees of a front passenger.
- Do not drive the vehicle while the driver or passenger have items resting on their knees.
- Do not lean against the door, the roof side rail or the front, side and rear pillars.
- Do not allow anyone to kneel on the passenger seat toward the door or put their head or hands outside the vehicle.

1


Before driving

! CAUTION

■ SRS airbag precautions



- Do not attach anything to or lean anything against areas such as the dashboard, steering wheel pad or lower portion of the instrument panel. These items can become projectiles when SRS driver, front passenger and knee airbags deploy.
- Do not attach anything to areas such as the door, windshield glass, side door glass, front and rear pillars, roof side rail or assist grip.
- Do not hang coat hangers or other hard objects on the coat hooks. All of these items could become projectiles and seriously injure or kill you, should the SRS curtain shield airbag deploy.
- If the vinyl cover is put on the area where the SRS knee airbag will deploy, be sure to remove it.
- Do not use seat accessories which cover the parts where the SRS side airbags inflate as they may interfere with inflation of the airbags.
- Do not strike or apply significant levels of force to the area of the SRS airbag components shown on P. 81. Doing so can cause the SRS airbags to malfunction.
- Do not touch any of the component parts immediately after the SRS airbags have deployed (inflated) as they may be hot.

 **CAUTION**
■ SRS airbag precautions

- If breathing becomes difficult after the SRS airbag has deployed, open a door or window to allow fresh air in, or leave the vehicle if it is safe to do so. Wash off any residue as soon as possible to prevent skin irritation.
- If the areas where the SRS airbags are stored, such as the steering wheel pad and front pillar garnish, are damaged or cracked, have them replaced by your Lexus dealer.
- Do not place anything, such as a cushion, on the front passenger's seat. Doing so will disperse the passenger's weight, which prevents the sensor from detecting the passenger's weight properly. As a result, the SRS front passenger airbag may not deploy in the event of a collision.

■ Modification and disposal of SRS airbag system components

Do not dispose of your vehicle or perform any of the following modifications without consulting your Lexus dealer. The SRS airbags may malfunction or deploy (inflate) accidentally, causing death or serious injury.

- Installation, removal, disassembly and repair of the SRS airbags
- Repairs, modifications, removal or replacement of the steering wheel, instrument panel, dashboard, seats or seat upholstery, front, side and rear pillars or roof side rail
- Repairs or modifications of the front fender, front bumper, or side of the occupant compartment
- Installation of snow plows, winches, etc. to the front grille (bull bars, kangaroo bar etc.)
- Modifications to the vehicle's suspension system
- Installation of electronic devices such as mobile two-way radios or CD players
- Modifications to your vehicle for a person with a physical disability

1-7. Safety information

Front passenger occupant classification system

Your vehicle is equipped with a front passenger occupant classification system. This system detects the conditions of the front passenger seat and activates or deactivates the devices for front passenger.



- 1 SRS warning light
- 2 "AIR BAG OFF" indicator light
- 3 "AIR BAG ON" indicator light
- 4 Front passenger's seat belt reminder light

Condition and operation in the front passenger occupant classification system

■ Adult*1

Indicator/ warning light	"AIR BAG ON" and "AIR BAG OFF" indicator lights	"AIR BAG ON"
	SRS warning light	Off
	Front passenger's seat belt reminder light	Flashing*2
Devices	Front passenger airbag and knee airbag	Activated
	Side airbag in the front passenger seat	
	Curtain shield airbag on the front passenger side	
	Front passenger's seat belt pretensioner	

1

Before driving

■ Child*3 or child restraint system*4

Indicator/ warning light	"AIR BAG ON" and "AIR BAG OFF" indicator lights	"AIR BAG OFF"*5
	SRS warning light	Off
	Front passenger's seat belt reminder light	Flashing*2
Devices	Front passenger airbag and knee airbag	Deactivated
	Side airbag in the front passenger seat	
	Curtain shield airbag on the front passenger side	Activated
	Front passenger's seat belt pretensioner	


■ Unoccupied

Indicator/ warning light	"AIR BAG ON" and "AIR BAG OFF" indicator lights	Not illuminated
	SRS warning light	Off
	Front passenger's seat belt reminder light	
Devices	Front passenger airbag and knee airbag	Deactivated
	Side airbag in the front passenger seat	
	Curtain shield airbag on the front passenger side	Activated
	Front passenger's seat belt pretensioner	Deactivated

■ System malfunction

Indicator/ warning light	"AIR BAG ON" and "AIR BAG OFF" indicator lights	"AIR BAG OFF"
	SRS warning light	On
	Front passenger's seat belt reminder light	Off
Devices	Front passenger airbag and knee airbag	Deactivated
	Side airbag in the front passenger seat	
	Curtain shield airbag on the front passenger side	Activated
	Front passenger's seat belt pretensioner	


- *1: The system judges a person of adult size as an adult. When a smaller adult sits in the front passenger seat, the system may recognize him/her as a child depending on his/her physique and posture.
- *2: In the event the front passenger does not wear a seat belt.
- *3: When a large child who has outgrown a child restraint system sits in the front passenger seat, the system may recognize him/her as an adult depending on his/her physique and posture.
- *4: Never install a rear-facing child restraint system on the front passenger seat. A forward-facing child restraint system should only be installed on the front passenger seat when it is unavoidable. (→P. 98)
- *5: In case the indicator is not illuminated, consult this manual as for installing the child restraint system properly. (→P. 102)

 **CAUTION****■ Front passenger occupant classification system precautions**

Observe the following precautions regarding the front passenger occupant classification system.

Failure to do so may cause death or serious injury.

- Wear the seat belt properly.
- Make sure the front passenger's seat belt tab has not been left inserted into the buckle before someone sits in the front passenger seat.

 **CAUTION**

■ **Front passenger occupant classification system precautions**

- Make sure the “AIR BAG OFF” indicator light is not illuminated when using the seat belt extender for the front passenger seat. If the “AIR BAG OFF” indicator light is illuminated, disconnect the extender tongue from the seat belt buckle, then reconnect the seat belt. Reconnect the seat belt extender after making sure the “AIR BAG ON” indicator light is illuminated. If you use the seat belt extender while the “AIR BAG OFF” indicator light is illuminated, the front passenger airbag, side airbag on the front passenger side and front passenger knee airbag may not activate correctly, which could cause death or serious injury in the event of a collision.
- Do not apply a heavy load to the front passenger seat or equipment.
- Do not put weight on the front passenger seat by putting your hands or feet on the front passenger seat seatback from the rear seat.
- Do not let a rear seat passenger lift the front passenger seat with their feet or press on the seatback with their legs.
- Do not put objects under the front passenger seat.
- Do not recline the front passenger seatback so far that it touches a rear seat. This may cause the “AIR BAG OFF” indicator light to be illuminated, which indicates that the passenger’s airbags will not deploy in the event of a severe accident. If the seatback touches the rear seat, return the seatback to a position where it does not touch the rear seat. Keep the front passenger seatback as upright as possible when the vehicle is moving. Reclining the seatback excessively may lessen the effectiveness of the seat belt system.

 CAUTION**■ Front passenger occupant classification system precautions**

- If an adult sits in the front passenger seat, the “AIR BAG ON” indicator light is illuminated. If the “AIR BAG OFF” indicator is illuminated, ask the passenger to sit up straight, well back in the seat, feet on the floor, and with the seat belt worn correctly. If the “AIR BAG OFF” indicator still remain illuminated, either ask the passenger to move to the rear seat, or if that is not possible, move the front passenger seat fully rearward.
- When it is unavoidable to install a forward-facing child restraint system on the front passenger seat, install the child restraint system on the front passenger seat in the proper order. (→P. 102)
- Do not modify or remove the front seat.
- Do not kick the front passenger seat or subject it to severe impact. Otherwise, the SRS warning light may come on to indicate a malfunction in the detection system. In this case, contact your Lexus dealer immediately.
- Do not use a seat accessory, such as a cushion or seat cover, that covers the seat cushion surface.
- Child restraint systems installed on the rear seat should not contact the front seat-backs.

1-7. Safety information

Child restraint systems

A child restraint system for a small child or baby must itself be properly restrained on the seat with the lap portion of the lap/shoulder belt.

The laws of all 50 states of the U.S.A. and Canada now require the use of child restraint systems.

Points to remember

Studies have shown that installing a child restraint on a rear seat is much safer than installing one to the front passenger seat.

- Choose a child restraint system appropriate to the age and size of the child.
- For installation details, follow the instructions provided with the child restraint system.
General installation instructions are provided in this manual. (→P.102)

Types of child restraints

Child restraint systems are classified into the following 3 types according to the age and size of the child.

► Infant seat



▶ Convertible seat



▶ Booster seat




■ Selecting an appropriate child restraint system

Get an appropriate child restraint system for the child. If a child is too large for a child restraint system, sit the child on a rear seat and use the vehicle's seat belt. (→P. 53)

CAUTION

■ Child restraint precautions

- For effective protection in automobile accidents and sudden stops, a child must be properly restrained, using a seat belt or child restraint system depending on the age and size of the child. Holding a child in your arms is not a substitute for a child restraint system. In an accident, the child can be crushed against the windshield, or between you and the vehicle's interior.
- Lexus strongly urges the use of a proper child restraint system that conforms to the size of the child, installed on the rear seat. According to accident statistics, the child is safer when properly restrained in the rear seat than in the front seat.
- Never install a rear-facing child restraint system on the front passenger seat even if the "AIR BAG OFF" indicator light is illuminated. In the event of an accident, the force of the rapid inflation of the front passenger airbag can cause death or serious injury to the child if the rear-facing child restraint system is installed on the front passenger seat.
- A forward-facing child restraint system should allowed to be installed on the front passenger seat only when it is unavoidable. Always move the seat as far back as possible even if the "AIR BAG OFF" indicator light is illuminated, because the front passenger airbag could inflate with considerable speed and force. Otherwise, the child may be killed or seriously injured.
- Do not use the seat belt extender when installing a child restraint system on the front or rear passenger seat. If installing a child restraint system with the seat belt extender connected to the seat belt, the seat belt will not securely hold the child restraint system, which could cause death or serious injury to the child or other passengers in the event of collision.

 **CAUTION****■ Child restraint precautions**

- Do not allow the child to lean his/her head or any part of his/her body against the door or the area of the seat, front pillar or roof side rail from which the side airbags or curtain shield airbags deploy even if the child is seated in the child restraint system. It is dangerous if the side airbags and curtain shield airbags inflate, and the impact could cause death or serious injury to the child.
- Make sure you have complied with all installation instructions provided by the child restraint manufacturer and that the system is properly secured. If it is not secured properly, it may cause death or serious injury to the child in the event of a sudden stop or accident.

■ When the child restraint system is not in use

- Keep the child restraint system properly secured on the seat even if it is not in use. Do not store the restraint unsecured in the passenger compartment.
- If it is necessary to detach the child restraint system, remove it from the vehicle or store it securely in the trunk. This will prevent it from injuring passengers in the event of a sudden stop or accident.

1-7. Safety information

Installing child restraints

Follow the child restraint system manufacturer's instructions. Firmly secure child restraints to the outboard rear seats using a seat belt or a child restraint lower anchors belt. Attach the top strap when installing a child restraint.

1



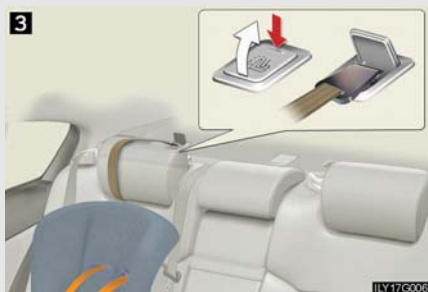
1 Seat belts equipped with a child restraint locking mechanism (ALR/ELR belts except driver's seat belt)

2



2 Child restraint lower anchors
Lower anchors are provided for the outboard rear seats. (Buttons displaying the location of the anchors are attached to the seats.)

3



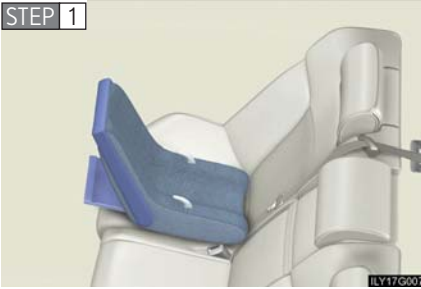
3 Anchor bracket
(for top strap)

Anchor brackets are provided for all rear seats.

Installing child restraints using a seat belt (child restraint lock function belt)

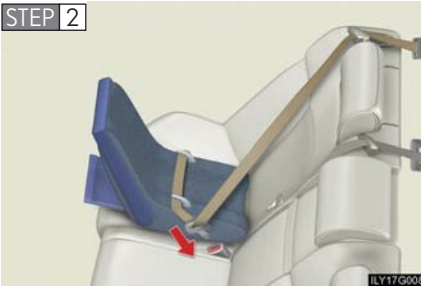
■ Rear-facing — Infant seat/convertible seat

STEP 1



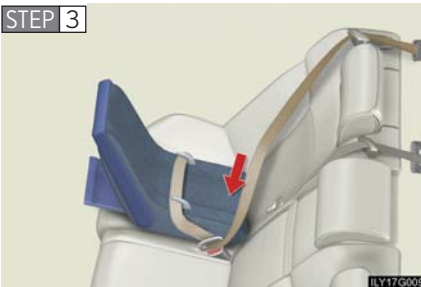
Place the child restraint system on the rear seat facing the rear of the vehicle.

STEP 2



Run the seat belt through the child restraint system and insert the plate into the buckle. Make sure that the belt is not twisted.

STEP 3



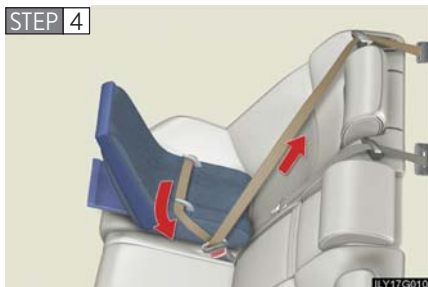
Fully extend the shoulder belt and then allow it to retract slightly in order to activate the ALR lock mode.

Lock mode allows the seat belt to retract only.

1

Before driving

STEP 4



While pushing the child restraint system down into the rear seat, allow the shoulder belt to retract until the child restraint system is securely in place.

After the shoulder belt has retracted to a point where there is no slack in the belt, pull the belt to check that it cannot be extended.

■ Forward-facing — Convertible seat

STEP 1



Place the child restraint system on the seat facing the front of the vehicle.

STEP 2



Run the seat belt through the child restraint system and insert the plate into the buckle. Make sure that the belt is not twisted.

STEP 3



Fully extend the shoulder strap and then allow it to retract slightly into the ALR lock mode.

Lock mode allows the seat belt to retract only.



While pushing the child restraint system into the rear seat, allow the shoulder belt to retract until the child restraint system is securely in place.

After the shoulder belt has retracted to a point where there is no slack in the belt, pull the belt to check that it cannot be extended.

■ Booster seat



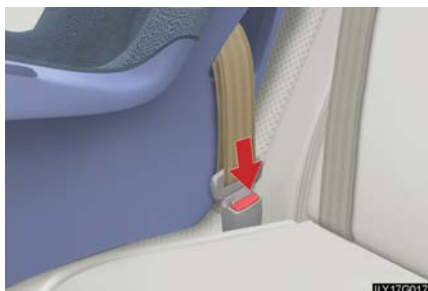
Place the child restraint system on the seat facing the front of the vehicle.



Sit the child in the child restraint system. Fit the seat belt to the child restraint system according to the manufacturer's instructions and insert the plate into the buckle. Make sure that the belt is not twisted.

Check that the shoulder belt is correctly positioned over the child's shoulder, and that the lap belt is as low as possible. (→P. 53)

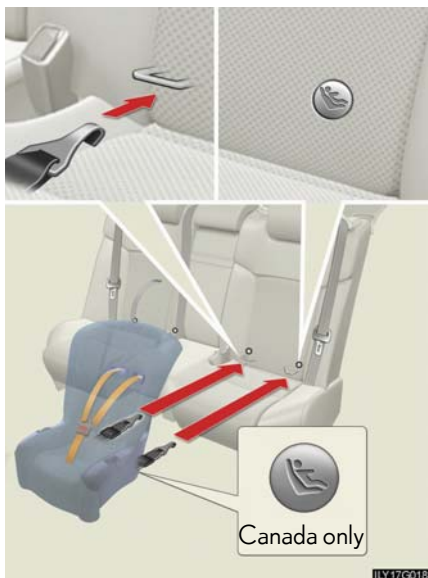
Removing a child restraint installed with a seat belt



Push the buckle release button and fully retract the seat belt.

Installation with child restraint lower anchors

► Type A



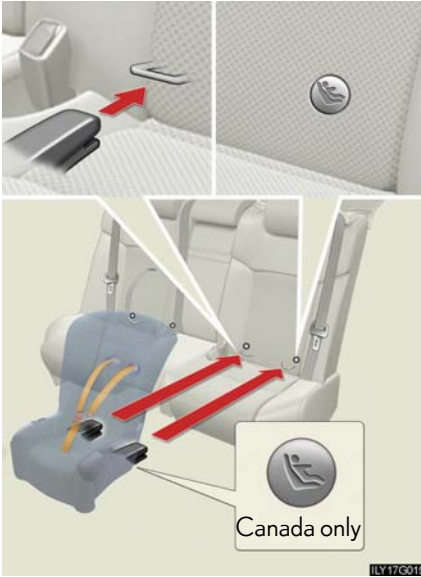
STEP 1 Widen the gap between the seat cushion and seat-back slightly.

STEP 2 Latch the hooks of the lower straps onto the anchors.

If the child restraint has a top strap, the top strap should be latched onto the anchors.

For owners in Canada:
The symbol on a child restraint system indicates the presence of a lower connector system.

► Type B



STEP 1 Widen the gap between the seat cushion and seatback slightly.

STEP 2 Latch the buckles onto the anchors.

If the child restraint has a top strap, the top strap should be latched onto the anchors.

For owners in Canada:
The symbol on a child restraint system indicates the presence of a lower connector system.

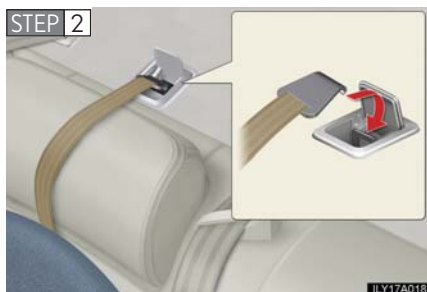
1
Before driving

Child restraint systems with a top strap



STEP 1

Secure the child restraint system using a seat belt or lower anchors, and move the head restraint in place at the lowest position.



Open the anchor bracket cover, latch the hook onto the anchor bracket and tighten the top strap.

Make sure the top strap is securely latched.

■ Laws and regulations pertaining to anchorages

Anchorage conform to FMVSS225 or CMVSS210.2.

Child restraint systems conforming to FMVSS213 or CMVSS213 specifications can be used.

This vehicle is designed to conform to the SAE J1819.

⚠ CAUTION

■ When installing a booster seat

Do not fully extend the shoulder belt to prevent the belt from going to ALR lock mode: (→P. 55)

- ALR mode causes the belt to tighten only which could cause injury or discomfort to the child.
- Do not allow the child to play with the seat belt or the child could be killed or seriously injured.

⚠ CAUTION

■ When installing a child restraint system

Follow the directions given in the child restraint system installation manual and fix the child restraint system securely in place.

If the child restraint system is not correctly fixed in place, the child or other passengers may be injured or even killed in the event of sudden braking or an accident.



- If the driver's seat interferes with the child restraint system and prevents it from being attached correctly, attach the child restraint system to the right-hand rear seat.



- Only put a forward-facing child restraint system on the front seat when unavoidable. When installing a forward-facing child restraint on the front passenger seat, move the seat as far back as possible even if the "AIR BAG OFF" indicator light is illuminated. Failing to do so may result in death or serious injury if the airbags deploy (inflate).

- When a booster seat is installed, always ensure that the shoulder belt is positioned across the center of the child's shoulder. The belt should be kept away from the child's neck, but not so that it could fall off the child's shoulder. Failing to do so may result in death or serious injury in the event of an accident or sudden braking.

CAUTION

■ **When installing a child restraint system**

- Ensure the belt and tab are securely locked and that the seat belt is not twisted.
- Push and pull the child restraint system in different directions to be sure it is secure.
- Follow all installation instructions provided by the child restraint system manufacturer.

■ **Do not use a seat belt extender**

If a seat belt extender is used when installing a child restraint system, the seat belt will not securely hold the child restraint system, which could cause death or serious injury to the child or other passengers in the event of a collision.

■ **To correctly attach a child restraint system to the anchors**

When using the lower anchors, be sure that there are no foreign objects around the anchors and that the seat belt is not caught behind the child restraint system. Make sure the child restraint system is securely attached, or it may cause death or serious injury to the child or other passengers in the event of a sudden stop or accident.

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2-1. Driving procedures

Driving the vehicle

The following procedures should be observed to ensure safe driving.

■ Starting the engine (→P. 121)

■ Driving

STEP 1 With the brake pedal depressed, shift the shift lever to “D”.
(→P. 125)

STEP 2 Release the parking brake. (→P. 131)

STEP 3 Gradually release the brake pedal and gently push the accelerator pedal to accelerate the vehicle.

■ Stopping

STEP 1 With the shift lever in “D”, push the brake pedal.

STEP 2 If necessary, set the parking brake.

When the vehicle is stopped for an extended period of time, shift the shift lever to “P”.
(→P.125)

■ Parking the vehicle

STEP 1 With the shift lever in “D”, push the brake pedal.

STEP 2 Set the parking brake. (→P.131)

STEP 3 Shift the shift lever to “P”. (→P.125)

STEP 4 Stop the engine.

STEP 5 Lock the door, making sure that you have the electronic key on your person.

Starting on a steep incline

STEP 1 Firmly set the parking brake and shift the shift lever to “D”.

STEP 2 Gently depress the accelerator pedal.

STEP 3 Release the parking brake.

■ Driving in the rain

- Drive carefully when it is raining, because visibility will be reduced, the windows may become fogged-up, and the road will be slippery.
- Drive carefully when it starts to rain, because the road surface will be especially slippery.
- Refrain from high speeds when driving on an expressway in the rain, because there may be a layer of water between the tires and the road surface, preventing the steering and brakes from operating properly.

■ Breaking in your new Lexus

To extend the life of the vehicle, the following precautions are recommended to observe:

- For the first 186 miles (300 km):
Avoid sudden stops.
- For the first 621 miles (1000 km):
 - Do not drive at extremely high speeds.
 - Avoid sudden acceleration.
 - Do not drive continuously in the low range in the “S” position.
 - Do not drive at a constant speed for extended periods.

■ Operating your vehicle in a foreign country

Comply with the relevant vehicle registration laws and confirm the availability of the correct fuel. (→P. 543)

■ When starting on an incline

The hill-start assist control may operate. (→P. 184)

CAUTION

■ When starting the vehicle

Always keep your foot on the brake pedal while stopped with the engine running. This prevents the vehicle from creeping.

■ When driving the vehicle

- Do not drive if you are unfamiliar with the location of the brake and accelerator pedals to avoid depressing the wrong pedal.
 - Accidentally depressing the accelerator pedal instead of the brake pedal will result in sudden acceleration that may lead to an accident that could result in death or serious injury.
 - When backing up, you may twist your body around, leading to a difficulty in operating the pedals. Make sure to operate the pedals properly.
 - Make sure to keep a correct driving posture even when moving the vehicle only slightly, allowing you to depress the brake and accelerator pedals properly.
 - Depress the brake pedal using your right foot. Depressing the brake pedal using your left foot may delay response in an emergency, resulting in an accident.
- Do not drive the vehicle over or stop the vehicle near flammable materials. The exhaust system and exhaust gases can be extremely hot. This may cause a fire if there is any flammable material nearby.
- Do not let the vehicle roll backwards while the shift lever is in a driving position, or roll forward while the shift lever is in "R".
Doing so may cause the engine not to operate or lead to poor brake and steering performance, resulting in an accident or damage to the vehicle.
- If the smell of exhaust is noticed inside the vehicle, open the windows and check that the trunk is closed.
Large amounts of exhaust in the vehicle can cause driver drowsiness and an accident, resulting in death or a serious health hazard. Have the vehicle inspected by your Lexus dealer immediately.
- Do not under any circumstances shift the shift lever to "P", "R" or "N" while the vehicle is moving.
Doing so can cause significant damage to the automatic transmission and may result in a loss of vehicle control.

 **CAUTION**
■ When driving the vehicle

- Do not shift the shift lever to “N” while the vehicle is moving.
Doing so may cause the engine brake not to operate properly and lead to an accident.
- Do not turn the engine off while driving.
The power steering and brake actuator (GS460) or brake booster (GS350) will not operate properly if the engine is off.
- Use engine braking (downshift) to maintain a safe speed when driving down a steep hill.
Using the brakes continuously may cause the brakes to overheat and lose effectiveness. (→P. 127)
- When stopped on an inclined surface, use the brake pedal and parking brake to prevent the vehicle from rolling backward or forward and causing an accident.
- Be careful when driving on slippery surfaces, as the vehicle may spin or skid when downshifting, rapidly accelerating, braking or turning.
- Do not adjust the position of the steering wheel, the seat, or the inside or outside rear view mirrors while driving.
Doing so may result in a loss of vehicle control that can cause accidents that may result in death or serious injury.
- Always check that all passengers’ arms, heads or other parts of their bodies are not outside the vehicle, as this may result in death or serious injury.
- Do not drive in excess of the speed limit. Even if the legal speed limit permits it, do not drive over 85 mph (140 km/h) unless your vehicle has high-speed capability tires. Driving over 85 mph (140 km/h) may result in tire failure, loss of control and possible injury. Be sure to consult a tire dealer to determine whether the tires on your vehicle are high-speed capability tires or not before driving at such speeds.

CAUTION

■ When driving on slippery road surfaces


- Sudden braking, acceleration and steering may cause tire slippage and reduce your ability to control the vehicle, resulting in an accident.
- Sudden changes in engine speed, such as engine braking caused by up-shifting or down-shifting, may cause the vehicle to skid, resulting in an accident.
- After driving through a puddle, lightly depress the brake pedal to make sure that the brakes are functioning properly. Wet brake pads may prevent the brakes from functioning properly. If the brakes on only one side are wet and not functioning properly, steering control may be affected, resulting in an accident.

■ When shifting the shift lever

Be careful not to shift the shift lever with the accelerator pedal depressed. This may lead to unexpected rapid acceleration of the vehicle that may cause an accident and result in death or serious injury.

■ When the vehicle is stopped

- Do not race the engine.
If the vehicle is in any positions other than "P" or "N" the vehicle may accelerate suddenly and unexpectedly, and may cause an accident.
- Do not leave the vehicle with the engine on for a long time.
If such a situation cannot be avoided, park the vehicle in an open space and check that exhaust fumes do not enter the vehicle interior.
- Always keep a foot on the brake pedal while the engine is running to prevent an accident caused by the vehicle moving.

 **CAUTION****■ When the vehicle is parked**

- Do not leave glasses, cigarette lighters, spray cans, or soft drink cans in the vehicle when it is in the sun.

Failure to do so may result in the following:

- Gas may leak from a cigarette lighter or spray can, and may lead to a fire.
 - The temperature inside the vehicle may cause the plastic lenses and plastic material of eye glasses to deform or crack.
 - Soft drink cans may fracture, causing the contents to spray over the interior of the vehicle, and may also cause a short circuit in the vehicle's electrical components.
- Always apply the parking brake, shift the shift lever to "P", stop the engine and lock the vehicle.
Do not leave the vehicle unattended while the engine is running.
 - Do not touch the exhaust pipe while the engine is running or immediately after turning the engine off.
Doing so may cause burns.
 - Do not leave the engine running in an area with snow build-up, or where it is snowing. If snowbanks build up around the vehicle while the engine is running, exhaust gases may collect and enter the vehicle. This may lead to death or a serious health hazard.

■ Exhaust gases

Exhaust gases include harmful carbon monoxide (CO) that is colorless and odorless. Inhaling exhaust gases may lead to death or a serious health hazard.

- If the vehicle is in a poorly ventilated area, stop the engine. In a closed area, such as a garage, exhaust gases may collect and enter the vehicle. This may lead to death or a serious health hazard.
- The exhaust should be checked occasionally. If there is a hole or crack caused by corrosion, damage to a joint or abnormal exhaust noise, be sure to have the vehicle inspected and repaired by your Lexus dealer. Failure to do so may allow exhaust gases to enter the vehicle, resulting in death or a serious health hazard.

CAUTION

■ When taking a nap in the vehicle

Always turn the engine off. Otherwise, you may accidentally move the shift lever or depress the accelerator pedal, which could cause an accident or fire due to engine overheating. Additionally, if the vehicle is parked in a poorly ventilated area, exhaust gases may collect and enter the vehicle, leading to death or a serious health hazard.

■ When braking the vehicle

- When the brakes are wet, drive more cautiously.

Braking distance increases when the brakes are wet, and may cause one side of the vehicle to brake differently than the other side. Also the parking brake may not securely hold the vehicle.

- If the brake actuator (GS460) or brake booster (GS350) does not operate, do not follow other vehicles closely and avoid downhill or sharp turns that require making.

In this case, braking is still possible, but it will require more force on the pedal than usual. Braking distance may also increase.

- Do not pump the brake pedal if turning the engine off.

Each push on the brake pedal uses up the reserve for the power-assisted brakes.

- The brake system consists of 3 (GS460) or 2 (GS350) individual hydraulic systems: If one of the systems fails, the other will still operate. In this case, the brake pedal should be depressed more firmly than usual and braking distance becomes longer.

Do not drive your vehicle with only a single brake system. Have your brakes fixed immediately.

■ If the vehicle becomes stuck or bogged (4WD models)

Do not spin the wheels recklessly when any of the tires is up in the air, or stuck in sand or mud, etc. This may damage the drive system components or propel the vehicle forward (or in another direction) and cause an accident.

 NOTICE

■ **While driving the vehicle**

Do not use the accelerator pedal or depress accelerator and brake pedals together to hold the vehicle on a hill.

■ **When parking the vehicle**

Always put the shift lever in "P". Failure to do so may cause the vehicle to move or the vehicle may accelerate suddenly if the accelerator pedal is accidentally depressed.

■ **Avoiding damage to vehicle parts**

- Do not turn the steering wheel fully in either direction and hold it there for a long time.
Doing so may damage the power steering motor.
- When driving over bumps in the road, drive as slowly as possible to avoid damaging the wheels, underside of the vehicle, etc.

■ **If you hear a squealing or scraping noise (brake pad wear limit indicators)**

Have your Lexus dealer check and replace the brake pads as soon as possible. The rotor damage can result if the pads are not replaced when needed.

Front brake only: Moderate levels of the brake pad and disc wear allow enhanced front braking power. As a result, the discs may wear more quickly than conventional brake discs. Therefore, when replacing the brake pads, Lexus recommends that you also have the thickness of the discs measured.

It is dangerous to drive the vehicle when the wear limits of the brake pads and/or that of the brake discs are exceeded.

NOTICE

■ If you get a flat tire while driving

A flat or damaged tire may cause the following situations. Hold the steering wheel firmly and gradually press the brake pedal to slow down the vehicle.

- It may be difficult to control your vehicle.
- The vehicle will make abnormal sounds.
- The vehicle will behave abnormally.

Replace a flat tire with a new one. (→P. 515)

■ When encountering flooded roads

Do not drive on a road that has flooded after heavy rain etc. Doing so may cause the following serious damage to the vehicle.

- Engine stalling
- Short in electrical components
- Engine damage caused by water immersion

In the event that you drive on a flooded road and the vehicle is flooded, be sure to have your Lexus dealer check the following.

- Brake function
- Changes in quantity and quality of oil and fluid used for the engine, automatic transmission, transfer (4WD models), differentials, etc.
- Lubricant condition for the propeller shaft (4WD models), bearings and suspension joints (where possible) and the function of all joints, bearings, etc.

2-1. Driving procedures

Engine (ignition) switch

■ Starting the engine

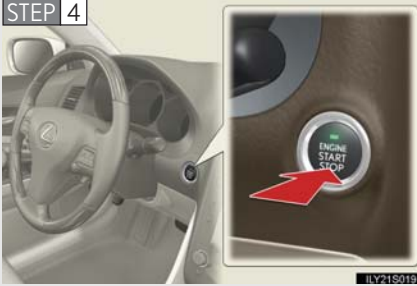
STEP 1 Check that the parking brake is set.

STEP 2 Check that the shift lever is set in "P".

STEP 3 Sit in the driver's seat and firmly depress the brake pedal.

The "ENGINE START STOP" switch indicator turns green.

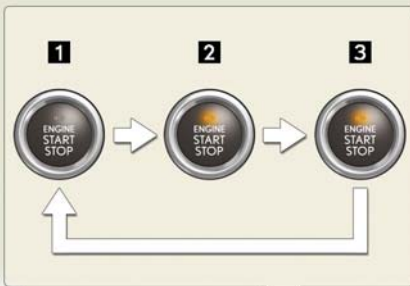
STEP 4



Press the "ENGINE START STOP" switch.

■ Changing “ENGINE START STOP” switch mode

Modes can be switched by pressing the “ENGINE START STOP” switch when carrying the electronic key on your person. (The engine can be started in any mode by operating the switch at the same time as depressing the brake pedal.)



1 OFF*

Emergency flashers can be used.

2 ACCESSORY mode

Some electrical components such as the audio system can be used.

The “ENGINE START STOP” switch indicator turns amber.

3 IGNITION ON mode

All electrical components can be used.

The “ENGINE START STOP” switch indicator turns amber.

*: The power cannot be switched to OFF unless the shift lever is in “P”.

■ If the engine does not start

The immobilizer system may not have been deactivated. (→P. 73)

■ When the steering lock cannot be released



The green indicator light on the “ENGINE START STOP” switch will flash and a message will be shown on the multi-information display. Press the “ENGINE START STOP” switch again while turning the steering wheel left and right.

■ When the “ENGINE START STOP” switch indicator flashes in amber

The system may be malfunctioning. Have the vehicle inspected by your Lexus dealer immediately.

■ Auto power OFF function

If the vehicle is left in the ACCESSORY mode for more than an hour with the shift lever in “P”, the “ENGINE START STOP” switch will automatically turn OFF.

■ Electronic key battery depletion

→P. 28

■ When the electronic key battery is discharged


→P. 440

■ Conditions affecting operation

→P. 26

■ Leak detection pump

Several hours after the engine is turned off, you may hear a sound coming from underneath the luggage compartment for several minutes. This is normal operation and does not indicate a malfunction.

 CAUTION

■ **When starting the engine**

Always start the engine while sitting in the driver's seat. Do not press the accelerator pedal while starting the engine under any circumstances.

Doing so may cause an accident resulting in death or serious injury.

■ **Stopping the engine in an emergency**

If you want to stop the engine in an emergency while driving the vehicle, push and hold the "ENGINE START STOP" switch for more than 3 seconds.

However, do not touch the "ENGINE START STOP" switch while driving except in an emergency. If the engine stops while the vehicle is being driven, this could lead to an unexpected accident.

 NOTICE

■ **To prevent 12 volt battery discharge**

Do not leave the "ENGINE START STOP" switch in ACCESSORY or IGNITION ON mode for long periods if the engine is not running.

■ **When starting the engine**

● Do not race the engine.

● If the engine becomes difficult to start or stalls frequently, have the engine checked immediately.

2-1. Driving procedures

Automatic transmission

Select a shift position appropriate for the driving conditions.

■ Shifting the shift lever



← While the “ENGINE START STOP” switch is in IGNITION ON mode, depress the brake pedal and move the shift lever.

■ Shift position uses

Shift position	Function
P	Parking the vehicle or starting the engine
R	Reversing
N	Neutral
D	Normal driving* ¹
S	“S” mode driving* ² (→P. 127)

*¹: To improve fuel consumption and reduce noises, set the shift lever in the “D” position for normal driving.

*²: By selecting shift ranges using “S” mode, you can control engine braking forces.

■ Selecting a driving mode

The following patterns can be selected to suit current driving and operating conditions.



1 Power mode

For powerful acceleration and driving in mountainous regions.

2 Normal mode

3 Snow mode

For accelerating and driving on slippery road surfaces, such as on snow.

Press "SNOW" to return to normal mode.

Changing shift ranges in "S" mode

Shift the shift lever to the "S" position and operate the shift lever.



- 1 Upshifting
- 2 Downshifting

► GS460

The initial shift range in "S" mode is automatically set to "7", "6", "5" or "4" according to vehicle speed. However, the initial shift range may not be set to "4" if the AI-SHIFT has operated while the shift lever was in the "D" position. (→P. 129)

► GS350

The initial shift range in "S" mode is automatically set to "5" or "4" according to vehicle speed. However, the initial shift range may be set to "3" or "2" if the AI-SHIFT has operated while the shift lever was in the "D" position. (→P. 129)

■ Shift ranges and their functions

- You can choose from 8 levels (GS460) or 6 levels (GS350) of engine braking force.
- A lower shift range will provide greater engine braking force than a higher shift range, and the engine revolutions will also increase.
- If you accelerate while in ranges “1” to “7” (GS460) or “1” to “5” (GS350), the shift range may automatically range up in accordance with the vehicle’s speed.

■ “S” mode

When the shift range is “6” (GS460) or “4” (GS350) or lower, holding the shift lever toward “+” sets the shift range to “8” (GS460) or “6” (GS350).

■ Downshifting restrictions warning buzzer (in the “S” mode)

To help ensure safety and driving performance, downshifting operation may sometimes be restricted. In some circumstances, downshifting may not be possible even when the shift lever is operated. (The warning buzzer will sound twice.)

■ When driving with the cruise control system (or dynamic radar cruise control system)


The engine brake will not operate in the “S” mode, even when downshifting to “7”, “6”, “5” or “4” (GS460) or “5” or “4” (GS350). (→P. 150, 153)

■ Snow mode automatic deactivation

Snow mode is automatically deactivated if the “ENGINE START STOP” switch is turned to ACCESSORY or IGNITION ON mode after driving in snow mode.

■ If the shift lever cannot be shifted from “P”

→P. 524

■ If the  indicator does not come on even after shifting the shift lever to “S”

This may indicate a malfunction in the automatic transmission. Have the vehicle inspected by your Lexus dealer immediately.

(In this situation, the vehicle will operate as if the shift lever is in “D”.)

■ AI-SHIFT

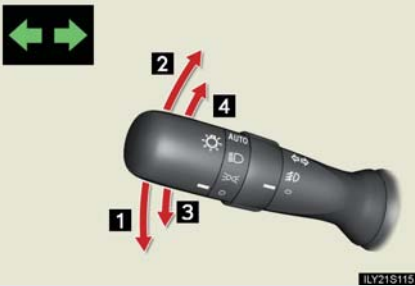
The AI-SHIFT automatically shifts the gear to the optimal position according to the driver's input and driving conditions.

GS460: The AI-SHIFT automatically operates when the shift lever is in the “D” or “S” position.

GS350: The AI-SHIFT automatically operates when the shift lever is in the “D” position. (Shifting the shift lever to the “S” position cancels the function.)

2-1. Driving procedures

Turn signal lever



- 1 Left turn
- 2 Right turn
- 3 Move and hold the lever part-way to signal a lane change
The left hand signal will flash until you release the lever.
- 4 Move and hold the lever part-way to signal a lane change
The right hand signal will flash until you release the lever.

■ Turn signals can be operated when

The "ENGINE START STOP" switch is in IGNITION ON mode.

■ If the indicators flash faster than usual

Check that a light bulb in the front or rear turn signal lights has not burned out.

2-1. Driving procedures

Parking brake



Sets the parking brake*
(Depressing the pedal again releases the parking brake.)

*: Fully depress the parking brake pedal with your left foot while depressing the brake pedal with your right foot.

NOTICE

■ Before driving

Fully release the parking brake.

Driving the vehicle with the parking brake set will lead to brake components overheating, which may affect braking performance and increase brake wear.

2-2. Instrument cluster

Gauges and meters



The units used on the speedometer may differ depending on the target region.

The following gauges, meters and display illuminate when the “ENGINE START STOP” switch is in IGNITION ON mode.

- 1** Tachometer
Displays the engine speed in revolutions per minute.
- 2** Speedometer
Displays the vehicle speed.
- 3** Fuel gauge
Displays the quantity of fuel remaining in the tank.
- 4** Engine coolant temperature gauge
Displays the engine coolant temperature.
- 5** Multi-information display
→P.139

6 Odometer and trip meter

▶ Odometer

Displays the total distance the vehicle has been driven.

▶ Trip meter

Displays the distance the vehicle has been driven since the meter was last reset. Trip meters A and B can be used to record and display different distances independently.

Odometer/trip meter and trip meter reset buttons



- 1 Changes the display
- 2 Resets the trip meter driving range to "0".

Instrument panel light control

The brightness of the instrument panel lights excluding the clock and outside temperature display, can be adjusted.



- 1 Brighter
- 2 Darker
- 3 Maximum brightness

Light sensitive optitron meter

To reduce glare or reflection of the instrument cluster, the cluster glass is tinted automatically or manually. You can select a setting from 7 modes.



- 1 Display the present setting, then change the mode.

To change the mode, press the button once and then again within 6 seconds.

Each time you press the button, the mode changes in the following order;

1. "AUTO - Norm"
2. "AUTO - Lo"
3. "AUTO - Hi"
4. "MANUAL - 1"
5. "MANUAL - 2"
6. "MANUAL - 3"
7. "MANUAL - 4"

Mode 1 to 3: The cluster glass tint will be adjusted automatically depending on the intensity of sunlight in the surrounding.

Mode 4 to 7: The cluster glass tint will be fixed when a certain level of sunlight is reached in the surrounding.

("Norm" to "Hi", "1" to "4" referring to the level of cluster glass tint.)

 NOTICE**■ To prevent damage to the engine and its components**

- The engine may be overheating if the engine coolant temperature gauge is in the red zone ("H"). In this case, immediately stop the vehicle in a safe place. Check the engine after it has cooled completely. (→P. 533)
- Do not let the indicator needle of the tachometer enter the red zone, which indicates the maximum engine speed.

■ To activate the light sensitivity function properly

Do not affix a sticker or window tint to the rear window glass, or put an object behind the rear seat.

2-2. Instrument cluster

Indicators and warning lights

The indicator and warning lights on the instrument cluster and center panel inform the driver of the status of the vehicle's various systems.

► Instrument cluster



The units used on the speedometer and some indicators may differ depending on the target region.

► Center panel



■ Indicators

The indicators inform the driver of the operating state of the vehicle's various systems.



Turn signal indicator
(→P. 130)



Damping mode indicator
(→P. 183)

(if equipped)



Headlight high beam indicator (→P. 142)



Shift position and shift range indicators
(→P. 127)



Headlight indicator
(→P. 142)

(U.S.A.)



Cruise control indicator
(→P. 153)



Tail light indicator
(→P. 142)

(Canada)



Intuitive parking assist indicator (→P. 165)

(if equipped)



Fog light indicator
(→P. 145)



Slip indicator (→P. 185)



"AFS OFF" indicator
(→P. 143)

(if equipped)



"VSC OFF" indicator
(→P. 186)



"ECT SNOW" indicator
(→P. 126)



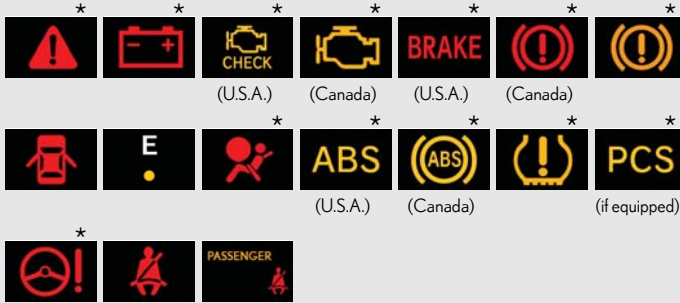
"AIR BAG ON" and "AIR BAG OFF" indicators
(→P. 92)



"ECT PWR" indicator
(→P. 126)

■ Warning lights

Warning lights inform the driver of malfunctions in the indicated vehicle's systems. (→P. 488)



*: These lights turn on when the “ENGINE START STOP” switch is turned to IGNITION ON mode to indicate that a system check is being performed. They will turn off after the engine is on, or after a few seconds. There may be a malfunction in a system if the lights do not come on, or turn off. Have the vehicle inspected by your Lexus dealer.

! CAUTION

■ If a safety system warning light does not come on

Should a safety system light such as ABS and the SRS airbag warning light not come on when you turn to IGNITION ON mode, this could mean that these systems are not available to help protect you in an accident, which could result in death or serious injury. Have the vehicle inspected by your Lexus dealer immediately if this occurs.

Multi-information display

The multi-information display presents the driver with a variety of driving-related data, including the current driving range.



- Trip information (→P. 140)

Displays driving range, fuel consumption and other cruising related information.

- Intuitive parking assist display (if equipped) (→P. 166)

Automatically displayed when using intuitive parking assist.

- Dynamic radar cruise control display (if equipped) (→P. 153)

Automatically displayed when using dynamic radar cruise control.

- Warning messages (→P. 497)

Automatically displayed when a malfunction occurs in one of the vehicle's systems.



Display items can be switched by pushing the “DISP” switch.

Trip information

■ Driving range

RANGE APPROX
771 Mi

Displays the estimated maximum distance that can be driven with the quantity of fuel remaining.

- This distance is computed based on your average fuel consumption. As a result, the actual distance that can be driven may differ from that displayed.
- When only a small amount of fuel is added to the tank, the display may not be updated.

■ Average fuel consumption after refueling

TANK AVG
30.0 MPG

Displays the average fuel consumption since the vehicle was last refueled.

■ Current fuel consumption

CURRENT MPG
0 30 60 90

Displays the current rate of fuel consumption.

■ Outside temperature

OUTSIDE
77 °F

Displays the outside air temperature.

The temperature range that can be displayed is from -40°F (-40°C) to 122°F (50°C).

■ System check display

After switching the “ENGINE START STOP” switch to IGNITION ON mode, “CHECK” is displayed while system operation is checked. When the system check is complete, “COMPLETED” is displayed before returning to the normal screen.

NOTICE

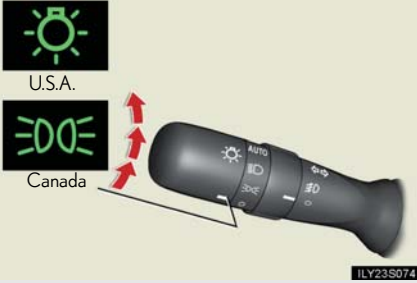
■ The multi-information display at low temperatures


Allow the interior of the vehicle to warm up before using the liquid crystal information display. At extremely low temperatures, the information display monitor may respond slowly, and display changes may be delayed.


2-3. Operating the lights and windshield wipers

Headlight switch

The headlights can be operated manually or automatically.

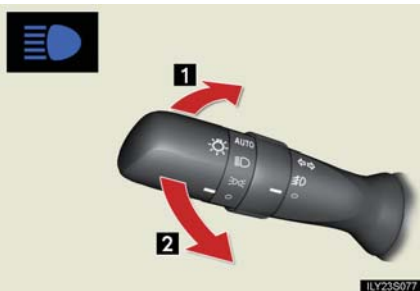


 The side marker, parking, tail, license plate and instrument panel lights turn on.

 The headlights and all lights listed above turn on.

AUTO The headlights and all the lights listed above turn on and off automatically. (When the "ENGINE START STOP" switch is in IGNITION ON mode.)

Turning on the high beam headlights



1 With the headlights on, push the lever forward to turn on the high beams.

Pull the lever back to the center position to turn the high beams off.

2 Pull the lever toward you to turn on the high beams.

Release to turn them off. You can flash the high beams with the headlights on or off.

AFS (Adaptive Front lighting System) (if equipped)

AFS improves visibility at intersections and on curves by automatically adjusting the level of the headlights according to vehicle speed and the degree of the tire angle that are controlled by steering input.

Operates at speeds of 6 mph (10 km/h) or higher.

■ Deactivating AFS



- 1 Press the switch to turn it off.

The **AFS OFF** indicator turns on when the AFS is deactivated.

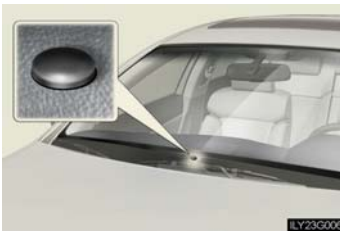
2

When driving

■ Daytime running light system

To make your vehicle more visible to other drivers, the headlights turn on automatically (at a reduced intensity) whenever the engine is started and the parking brake is released. Daytime running lights are not designed for use at night.


■ Headlight control sensor




The sensor may not function properly if an object is placed on the sensor, or anything that blocks the sensor is affixed to the windshield.

Doing so interferes with the sensor detecting the level of ambient light and may cause the automatic headlight system to malfunction.

■ Automatic light off system

The headlights and tail lights turn off 30 seconds after all doors are closed if the “ENGINE START STOP” switch has been switched to ACCESSORY mode or turned OFF while the headlights are turned on. (The lights turn off immediately if the  button on the key is pressed after all doors are locked.)

To turn the lights on again, switch to IGNITION ON mode, or turn the light switch off once and then back to the  or  position.

■ Automatic headlight leveling system

The level of the headlights is automatically adjusted according to the number of passengers and the loading condition of the vehicle to ensure that the headlights do not interfere with other road users.

■ If the indicator flashes...

It may indicate a malfunction in the system. Contact your Lexus dealer.

■ Customization that can be configured at Lexus dealer

Settings (e.g. light sensor sensitivity) can be changed.
(Customizable features →P. 572)

NOTICE

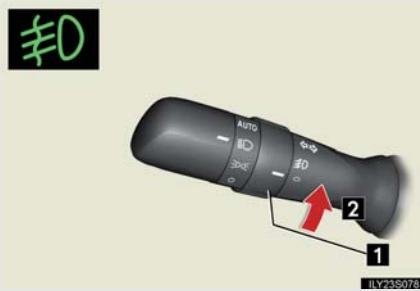
■ To prevent 12 volt battery discharge

Do not leave the lights on longer than necessary when the engine is off.

2-3. Operating the lights and windshield wipers

Fog light switch

The fog lights improve visibility in difficult driving conditions, such as in rain or fog. They can be turned on only when the headlights are on low beam.




- 1 OFF
- 2 ON

2-3. Operating the lights and windshield wipers

Windshield wipers and washer

■ Intermittent wiper with interval adjuster

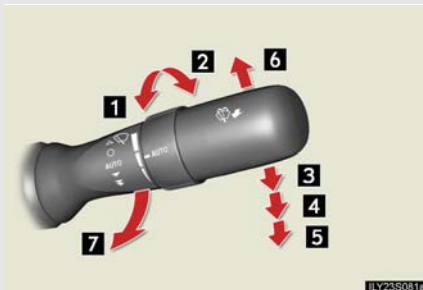
Wiper intervals can be adjusted for intermittent operation (when  is selected).



- 1 Decreases the intermittent windshield wiper frequency
- 2 Increases the intermittent windshield wiper frequency
- 3 Intermittent wiper operation
- 4 Low speed wiper operation
- 5 High speed wiper operation
- 6 Temporary operation
- 7 Wash/wipe operation

■ Rain-sensing windshield wipers

With "AUTO" selected, the wipers will operate automatically when the sensor detects falling rain. The system automatically adjusts wiper timing in accordance with rain volume and vehicle speed.



- 1 Sensor sensitivity (low)
- 2 Sensor sensitivity (high)
- 3 Rain-sensing wiper operation
- 4 Low speed wiper operation
- 5 High speed wiper operation
- 6 Temporary operation
- 7 Wash/wipe operation

■ The windshield wiper and washer can be operated when

The "ENGINE START STOP" switch is in IGNITION ON mode.


■ Dripping prevention wiper sweep


After washing and wiping operation several times, the wipers operate one more time after a short delay to prevent dripping.

However, the last sweep will not happen if the vehicle is traveling above 106 mph (170 km/h).

■ Effects of vehicle speed on wiper operation

Vehicle speed affects the following even when the wipers are not "AUTO" mode.

- Intermittent wiper interval ( mode)
- Wiper operation when the washer is being used (delay until drip prevention wiper sweep occurs)

With  selected, wiper operation will be switched from low speed to intermittent wiper operation only when the vehicle is stationary.

■ Rain drop sensor (vehicles equipped with rain-sensing windshield wipers)



The sensor judges the amount of raindrops.

■ If no windshield washer fluid sprays

Check that the washer nozzles are not blocked if there is washer fluid in the windshield washer fluid reservoir.

■ In extremely hot or cold weather

The system will turn off if the windshield gets extremely hot (at more than 176°F [80°C]) or cold (at less than 14°F [-10°C]).

■ Customization that can be configured at Lexus dealer

Settings (e.g. drip prevention function) can be changed.
(Customizable features →P. 573)

CAUTION

■ Caution regarding the use of windshield wipers in "AUTO" mode

The windshield wipers may operate unexpectedly if the sensor is touched or the windshield is subject to vibration in "AUTO" mode. Take care that your fingers or anything else do not become caught in the windshield wipers.

NOTICE

■ When the windshield is dry

Do not use the wipers, as they may damage the windshield.

■ When there is no washer fluid spray from the nozzle

Damage to the washer fluid pump may be caused if the lever is pulled toward you and held continually.

2-3. Operating the lights and windshield wipers Headlight cleaner switch (if equipped)

Washer fluid can be sprayed on the headlights.



1 Press the switch to clean the headlights.

2

When driving

■ The headlight cleaner can be operated when

The “ENGINE START STOP” switch is in IGNITION ON mode and the headlight switch is turned ON.

NOTICE

■ When the washer fluid tank is empty

Do not use this function, as the washer fluid pump may overheat.

2-4. Using other driving systems

Cruise control

Use the cruise control to maintain a set speed without using the accelerator.

■ Set the vehicle speed



Press the “ON-OFF” button to activate the cruise control.

Press the button once more to deactivate the cruise control.



Accelerate or decelerate to the desired speed and press the lever down to set the cruise control speed.

■ Adjusting the speed setting



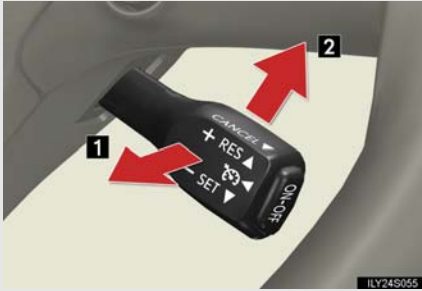
1 Increase speed

2 Decrease speed

Hold the lever until the desired speed setting is obtained.

Fine adjustment of the set speed (approximately 1.0 mph [1.6 km/h]) can be made by lightly pressing the lever up or down and releasing it.

■ Canceling and resuming regular acceleration



1 Cancel

Pull the lever towards you to cancel cruise control.

The setting is also canceled when the brake pedal is depressed.

2 Resume

To resume cruise control and return to the set speed, push the lever up.

2

When driving

■ Cruise control can be set when

- The shift lever is in the “D” or “4”, “5”, “6”, “7” or “8” (GS460) or “4”, “5”, or “6” (GS350) range of “S”.
- Vehicle speed is between approximately 25 mph (40 km/h) and 125 mph (200 km/h).

■ Accelerating

The vehicle can be accelerated normally. After acceleration, the set speed resumes.

■ Automatic cruise control cancellation

The set speed is automatically canceled in any of the following situations.

- Actual vehicle speed falls more than 10 mph (16 km/h) below the preset vehicle speed
At this time, the memorized set speed is not retained.
- Actual vehicle speed is below 25 mph (40 km/h)
- VSC is activated

■ If the cruise control indicator light flashes

Turn the “ON-OFF” button off once, and then reactivate the system.

If the cruise control speed cannot be set or if the cruise control cancels immediately after being activated, there may be a malfunction in the cruise control system. Have the vehicle inspected by your Lexus dealer.

CAUTION

■ To avoid operating the cruise control by mistake

Keep the “ON-OFF” button off when not in use.

■ Situations unsuitable for cruise control

Do not use cruise control in any of the following situations.

Doing so may result in control of the vehicle being lost and could cause serious or fatal accident.

- In heavy traffic
- On roads with sharp bends
- On slippery roads, such as those covered with rain, ice or snow
- On steep hills
Vehicle speed may exceed the set speed when driving down a steep hill.
- On winding roads

2-4. Using other driving systems

Dynamic radar cruise control (if equipped)

Dynamic radar cruise control supplements conventional cruise control with a vehicle-to-vehicle distance control. In the vehicle-to-vehicle distance control mode, the vehicle automatically accelerates or decelerates in order to maintain a set following distance from vehicles ahead.

■ Set the vehicle speed



Press the “ON-OFF” button to activate the cruise control.

Press the button once more to deactivate.



Accelerate or decelerate to the desired speed and press the lever down to set.

■ Selecting conventional constant speed control mode



1 Press the “ON-OFF” button to activate the cruise control.

Press the button once more to deactivate the cruise control.

2 Switch to constant speed control mode.

(Push the lever away from you and hold for approximately 1 second.)

Vehicle-to-vehicle distance control mode is always reset when the “ENGINE START STOP” switch is switched to IGNITION ON mode.

■ Adjusting the speed setting



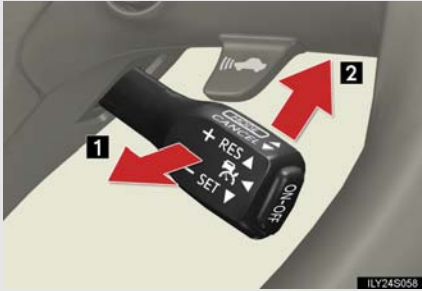
1 Increase speed

2 Decrease speed

Hold the lever until the desired speed setting is displayed.

In the constant speed control mode, fine adjustment of the set speed (approximately 1.0 mph [1.6 km/h]) can be made by lightly pressing the lever up or down and releasing it.

■ Canceling and resuming the speed setting



1 Cancel

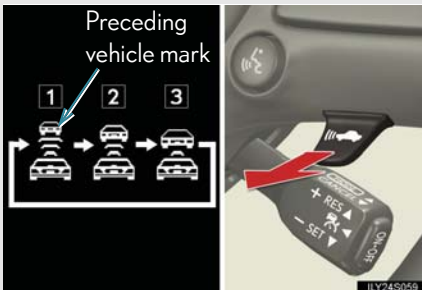
Pull the lever towards you to cancel cruise control.

The setting is also canceled when the brake pedal is depressed.

2 Resume

To resume cruise control and return to the set speed, push the lever up.

■ Changing the vehicle-to-vehicle distance



Each pull of the switch changes the vehicle-to-vehicle distance

1 Long

2 Medium

3 Short

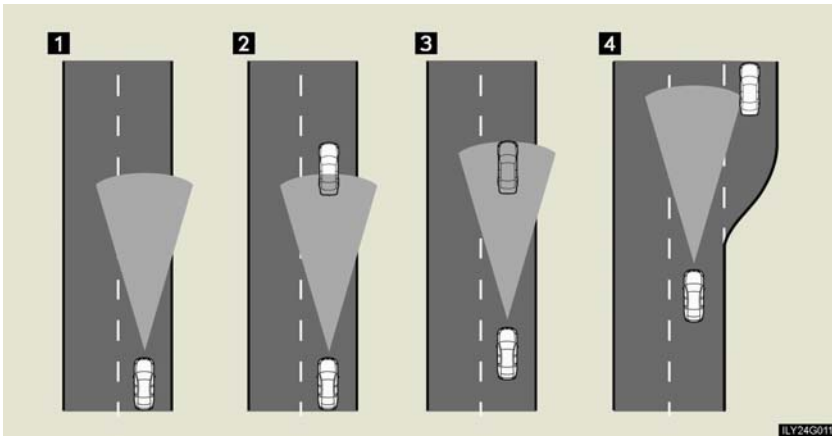
The vehicle-to-vehicle distance is automatically set to the long mode when the "ENGINE START STOP" switch is set to the IGNITION ON mode.

A mark will be displayed to indicate the presence of the vehicle if a vehicle is running ahead of you.

Cruising in vehicle-to-vehicle distance control mode

This mode employs a radar sensor to detect the presence of vehicles within 400 ft. (120 m) ahead and to judge the distance between your vehicle and those vehicles.

Note that vehicle-to-vehicle distance will close when traveling on long downhill slopes.



1 Example of constant speed cruising
When there are no vehicles ahead

The vehicle travels at the speed set by the driver. The desired vehicle-to-vehicle distance can also be set by operating the vehicle-to-vehicle distance switch.

2 Example of deceleration cruising
When the vehicle ahead is driving slower than the set speed

When a vehicle is detected running ahead of you, in the same lane, the system automatically decelerates your vehicle. When a greater reduction in vehicle speed is necessary, the system applies the brakes. A warning tone warns you when the system cannot decelerate sufficiently to prevent your vehicle from closing on the vehicle ahead.

3 Example of follow-up cruising

When following a vehicle driving slower than the set speed

The system continues follow-up cruising while adjusting for changes in the speed of the vehicle ahead in order to maintain the vehicle-to-vehicle distance set by the driver.

4 Example of acceleration

When there are no longer vehicles driving slower than the set speed in the lane ahead

When the vehicle ahead of you executes a lane change, the system slowly accelerates until the set vehicle speed is reached. The system then returns to fixed speed cruising.

Approach warning

When your vehicle is too close to a vehicle ahead, and sufficient automatic deceleration via the cruise control is not possible, the display will flash and buzzer will sound to alert the driver. An example of this would be if another driver cuts in front of you while you are following a vehicle. Apply the brakes to ensure an appropriate vehicle-to-vehicle distance.

■ Warning lights and messages for dynamic radar cruise control

Warning lights, messages and buzzers are used to indicate a system malfunction or to inform the driver of the need for caution while driving. (→P. 500)

■ Switching modes

The mode cannot be switched to constant speed control mode if vehicle-to-vehicle distance control mode has been used. The mode also cannot be switched from constant speed control to vehicle-to-vehicle control mode. Turn the system off by pressing the "ON-OFF" button, and turn it on again.

■ The dynamic radar cruise can be set when

- The shift lever is in “D” or the “4”, “5”, “6”, “7” or “8” (GS460) or “4”, “5” or “6” (GS350) range of “S”.
- Vehicle speed is between approximately 27 mph (43 km/h) and 87 mph (139 km/h).

■ Accelerating

The vehicle can be accelerated normally.

■ Automatically canceling vehicle-to-vehicle distance control

Vehicle-to-vehicle distance control driving is automatically canceled in the following situations.

- Actual vehicle speed falls below 25 mph (40 km/h)
- VSC is activated
- The windshield wipers are operating at high speed
- The mode select switch is set to snow mode
- The sensor cannot operate correctly because it is covered in some way
Vehicle-to-vehicle distance control driving must be reset by turning the “ON-OFF” button on again.

If vehicle-to-vehicle distance control driving is automatically canceled for any other reason, there may be a malfunction in the system. Contact your Lexus dealer.

■ Automatically canceling constant speed control

The set speed is automatically canceled in the following situations.

- Actual vehicle speed is more than 10 mph (16 km/h) below the preset vehicle speed
- Actual vehicle speed falls below 25 mph (40 km/h)
- VSC is activated

■ Vehicle-to-vehicle distance settings

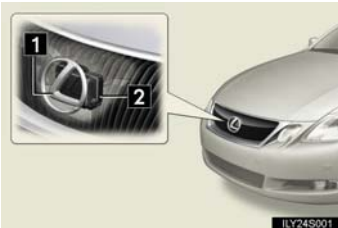
Select a distance from the table below. Note that the distances shown correspond to a vehicle speed of 50 mph (80 km/h). Vehicle-to-vehicle distance increases/decreases in accordance with vehicle speed.

Distance options	Vehicle-to-vehicle distance
Long	Approximately 210 ft. (65 m)
Medium	Approximately 150 ft. (45 m)
Short	Approximately 100 ft. (30 m)

■ Radar sensor and grille cover

Always keep the sensor and grille cover clean to ensure that the vehicle-to-vehicle distance control operates properly. (Some obstructions, such as snow, ice or plastic objects, cannot be detected by the obstruction sensor.)

Dynamic radar cruise control is canceled if an obstruction is detected.



1 Grille cover

2 Radar sensor

■ Certification

- ▶ For vehicles sold in the U.S.A.

FCC WARNING

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.


FCC RF exposure information

This device complies with the FCC RF exposure requirements.

- ▶ For vehicles sold in Canada

Operation is subject to the following two conditions;

- (1) This device may not cause interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation of the device.

 **CAUTION****■ Before using dynamic radar cruise control**

Do not overly rely on vehicle-to-vehicle distance control.

Be aware of the set vehicle speed. If automatic deceleration/acceleration is not appropriate, adjust the vehicle speed, as well as the distance between your vehicle and vehicles ahead by applying the brakes, etc.

■ To avoid operating the dynamic radar cruise control by mistake

Keep the "ON-OFF" button off when not in use.

■ Situations unsuitable for dynamic radar cruise control

Do not use dynamic radar cruise control in any of the following situations.

Doing so may result in inappropriate control of speed and could cause serious or fatal accident.

- In heavy traffic
- On roads with sharp bends
- On winding roads
- On slippery roads, such as those covered with rain, ice or snow
- On steep downhills, where there are sudden changes between sharp up and down gradients
Vehicle speed may exceed the set speed when driving down a steep hill.
- At entrances to expressways
- When weather conditions are bad enough that they may prevent the sensors from functioning correctly (fog, snow, sandstorm, etc.)
- When the approach warning buzzer can be heard often

CAUTION

■ When the radar sensor may not be correctly detecting the vehicle ahead

Apply the brakes as necessary when any of the following types of vehicles are in front of you.

As the sensor may not be able to correctly detect these types of vehicles, the proximity alarm (→P. 506) will not be activated, and an accident may result.

- Vehicles that cut in suddenly
- Vehicles traveling at low speeds
- Vehicles that are not moving
- Vehicles with small rear ends (trailers with no load on board etc.)
- Motorcycles traveling in the same lane

■ Conditions under which the vehicle-to-vehicle distance control may not function correctly

Apply the brakes as necessary in the following conditions as the radar sensor may not be able to correctly detect vehicles ahead, and an accident may result.

- When water or snow thrown up by the surrounding vehicles hinders the functioning of the sensor
- When your vehicle is pointing upwards (caused by a heavy load in the trunk, etc.)
- When the road curves or when the lanes are narrow
- When steering wheel operation or your position in the lane is unstable
- When the vehicle ahead of you decelerates suddenly

 **CAUTION****■ To ensure the radar sensor functions correctly**

Do not do the following to the sensor or grille cover as doing so may cause the sensor not to function correctly and could result in an accident.

- Stick or attach anything to them
- Leave them dirty
- Disassemble, subject them to strong shocks
- Modify or paint them
- Replace them with non-genuine parts

■ Handling the radar sensor

Observe the following to ensure the cruise control system can function effectively.

- Keep the sensor and front grille clean at all times.
Clean the sensor and front grille with a soft cloth so you do not mark or damage them.
- Do not subject the sensor or surrounding area to a strong impact.
If the sensor moves even slightly off position, the system may malfunction. If the sensor or surrounding area is subject to a strong impact, always have the area inspected and adjusted by a Lexus dealer.
- Do not disassemble the sensor.
- Do not attach accessories or stickers to the sensor, grille or surrounding area.
- Do not modify or paint the sensor and grille.

2-4. Using other driving systems

Intuitive parking assist (if equipped)

Intuitive parking assist uses sensors in the front and rear of the vehicle to detect the distance between the vehicle and any obstacles, and informs the driver of this distance using the multi-information display, the touch screen, and warning beeps.

The system may be used at speeds less than about 6 mph (10 km/h).

■ Sensor types



1 Dual sensors

There are 4 sensors installed in the front bumper, two in the center section to detect obstacles directly ahead, and one in each corner of the bumper, to detect obstacles in those areas.

The dual sensors detect obstacles ahead of the vehicle, and judge whether avoidance maneuvers are necessary (whether the obstacle will come within 0.8 ft. [25 cm] of the vehicle), according to the distance between the obstacle and the vehicle, and the steering wheel position. The screen display and beeps will change accordingly.

2 Rear corner sensors

These sensors detect obstacles around the rear corners of the vehicle.

3 Back sensors

These sensors detect obstacles behind the vehicle.

■ Intuitive parking assist switch



- 1 Press the switch to turn the system on/off.

If the intuitive parking assist is turned on, the indicator light will come on, and the system will operate under the following conditions:

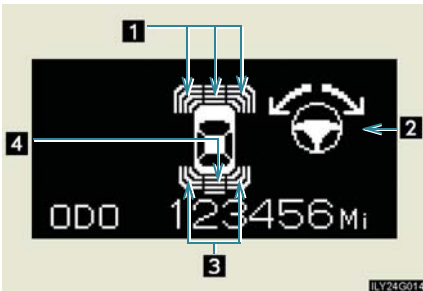
- The dual sensors will operate if the shift lever is in a position other than "R" or "P".
- All corner sensors and the back sensors will operate if the shift lever is in "R".

Multi-information display and touch screen

If the sensors detect an obstacle, it is displayed on the multi-information display in the instrument cluster.

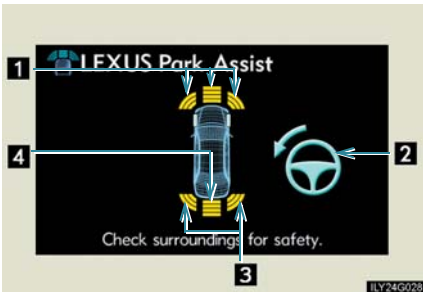
You can change the conditions under which information is displayed on the touch screen. (→P.173)

► Multi-information display



- 1 Dual sensor detection
- 2 Steering guide symbol
- 3 Rear corner sensor detection
- 4 Back sensor detection

► Touch screen














- 1 Dual sensor detection
- 2 Steering guide symbol
- 3 Rear corner sensor detection
- 4 Back sensor detection

If the intuitive parking assist is operated while the rear view monitor is showing, the intuitive parking assist will be shown in the upper right corner of the screen. (→P.169)

Sensor detection display, obstacle distance and beeps







When the intuitive parking assist is activated, the approximate distance to the obstacle is displayed. Also, if an obstacle with which a collision is possible is detected, a warning beep will sound.

Dual sensor









Approximate distance to obstacle	Multi-information display	Touch screen	
		With beeps (danger of collision)	No beeps (no danger of collision)
3.0 ft. (100 cm) to 1.5 ft. (50 cm)	 (continuous)	 (continuous)	 (continuous)
1.5 ft. (50 cm) to 1.1 ft. (37.5 cm)	 (continuous)	 (continuous)	 (continuous)
1.1 ft. (37.5 cm) to 0.8 ft. (25 cm)	 (continuous)	 (continuous)	 (continuous)
Less than 0.8 ft. (25 cm)	 (blinking)	 (continuous)	—

- If the shift lever is in "R", only the corner sensors will detect obstacles.

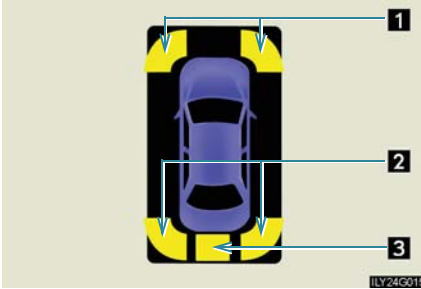
Rear corner sensor

Approximate distance to obstacle	Multi-information display	Touch screen
1.5 ft. (50 cm) to 11 ft. (37.5 cm)	 (continuous)	 (continuous)
11 ft. (37.5 cm) to 0.8 ft. (25 cm)	 (continuous)	 (continuous)
Less than 0.8 ft. (25 cm)	 (blinking)	 (continuous)

Back sensor

Approximate distance to obstacle	Multi-information display	Touch screen
5.0 ft. (150 cm) to 2.0 ft. (60 cm)	 (continuous)	 (continuous)
2.0 ft. (60 cm) to 1.4 ft. (45 cm)	 (continuous)	 (continuous)
1.4 ft. (45 cm) to 1.1 ft. (35 cm)	 (continuous)	 (continuous)
Less than 1.1 ft. (35 cm)	 (blinking)	 (continuous)

Touch screen (insert display)










1 Dual sensor (corner) detection

2 Rear corner sensor detection




3 Back sensor detection

The tire display and the steering guide symbol will not be displayed.





Dual sensor

Approximate distance to obstacle	With beeps (danger of collision)	No beeps (no danger of collision)
3.0 ft. (100 cm) to 1.5 ft. (50 cm)	 (blinking slowly)	 (continuous)
1.5 ft. (50 cm) to 1.1 ft. (37.5 cm)	 (blinking)	 (continuous)
1.1 ft. (37.5 cm) to 0.8 ft. (25 cm)	 (blinking rapidly)	 (continuous)
Less than 0.8 ft. (25 cm)	 (continuous)	—

Rear corner sensor

Approximate distance to obstacle	Touch screen
1.5 ft. (50 cm) to 11 ft. (37.5 cm)	 (blinking)
11 ft. (37.5 cm) to 0.8 ft. (25 cm)	 (blinking rapidly)
Less than 0.8 ft. (25 cm)	 (continuous)

Back sensor

Approximate distance to obstacle	Touch screen
5.0 ft. (150 cm) to 2.0 ft. (60 cm)	 (blinking slowly)
2.0 ft. (60 cm) to 1.4 ft. (45 cm)	 (blinking)
1.4 ft. (45 cm) to 1.1 ft. (35 cm)	 (blinking rapidly)
Less than 1.1 ft. (35 cm)	 (continuous)

Steering guide symbol

Displays the steering maneuvers required to avoid an obstacle. Move the steering wheel in the direction shown by the arrow.



The steering guide symbol only shows the maneuvers necessary to avoid an obstacle.

When using the system, always check your surroundings for safety.

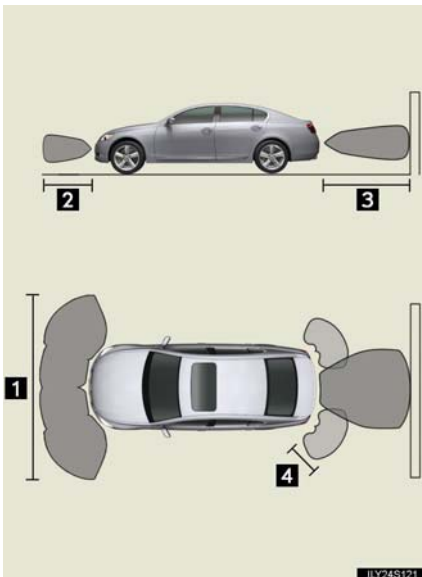
Beeps and obstacle distance

A beep sounds when an obstacle with which there is a danger of collision is detected. As the vehicle moves closer to the obstacle, the interval of the beep becomes shorter.

- When the following obstacle distances are reached, the beep changes from intermittent to continuous:
 - If the distance to the obstacle detected by the dual sensors or rear corner sensors is less than 0.8 ft. (25 cm).
 - If the distance to the obstacle detected by the back sensors is less than 1.1 ft. (35 cm).
- If obstacles are detected by the dual sensors in 2 places at once, or if both rear corner sensors detect obstacles at the same time, the system will sound a warning beep for the closer of the 2 obstacles.

- If multiple obstacles are detected in front and behind the vehicle at the same time, the warning beep will change in the following manner:
 - If an obstacle has been detected within 0.8 ft. (25 cm) of the front or rear of the vehicle (a continuous beep is sounding), and a new obstacle is detected near a different area of the vehicle, the warning beep will sound 6 beeps then one continuous beep.
 - If an obstacle has been detected within 0.8 ft. (25 cm) of the front or rear of the vehicle (a continuous beep is sounding), and a new obstacle is detected within 0.8 ft. (25 cm) of a different area of the vehicle, the warning beeps will sound 2 beeps then one continuous beep.
- You can change the volume of the warning beeps. (→P. 173)

Obstacle detection range



- 1 About 10.0 ft. (300 cm)
- 2 About 3.0 ft. (100 cm)
- 3 About 5.0 ft. (150 cm)
- 4 About 1.5 ft. (50 cm)

The detection area of the sensors is shown to the left.

If obstacles move too close to the sensors, they will not be detected.


If the malfunction screen is displayed, the dual sensor detection range will be shortened from 3.0 ft. (100 cm) to 1.5 ft. (50 cm).


Warning beep volume and touch screen settings

You can change the warning beep volume and touch screen operating conditions.


Press  to display the "Information" screen. Then touch .

■ Changing the warning beep volume



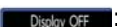
STEP 1 Touch .


STEP 2 Adjust the beep volume, then touch .

■ Changing the touch screen operating conditions

STEP 1 Touch .

STEP 2 Set one of the following operating condition, then touch .

- : Displays when the sensors detect an obstacle.
- : Displays if maneuvers are required to avoid an obstacle (if an obstacle is likely to come within 0.8 ft. [25 cm] of the vehicle).
- : Does not display the intuitive parking assist detection screen.

When an obstacle is detected while the rear view monitor is in use, the warning indicator will appear in the top right of the screen even  has been selected.

■ The intuitive parking assist can be operated when

The "ENGINE START STOP" switch is in the IGNITION ON mode.

■ When the system malfunctions

- If a malfunction occurs and no obstacles have been detected, a warning is displayed, and a malfunction beep sounds for 7 seconds.
If an obstacle has been detected, or another malfunction occurs in a different sensor, the malfunction beeps will not sound.
- In the following circumstances the displayed warning will disappear:
 - If you switch the screen to a different mode.
 - If you turn off the intuitive parking assist main switch.
 - If the vehicle speed exceeds 6 mph (10 km/h). Once the vehicle speed drops below 6 mph (10 km/h), the warning will be displayed again.
- If the malfunction screen is displayed, the detection range of the dual sensors is shortened. In this case, the necessity for obstacle evasion (whether the obstacle will come within 0.8 ft. [25 cm] of the vehicle or not) will not be calculated.

■ When using the intuitive parking assist

- The sensors' detection areas and reaction times are limited. When moving forward or reversing, check the areas surrounding the vehicle (especially the sides of the vehicle) for safety, and drive slowly, using the brake to control the vehicle's speed.
 - The sensors' detection areas are limited to the areas around the vehicle's front and rear bumpers.
 - Depending on the shape of the obstacle and other factors, the detection distance may shorten, or detection may be impossible.
 - There will be a short delay between obstacle detection and display. Even at slow speeds, there is a possibility that the obstacle will come within 0.8 ft. (25 cm) of the vehicle before the display is shown and the warning beep sounds.
 - Braking distance may differ according to the road conditions (rain, gravel etc.).
 - It might be difficult to hear beeps due to the volume of audio system or air flow noise of air conditioning system.
 - For long obstacles such as walls, the obstacle warning may change as the obstacle gets closer.

- In the following situations, the intuitive parking assist may not function correctly, possibly leading to an accident.
 - There is ice, snow or mud on the sensors. (Wiping the sensors will resolve this problem.)
 - The sensor area is frozen. (Thawing the area will resolve this problem.)
In especially cold weather, if a sensor is frozen the screen may show an abnormal display, or obstacles may not be detected.
 - The vehicle angle is especially wide.
 - In harsh sunlight or intense cold weather.
 - When driving on bumpy, sloped or gravel roads, or over grass.
 - If there is something producing ultrasonic waves nearby, such as another vehicle's horn, motorcycle engine noise, air braking sound from heavy-duty vehicles, or another vehicle using the intuitive parking assist.
 - In heavy rain, or if water is splashed on the sensors.
 - If a commercial fender pole or radio antenna is installed.
 - If towing eyelet is installed on your vehicle.
 - If moving towards a high curb or a curb corner.
 - Objects such as signs may cause the detection distance to shorten.
 - The area directly under the bumpers is not detected.
Objects lower than the sensors or thin stakes etc. may be detected initially, but as they draw closer, they may cease to be detected.
 - If obstacles draw too close to the sensor.

■ Obstacles that may not be detected correctly

The following obstacles may not be detected.

- Thin objects such as wire, fencing or rope.
- Objects that absorb sound waves, such as cotton or snow.
- Objects with sharp corners.
- Objects where the upper section projects out over the lower section.
- Low objects.

■ If the display flashes and a message is displayed

→P. 507

■ Certification

- ▶ For vehicles sold in the U.S.A.

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions;

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

- ▶ For vehicles sold in Canada

This ISM device complies with Canadian ICES-001.

Cet appareil ISM est conforme a la norme NMB-001 du Canada.

⚠ CAUTION

■ While driving

To reduce the chance of injury in the event of an accident or sudden stop, keep the switch box closed.

■ When using the intuitive parking assist

Observe the following precautions.

- The back sensors and rear corner sensors do not judge whether there is danger of a collision, nor whether the obstacle can be avoided using the steering wheel. When reversing, always check your surroundings and behind the vehicle for safety.
- The steering guide symbol (arrow) is an approximate guide regarding obstacles. It is not driving instructions. When moving forward or reversing, always check your surroundings for safety and drive carefully.
- Do not install accessories within the sensors' detection areas, as this may cause the intuitive parking assist to function incorrectly, possibly leading to an accident.

NOTICE

■ When using the intuitive parking assist

In the following situations, the system may not function correctly due to a sensor malfunction etc. Have the vehicle checked by your Lexus dealer.

- A beep does not sound when you turn the main switch on.
- The intuitive parking assist operation display flashes, and a beep sound when no obstacle has been detected.
- If the area around a sensor collides with something, or is subjected to strong impact.
- If the bumper collides with something.
- If the display shows continuously without a beep.

■ When changing tires

If you install tires of a size other than that recommended by the manufacturer, the system will be unable to correctly detect steering wheel movement. Always use tire sizes recommended by the manufacturer.

■ When washing the vehicle

When washing the vehicle using high pressure cleaning equipment, do not spray water directly on the sensors. Subjecting the sensors to high pressure impact may cause a malfunction.

2-4. Using other driving systems

Rear view monitor system (if equipped)

The rear view monitor system assists the driver by displaying an image of the view behind the vehicle while reversing. The image is displayed in reverse on the screen. This allows the image to appear in the same manner as that of the rear view mirror.



Rear view image is displayed when the shift lever is in "R".

If you move the lever out of "R", the screen returns to the previous one.



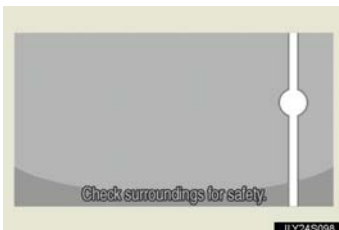
■ Rear view monitor system camera



In the following cases, it may be difficult to see the images on the screen, even when the system is functioning correctly.


- In the dark (e.g. at night).
- If the temperature near the lens is extremely high or low.
- If water droplets get on the camera, or when humidity is high (e.g. when it rains).
- If foreign matter (e.g. snow or mud) get on the camera lens.
- If the sun or headlights are shining directly into the camera lens.

■ Smear effect



If a bright light (for example, sunlight reflected off the vehicle body) is picked up by the camera, a smear effect* peculiar to the camera may occur.

*: Smear effect—A phenomenon that occurs when a bright light (for example, sunlight reflected off the vehicle body) is picked up by the camera; when transmitted by the camera, the light source appears to have a vertical streak above and below it.

 **CAUTION****■ When using the rear view monitor system**

Observe the following precautions to avoid an accident that could result in death or serious injuries.

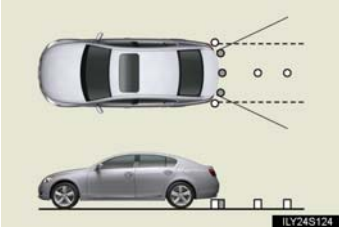
- Never depend solely on the monitor system when reversing.
- Always check visually and with the mirrors to confirm your intended path is clear.
- Depicted distances between objects and flat surfaces differ from actual distances.
- Do not use the system if the trunk is open.

■ Conditions which may affect the rear view monitor system

- If the back of the vehicle is hit, the camera's position and mounting angle may change. Contact your Lexus dealer.
- Rapid temperature changes, such as when hot water is poured on the vehicle in cold weather, may cause the system to function abnormally.
- If the camera lens is dirty, it cannot transmit a clear image. Rinse with water and wipe with a soft cloth. If extremely dirty, wash with a mild cleanser and rinse.
- The displayed image may be darker and moving images may be slightly distorted when the system is cold.

 NOTICE

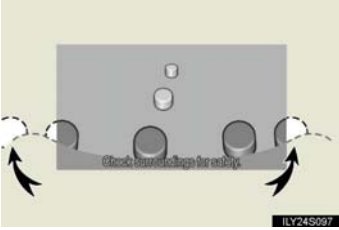
■ Displayed area



The area covered by the camera is limited. Objects which are close to either corner of the bumper or under the bumper cannot be seen on the screen.

The area displayed on the screen may vary according to vehicle orientation or road conditions.

► Corner of bumper



2-4. Using other driving systems

AVS (Adaptive Variable Suspension System) (if equipped)

AVS controls the suspension according to the road and driving conditions. Selecting an optimum driving mode allows good vehicle posture and steering wheel operation in conjunction with VGRS, EPS and active stabilizer suspension system (if equipped).



1 Sports mode

For winding mountain road driving or high speed driving.

2 Normal mode

For normal driving.

2-4. Using other driving systems

Driving assist systems

To help enhance driving safety and performance, the following systems operate automatically in response to various driving situations. Be aware, however, that these systems are supplementary and should not be relied upon too heavily when operating the vehicle.

■ ABS (Anti-lock Brake System)

Helps to prevent wheel lock when the brakes are applied suddenly, or if the brakes are applied while driving on a slippery road surface.

■ Brake assist

Generates an increased level of braking force after the brake pedal is depressed, when the system detects a panic stop situation.

■ VSC (Vehicle Stability Control)

Helps the driver to control skidding when swerving suddenly or turning on slippery road surfaces.

■ TRAC (Traction Control)

Maintains drive power and prevents the rear wheels from spinning when starting the vehicle or accelerating on slippery roads.

■ Hill-start assist control

Helps prevent the vehicle from rolling backwards when starting on an incline or slippery slope. It operates for approximately 5 seconds at maximum.

■ EPS (Electric Power Steering)

Employs an electric motor to reduce the amount of effort needed to turn the steering wheel.

■ Active stabilizer suspension system (if equipped)

Turns at smaller angles to maintain the stable vehicle posture.

■ PCS (Pre-Collision System) (if equipped)

→P.190

■ VGRS (Variable Gear Ratio Steering) (GS460)

Adjusts the wheel turning angle in accordance with the vehicle speed and steering wheel movement.

■ VDIM (Vehicle Dynamics Integrated Management)

Provides integrated control of the ABS, VSC, TRAC, hill-start assist control, VGRS (GS460) and EPS systems.

Maintains vehicle stability when swerving on slippery road surfaces by controlling the brakes, engine output, and the movement of the front wheels.

When the VSC/TRAC/hill-start assist control systems are operating



If the vehicle is in danger of slipping, rolling backwards when starting on an incline, or if the rear wheels (2WD models) or all wheels (4WD models) spin, the slip indicator light flashes to indicate that the VSC/TRAC/hill-start assist control systems have been engaged.

A buzzer (intermittent) sounds to indicate that VSC is operating.

The stop lights and high mounted stoplight turn on when the hill-start assist control system is operating.

The slip indicator light flashes as well when ABS is operating.

To disable TRAC and/or VSC

If the vehicle gets stuck in fresh snow or mud, TRAC and VSC may reduce power from the engine to the wheels. You may need to turn the system off to enable you to rock the vehicle in order to free it.

■ Turning off TRAC only



Quickly push and release the button to turn off TRAC.

The slip indicator light should come on.

Push the button again to turn the system back on.

■ Turning off both TRAC and VSC



Push and hold the button for more than 3 seconds while the vehicle is stopped to turn off TRAC and VSC.

The slip and VSC OFF indicator light should come on.

Push the button again to turn the system back on.

■ Automatic reactivation of TRAC and VSC

Turning the “ENGINE START STOP” switch OFF after turning off the TRAC and VSC systems will automatically re-enable them.

■ Automatic TRAC reactivation

If only the TRAC system is turned off, the TRAC system will turn on when the vehicle speed increases.

■ Automatic TRAC and VSC reactivation

If the TRAC and VSC systems are turned off, the systems will not turn on even when the vehicle speed increases.

■ Sounds and vibrations caused by the ABS, brake assist, VSC, TRAC, hill-start assist control and VGRS (GS460) systems

- A sound may be heard from the engine compartment when the engine is started or just after the vehicle begins to move. This sound does not indicate that a malfunction has occurred in any of these systems.
- Any of the following conditions may occur when the above systems are operating. None of these indicates that a malfunction has occurred.
 - Vibrations may be felt through the vehicle body and steering.
 - A motor sound may be heard after the vehicle comes to a stop.
 - The brake pedal may pulsate slightly after the ABS is activated.
 - The brake pedal may move down slightly after the ABS is activated.

■ Hill-start assist control operating conditions

This system comes into operation under the following conditions after the brake pedal has been depressed and the vehicle has come to a stop:

- The shift lever is in the “D” or “S”.
- The system has detected that the vehicle is moving backwards.
- GS350: The brake pedal is not depressed.

■ Reduced effectiveness of EPS

The effectiveness of EPS is reduced to prevent the system from overheating when there is frequent steering input over an extended period of time. The steering wheel may feel heavy as a result. Should this occur, refrain from excessive steering input or stop the vehicle and turn the engine off. The system should return to normal about 10 minutes.

■ GS460: VGRS is disabled in the following situations

- During stopping or the steering wheel has been moved for a long time while driving at lower speeds.
- After the engine is restarted at less than -22°F (-30°C).

CAUTION

Any of the following conditions may result in an accident which could cause death or serious injury:

■ The ABS does not operate effectively when

- The limits of tire gripping performance have been exceeded.
- The vehicle hydroplanes while driving at high speed on the wet or slick road.

■ Stopping distance when the ABS is operating will exceed that of normal conditions


The ABS is not designed to shorten the vehicle's stopping distance. Always maintain a safe distance from the vehicle in front of you in the following situations.

- When driving on dirt, gravel or snow-covered roads
- When driving with tire chains
- When driving over bumps in the road
- When driving over roads with potholes or roads with uneven roads

■ TRAC may not operate effectively when

Directional control and power may not be achievable while driving on slippery road surfaces, even if the TRAC is operating.

Do not drive the vehicle in conditions where stability and power may be lost.

 **CAUTION****■ The hill-start assist control may not operate effectively when**

- On steep inclines.
- On icy surfaces.

■ When the VSC is activated

The slip indicator light flashes and a warning buzzer sounds. Always drive carefully. Reckless driving may cause an accident. Exercise particular care when the indicator light flashes and a buzzer sounds.

■ When TRAC and VSC are off

Be especially careful and drive at a speed appropriate to the road conditions. As these are systems to ensure vehicle stability and driving force, do not turn off TRAC and VSC unless necessary.

■ Replacing tires

Make sure that all tires are of the same size, brand, tread pattern and total load capacity. In addition, make sure that the tires are inflated to the specified tire pressure level.

The ABS and VSC will not function correctly if different tires are fitted on the vehicle.

Contact your Lexus dealer for further information when replacing tires or wheels.

■ Handling of tires and suspension

Using tires with any kind of problem or modifying the suspension will affect the driving assist systems, and may cause the system to malfunction.

2-4. Using other driving systems

PCS (Pre-Collision System) (if equipped)

Safety systems such as the brakes and seat belts are automatically engaged to lessen impact and injuries to occupants as well as vehicle damage when the radar sensor detects an unavoidable frontal collision.

■ Pre-collision seat belts (front seats only)

The seat belts are immediately retracted as the effect of the pretensioner is increased (→P. 54), to help prepare the driver and passengers. In the event of sudden braking or skidding, the system will operate even if no obstacle has been detected.

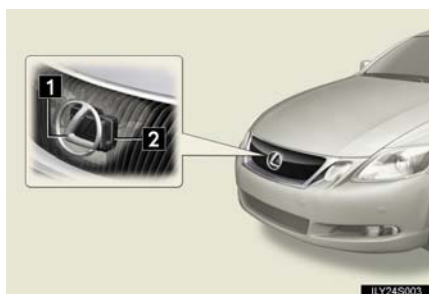
■ Pre-collision brake assist

Applies greater braking force in relation to how strongly the brake pedal is depressed.

■ Pre-collision AVS

If the system determines that the collision is unavoidable, the operation of AVS (→P. 183) helps prevent the vehicle front from going down when hard brakes are applied.

Radar sensor



Detects vehicles or other obstacles on or near the road ahead and determines whether a collision is imminent based on the position, speed, and heading of the obstacles.

- 1 Grille cover
- 2 Radar sensor

■ Obstacles not detected

The sensor cannot detect plastic obstacles such as pylons. There may also be occasions when the radar sensor cannot detect pedestrians, animals, bicycles, motorcycles, trees, or snowdrifts.

■ The pre-collision system is operational when

- Seat belts (linked to the radar sensor)
 - Vehicle speed is above 3 mph (5 km/h).
 - The speed at which your vehicle is approaching the obstacle or oncoming vehicle exceeds 18 mph (30 km/h).
 - The front occupants are wearing a seat belt.
- Seat belts (linked to brake operation)
 - Vehicle speed exceeds 18 mph (30 km/h).
 - The system detects sudden braking or skidding.
 - The front occupants are wearing a seat belt.
- Brake assist
 - Vehicle speed is above 18 mph (30 km/h).
 - The speed at which your vehicle is approaching the obstacle or oncoming vehicle exceeds 18 mph (30 km/h).
 - The brake pedal is depressed.
- AVS
 - Vehicle speed is above 3 mph (5 km/h).
 - The speed at which your vehicle is approaching the obstacle or oncoming vehicle exceeds 18 mph (30 km/h).


■ Conditions that may trigger the system even if there is no danger of collision

- When there is an object by the roadside at the entrance to a curve
- When passing an oncoming vehicle on a curve
- When driving over a narrow iron bridge
- When there is a metal object on the road surface
- When driving on an uneven road surface
- When passing an oncoming vehicle on a left-turn
- When your vehicle rapidly closes on the vehicle in front

When the system is activated in the situations described above there is also a possibility that the seat belts will retract quickly and the brakes will be applied with a force greater than normal. When the seat belt is locked in the retracted position, stop the vehicle in a safe place, release the seat belt and refasten.

■ When there is a malfunction in the system

Warning lights and/or warning messages will turn on or flash. (→P. 489, 499)

 **CAUTION****■ Handling the radar sensor**

Observe the following to ensure the pre-collision system can function effectively.

- Keep the sensor and front grille clean at all times.
Clean the sensor and front grille with a soft cloth so you do not mark or damage them.
- Do not subject the sensor or surrounding area to a strong impact.
If the sensor moves even slightly off position, the system may malfunction. If the sensor or surrounding area are subject to a strong impact, always have the area inspected and adjusted by a Lexus dealer.
- Do not disassemble the sensor.
- Do not attach accessories or stickers to the sensor, grille cover or surrounding area.
- Do not modify or paint the sensor and grille.

■ Limitations of the pre-collision system

Do not rely on the pre-collision system. Always drive safely, taking care to observe your surroundings and checking for any obstacles or other road hazards.

2-5. Driving information

Cargo and luggage

Take notice of the following information about storage precautions, cargo capacity and load.

- Stow cargo and luggage in the trunk whenever possible. Be sure all items are secured in place.
- Be careful to keep the vehicle level. Placing the weight as far forward as possible helps maintain vehicle balance.
- For better fuel economy, do not carry unnecessary weight.

Capacity and distribution

Cargo capacity depends on the total weight of the occupants.

$(\text{Cargo capacity}) = (\text{Total load capacity}) - (\text{Total weight of occupants})$

Steps for Determining Correct Load Limit—

- (1) Locate the statement “The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs.” on your vehicle’s placard.
- (2) Determine the combined weight of the driver and passengers that will be riding in your vehicle.
- (3) Subtract the combined weight of the driver and passengers from XXX kg or XXX lbs.

- (4) The resulting figure equals the available amount of cargo and luggage load capacity.

For example, if the “XXX” amount equals 1400 lbs. and there will be five 150 lb passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs. ($1400 - 750 (5 \times 150) = 650$ lbs.)

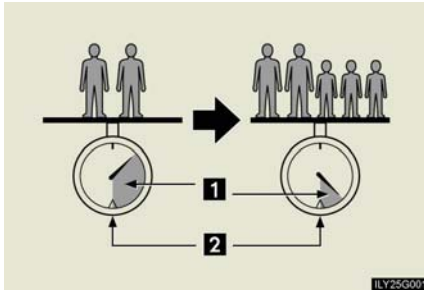
- (5) Determine the combined weight of luggage and cargo being loaded on the vehicle.

That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.

- (6) If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. Consult this manual to determine how this reduces the available cargo and luggage load capacity of your vehicle. (→P. 198)

Lexus does not recommend towing a trailer with your vehicle. Your vehicle is not designed for trailer towing.

Example on your vehicle



- 1 Cargo capacity
- 2 Total load capacity


When 2 people with the combined weight of 366 lb. (166 kg) are riding in your vehicle, which has a total load capacity of 815 lb. (370 kg), the available amount of cargo and luggage load capacity will be as follows:

$$815 \text{ lb.} - 366 \text{ lb.} = 449 \text{ lb.} \quad (370 \text{ kg} - 166 \text{ kg} = 204 \text{ kg})$$

In this condition, if 3 more passengers with the combined weight of 388 lb. (176 kg) get on, the available cargo and luggage load will be reduced as follows:

$$449 \text{ lb.} - 388 \text{ lb.} = 61 \text{ lb.} \quad (204 \text{ kg} - 176 \text{ kg} = 28 \text{ kg})$$

As shown in the above example, if the number of occupants increases, the cargo and luggage load equaling the combined weight of the occupants who got on later, by an amount. In other words, if an increase in the number of occupants causes an excess of the total load capacity (combined weight of occupants plus cargo and luggage load), you must reduce the cargo and luggage on your vehicle.

 **CAUTION****■ Things that must not be carried in the trunk**

The following things may cause a fire if loaded in the trunk.

- Receptacles containing gasoline
- Aerosol cans

■ Storage precautions

- Do not place anything on the package tray behind the rear seatback. Such items may be thrown about and possibly injure people in the vehicle during sudden braking or in an accident.
- Do not drive with objects on top of the instrument panel. They may interfere with the driver's field of view or move during sharp acceleration or turning, thus impairing the driver's control of the vehicle. In an accident they may injure the vehicle occupants.
- Secure all items in the occupant compartment, as they may shift and injure someone during an accident or sudden braking.

■ Weight of the load

- Improper loading may cause deterioration of steering or braking control resulting in an accident which may cause death or serious injury.
- Do not exceed the maximum axle weight rating or the total vehicle weight rating.
- Even if the total load of occupant's weight and the cargo load is less than the total load capacity, do not apply the load unevenly. Improper loading may cause deterioration of steering or braking control which may cause death or serious injury.

2-5. Driving information

Vehicle load limits

Vehicle load limits include total load capacity, seating capacity, towing capacity and cargo capacity.

■ Total load capacity: 815 lb. (370 kg)

Total load capacity means the combined weight of occupants, cargo and luggage.

■ Seating capacity: 5 occupants (Front 2, Rear 3)

Seating capacity means the maximum number of occupants whose estimated average weight is 150 lb. (68 kg) per person.

Even if the number of occupants are within the seating capacity, do not exceed the total load capacity.

■ Towing capacity

Lexus does not recommend towing a trailer with your vehicle.

■ Cargo capacity

Cargo capacity may increase or decrease depending on the weight and the number of occupants.

■ Total load capacity and seating capacity

These details are also described on the tire and loading information label. (→P. 431)

CAUTION

■ Overloading the vehicle

Do not overload the vehicle.

It may not only cause damage to the tires, but also degrade steering and braking ability, resulting in an accident.

Carry out the necessary preparations and inspections before driving the vehicle in winter. Always drive the vehicle in a manner appropriate to the prevailing weather conditions.

■ Pre-winter preparations

- Use fluids that are appropriate to the prevailing outside temperatures.
 - Engine oil
 - Engine coolant
 - Washer fluid
- Have a service technician inspect the level and specific gravity of battery electrolyte.
- Have the vehicle fitted with four snow tires or purchase a set of tire chains for the rear tires.

Ensure that all tires are the same size and brand, and that chains match the size of the tires.

■ Before driving the vehicle

Perform the following according to the driving conditions.

- Do not try to forcibly open a window or move a wiper that is frozen. Pour warm water over the frozen area to melt the ice. Wipe away the water immediately to prevent it from freezing.
- To ensure proper operation of the climate control system fan, remove any snow that has accumulated on the air inlet vents in front of the windshield.
- Remove any ice that has accumulated on the vehicle chassis.
- Periodically check for and remove any excess ice or snow that may have accumulated in the wheel well or on the brakes.

■ When driving the vehicle

Accelerate the vehicle slowly and drive at a reduced speed suitable to road conditions.

■ When parking the vehicle

Park the vehicle and move the shift lever to "P" without setting the parking brake. The parking brake may freeze up, preventing it from being released.

Regulations on the use of snow chains

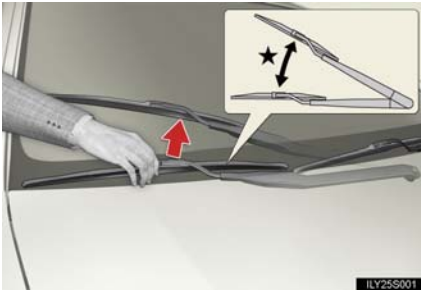
- Regulations regarding the use of tire chains vary according to location and type of road. Always check local regulations before installing chains.
- Use SAE Class "S" type radial tire chains, with the exception of radial cable chains or V-bar type chains.
 - Install the chains on the rear tires.
 - Refer to the explanation that comes with the tire chains for installation instructions.
- Retighten the chains after driving 1/4 - 1/2 mile (0.5 - 1.0 km).

Shifting the windshield wiper position

You can shift the wipers to the rest position manually. (In heavy snow or icy condition etc.)

Grip the hook section of the wiper arm firmly when shifting the wiper position.

► To rest position



Raise the wiper in line with the windshield.

You can stand the wipers up for the rest position.

*: More than 3.9 in. (10 cm)

► To retract position



Lower the wipers by pressing on the upper part of the hook section.

■ Snow chain installation

Observe the following precautions when installing and removing chains.

- Install and remove tire chains in a safe location.
- Install tire chains on the rear tires only. Do not install tire chains on front tires.
- Install tire chains following the instructions provided in the accompanying instructions.

CAUTION

■ Driving with snow tires

Observe the following precautions to reduce the risk of accidents.

Failing to do so may result in a loss of vehicle control and cause death or serious injury.

- Use tires of the size specified for your vehicle.
- Maintain the specified level of tire inflation pressure.
- Do not drive in excess of 75 mph (120 km/h), regardless of the type of snow tires being used.
- Use snow tires on all, not just some wheels.

■ Driving with snow chains

Observe the following precautions to reduce the risk of accidents.

Failing to do so may result in the vehicle being unable to be driven safely, and may cause death or serious injury.

- Do not drive in excess of the speed limit specified for the tire chains being used, or 30 mph (50 km/h), whichever is lower.
- Avoid driving on bumpy road surfaces or over potholes.
- Avoid sudden turns and braking, as use of chains may adversely affect vehicle handling.
- Slow down sufficiently before entering a curve to ensure that vehicle control is maintained.

 NOTICE**■ Repairing or replacing snow tires**

Request repairs of and obtain replacement snow tires from Lexus dealers or legitimate tire retailers.

This is because the removal and attachment of snow tires affects the operation of the tire pressure warning valves and transmitters.

■ Fitting tire chains

The tire pressure warning valves and transmitters may not function correctly when tire chains are fitted.

2-5. Driving information

Trailer towing

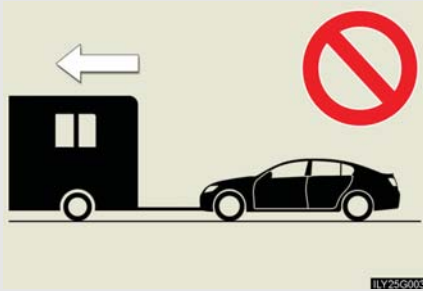
Lexus does not recommend towing a trailer with your vehicle. Lexus also does not recommend the installation of a tow hitch or the use of a tow hitch carrier for a wheelchair, scooter, bicycle, etc. Your Lexus is not designed for trailer towing or for the use of tow hitch mounted carriers.



2-5. Driving information

Dinghy towing

Your vehicle is not designed to be dinghy towed (with 4 wheels on the ground) behind a motor home.



NOTICE

■ **To avoid serious damage to your vehicle**

Do not tow your vehicle with 4 wheels on the ground.

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3-1. Using the touch screen

Touch screen


By touching the screen with your finger, you can control the audio system and air conditioning, adjust the screen display etc.

► With navigation system



► Without navigation system



The "Information" screen shown in the above illustration is displayed when  is pressed.

Switches	Page
"CLIMATE"	P. 217
"AUDIO"	P. 226
"INFO" (Displaying the "Information" screen)	P. 208
"DISP" (Adjusting the display)	P. 213
Trip Information (Displaying the "Trip Information" screen)	P. 210
Maintenance	Navigation System Owner's Manual
Telephone	P. 296
Calendar	Navigation System Owner's Manual
"LEXUS Park Assist"	P. 173
Language	P. 212
Screen Setting	P. 215
Beep Off	P. 212
Adjust Clock	P. 349/ Navigation System Owner's Manual

The initial screen




If the “ENGINE START STOP” switch is set to ACCESSORY or IGNITION ON mode, the initializing screen will be displayed for a few seconds as the system starts up.

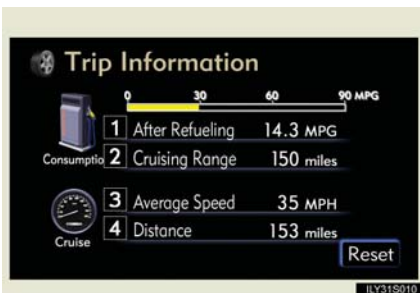
Trip information

Trip information such as driving distance, average vehicle speed, fuel consumption, etc. can be displayed on the screen. The displayed figure is for general information and may not always reflect precise and actual conditions.

■ Displaying the screen


STEP 1 Press .

STEP 2 Touch  on the “Information” screen.



- 1 Average fuel consumption
- 2 Cruising range
- 3 Average vehicle speed
- 4 Total distance

■ Resetting the data

Touching  will reset the "Average Speed" and "Distance".

■ To avoid damaging the touch screen

- Touch the screen lightly with your finger. If there is no response, remove your finger from the screen and try again.
- Remove any dirt on the screen by wiping with a soft cloth. Do not use detergent.

■ When using the touch screen

- If the screen is cold, the display may be dark, or the system may seem to be operating slightly slower than normal.
- The screen may seem dark and hard to see when viewed through sunglasses. Change your angle of viewing, adjust the display on the "Display" screen or remove your sunglasses.

3-1. Using the touch screen


Setting the touch screen

You can change the touch screen to your desired settings.

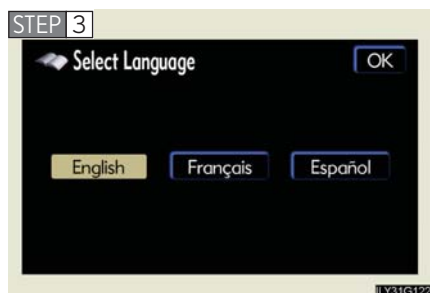
Language settings

The language used for all voice guidance, messages and touch screen switches may be changed.

STEP 1 Press .

STEP 2 Touch  on the "Information" screen.

STEP 3 Select the desired language.



STEP 4 Touch .

Turning off the beep sound

The beep that sounds when a touch screen button is touched can be turned off.

STEP 1 Press .

STEP 2 Touch .



Adjusting the display

STEP 1 Press **DISP.**

STEP 2 Adjust the display as desired using **R / -** and **G / +**.

If you do not touch the screen for 20 seconds, the system will return to the previous screen.

► With CD player



► With DVD player



	R / -	G / +
Color	Red	Green
Tone	Lighter	Darker
Contrast	Weaker	Stronger
Brightness	Darker	Brighter

■ “Day Mode”



When the headlights are turned on, the screen dims. However the screen can be switched to “Day Mode”.

The screen will stay in “Day Mode” when the headlights are turned on until **Day Mode** is touched again.


If the instrument panel light control is set to “MAX”, “Day Mode” is not displayed.

■ To turn off the picture display

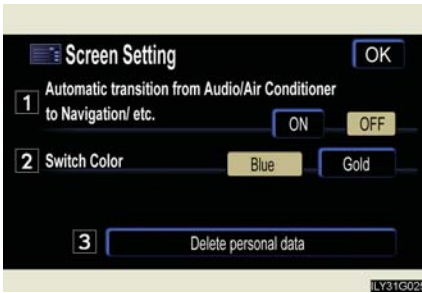
If **Screen Off** is touched, the screen display is turned off, and guidance is by voice only.

Screen settings

STEP 1 Press .

STEP 2 Touch  on the "Information" screen.

The following screen settings can be changed.



1 Automatic transition

20 seconds after air conditioning or audio system use, the system will return the display to the previous screen.

2 Switch color

You can select the switch color.

3 Delete personal data

The following personal data is deleted:

- User selection settings
- Phone book data
- Dialed numbers and received calls
- Speed dial
- Bluetooth[®] phone data
- Security code
- Maintenance conditions*
- Maintenance information off setting*
- Memory points*
- Areas to avoid*
- Previous points*
- Route trace*

*: If the navigation system is equipped

■ Setting automatic transition

STEP 1 Touch **ON** or **OFF** .

STEP 2 Press **OK** .

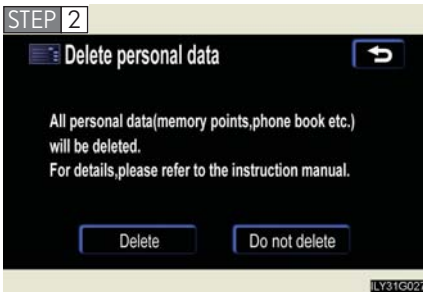
■ Setting the switch color

STEP 1 Touch **Blue** or **Gold** .

STEP 2 Press **OK** .

■ To delete personal data

STEP 1 Touch **Delete personal data** .



Touch **Delete** .

Check carefully beforehand, as data cannot be retrieved once initialized.

■ When deleting personal data

Data can only be deleted when the vehicle is stopped.

■ When selling the vehicle

Be sure to initialize both the call history and personal data. (→P. 215)


■ If you touch

The display returns to the previous screen.


3-2. Using the air conditioning system and defogger

Automatic air conditioning system

Airflow and outlets are automatically adjusted according to the temperature setting.

Press  to display the air conditioning operation screen.



The above illustration is for a vehicle equipped with the navigation system. The position of  is slightly different for vehicles not equipped with the navigation system.


Using the automatic mode

STEP 1 Press .

➔ The air conditioning system will begin to operate. Air outlets and fan speed are automatically adjusted according to the temperature setting.

STEP 2 Press  to switch to automatic mode.


➔ Automatically switches between outside air and recirculated air modes.


STEP 3 Press \wedge to increase the temperature and \vee to decrease the temperature on .

The temperature for the driver and passenger seats can be set separately.

Adjusting the settings

■ Adjusting the temperature setting


Press \wedge to increase the temperature and \vee to decrease the temperature on .

Press \wedge (increase) or \vee (decrease) on  to separately adjust the temperature for the passenger and driver sides (dual mode). Touch **DUAL** to return the driver and passenger side temperatures to the same setting (simultaneous mode).

The air conditioning system switches between dual and simultaneous modes each time **DUAL** is touched.

■ Adjusting the fan speed

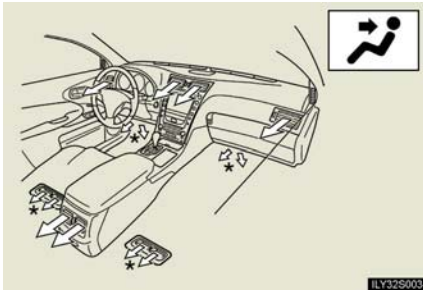
Touch any switch of  (decrease ↔ increase) on the operating screen.

Press  to turn the fan off.

■ Changing the air outlets

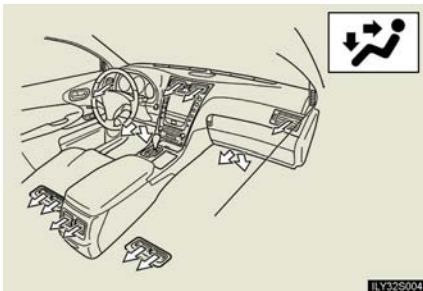


Touch any mode on the operating screen.



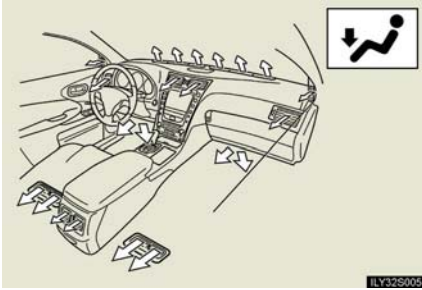
Air flows to the upper body.

*: Only in the automatic mode

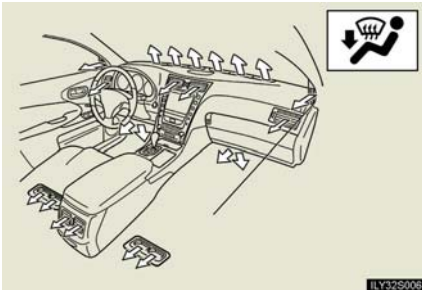


Air flows to the upper body and feet.

3-2. Using the air conditioning system and defogger





Air flows to the feet.



Air flows to the feet and the windshield defogger operates.

■ Switching between outside air and recirculated air modes

Press  .

The mode switches between  (recycles air inside the vehicle), "AUTO" and  (introduces air from outside the vehicle) modes each time the button is pressed.

When the system is switched to automatic mode, the air conditioning system operates automatically.

Defogging the windshield




Press .

The air conditioning system control operates automatically.


Micro dust and pollen filter




Press .

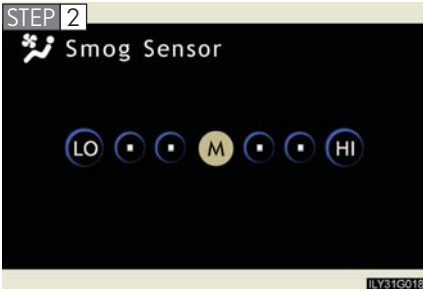
Outside air mode switches to  (recirculated air) mode. Pollen is removed from the air and the air flows to the upper part of the body.


Usually the system will turn OFF automatically approximately 3 minutes later.

To stop the operation, press  again.

Adjusting the sensitivity of the air intake control in automatic mode

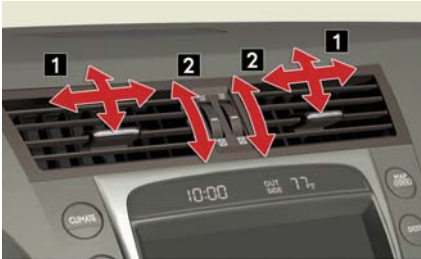
STEP 1 Press  until the smog sensor screen appears while the vehicle is stopped.



Touch any switch of  (lower sensitivity ↔ higher sensitivity) on the operating screen.

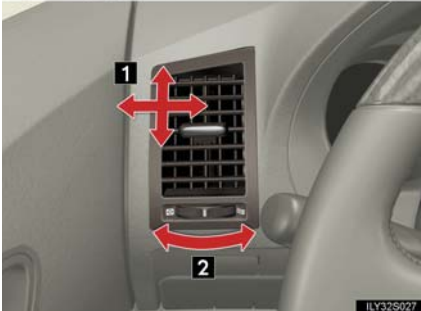
Adjusting the position of and opening and closing the air outlets

► Front outlets

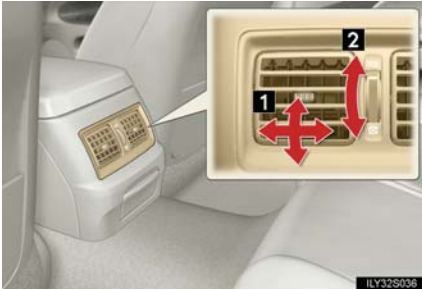


1 Direct air flow to the left or right, up or down

2 Turn the knob to open or close the vent



► Rear seat outlets



- 1 Direct air flow to the left or right, up or down
- 2 Turn the knob to open or close the vent

■ Using the automatic mode


Fan speed is adjusted automatically in accordance with the temperature setting and ambient conditions. As a result, the following may occur.

- The system may switch automatically to recirculated mode when the coolest temperature setting is selected in summer.
- Immediately after the switch is pressed, the fan may stop for a while until warm or cool air is ready to flow.
- Cool air may flow to the area around the upper body when the heater is on.


■ Using the system in recirculated air mode

The windows will fog up more easily if the recirculated air mode is used for an extended period.

■ Window defogger feature

Recirculated air mode may automatically switch to  (outside air) mode in situations where the windows need to be defogged.

■ Outside temperature approaches 32°F (0°C)

The air conditioning system may not operate even when  is touched.


■ Automatic mode for air intake control

In automatic mode, the system detects exhaust gas and other pollutants and automatically switches between outside air and recirculated air modes.

When the air conditioning is off, and the fan is operating, turning the auto mode ON will activate the air conditioning system.


■ Micro dust and pollen filter

● In order to prevent the windows from fogging up when the outside air is cold, the following may occur.

- Outside air mode does not switch to .
- The air conditioning system operates automatically.
- The operation cancels after 1 minute.


● In rainy weather, the windows may fog up. Press .

■ When the indicator light on flashes

Touch  and turn off the air conditioning system before turning it on once more. There may be a problem in the air conditioning system if the indicator light continues to flash. Turn the air conditioning system off and have it inspected by your Lexus dealer.

CAUTION

■ To prevent the windshield from fogging up

Do not use  during cool air operation in extremely humid weather. The difference between the temperature of the outside air and that of the windshield can cause the outer surface of the windshield to fog up, blocking your vision.

NOTICE

■ To prevent 12 volt battery discharge

Do not leave the automatic air conditioning system on longer than necessary when the engine is off.

3-2. Using the air conditioning system and defogger

Rear window and outside rear view mirror defoggers

These features are used to defog the rear window, and to remove raindrops, dew and frost from the outside rear view mirrors.



Press the button.

Press the button to turn on the rear window and outside rear view mirror defoggers. The defoggers will automatically turn off after approximately 15 minutes. Pressing the button again also turns the defoggers off.

■ Operating conditions

The “ENGINE START STOP” switch must be in the IGNITION ON mode.

⚠ CAUTION

■ When the outside rear view mirror defoggers are on

Do not touch the rear view mirror surfaces, as they can become very hot and burn you.

⚠ NOTICE

■ To prevent 12 volt battery discharge

Turn the defoggers off when the engine is off.


3-3. Using the audio system

Audio system type

CD and (optional) DVD player with changer, cassette player, and AM/FM radio

This illustration below is for a vehicle equipped with the DVD player.



The audio system appearance and screen may differ slightly for vehicles not equipped with the DVD player. In addition, the position of  is slightly different for vehicles not equipped with the navigation system.

CD player: Plays audio CDs, CD text, MP3 discs and WMA discs.

DVD player: Plays audio CDs, CD text, video CDs, MP3 discs, WMA discs, DVD video discs and DVD audio discs.

Title	Page
Using the radio	P. 229
Using the cassette player	P. 238
Using the CD player	P. 242
Playing MP3 and WMA discs	P. 247
Using the DVD player	P. 251
Playing DVD video/audio	P. 254
Playing video CD	P. 266
DVD player and DVD video disc information	P. 270
Optimal use of the audio/video system	P. 282
Using the AUX adapter	P. 287
Using the steering switches	P. 288

■ Using cellular phones

Interference may be heard through the audio system's speakers if a cellular phone is being used inside or close to the vehicle while the audio system is operating.

 **CAUTION**

■ **For vehicles sold in the U.S.A. and Canada**

- Part 15 of the FCC Rules

FCC Warning:

Any unauthorized changes or modifications to this equipment will void the user's authority to operate this device.

- Laser products

- Do not take this unit apart or attempt to make any changes yourself. This is an intricate unit that uses a laser pickup to retrieve information from the surface of compact discs. The laser is carefully shielded so that its rays remain inside the cabinet. Therefore, never try to disassemble the player or alter any of its parts since you may be exposed to laser rays and dangerous voltages.
- This product utilizes a laser. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

 **NOTICE**

■ **To prevent 12 volt battery discharge**

Do not leave the audio system on longer than necessary with the engine off.

■ **To avoid damaging the audio/video system**

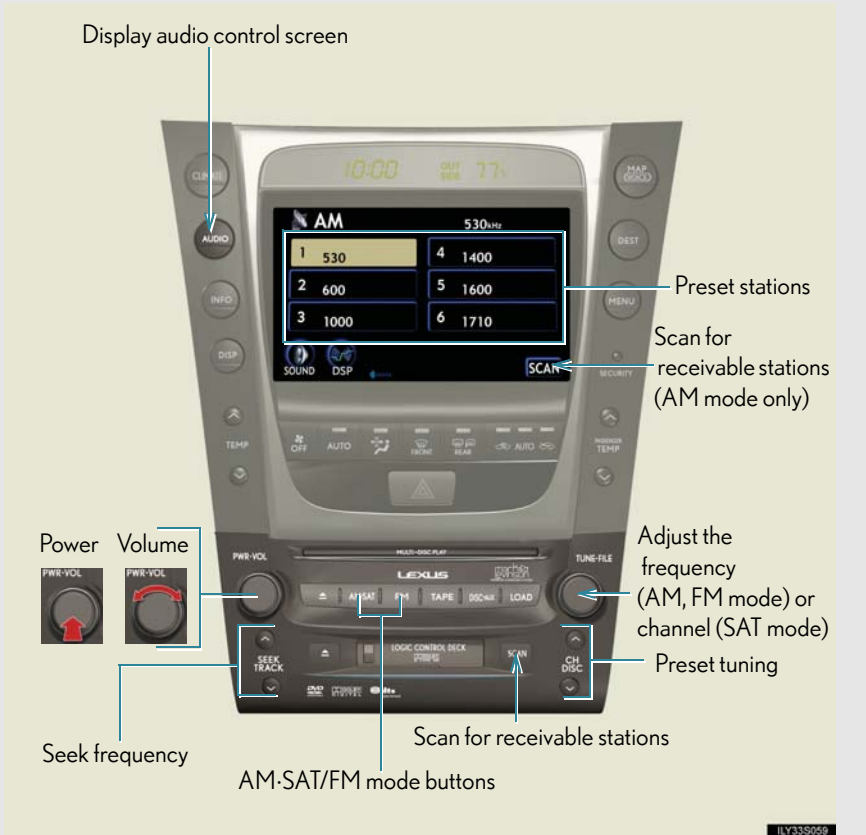
Take care not to spill drinks or other fluids over the audio system.

3-3. Using the audio system

Using the radio

Press **AM/SAT** or **FM** to choose either an AM or FM band.

When you press **AUDIO** while listening to the radio, the following audio control screen appears.



Setting station presets (excluding XM[®] Satellite Radio)

STEP 1 Search for desired stations by turning  or pressing





STEP 2 Touch and hold one of the preset stations (1 - 6) until you hear a beep.



Scanning radio stations (excluding XM[®] Satellite Radio)

■ Scanning the preset radio stations


● AM station

STEP 1 Touch  on the screen or press  until "P-SCAN" appears.

Preset stations will be played for a few seconds each.

STEP 2 When the desired station is reached, touch  or press  once again.

● FM station

STEP 1 Press  until "P-SCAN" appears.

STEP 2 When the desired station is reached, press the button once again.

■ Scanning all radio stations within range

● AM station

STEP 1 Touch **SCAN** on the screen or press **SCAN**.

“SCAN” appears on the screen and all stations with reception will be played for a few seconds each.

STEP 2 When the desired station is reached, touch **SCAN** or press **SCAN** once again.

● FM station

STEP 1 Press **SCAN**.

“SCAN” appears on the screen and all stations with reception will be played for a few seconds each.

STEP 2 When the desired station is reached, press the button once again.

RDS (Radio Data System)

This feature allows your radio to receive station identification information and program information (classical, jazz, etc.) from radio stations which broadcast this information.

■ Receiving RDS broadcasts

STEP 1



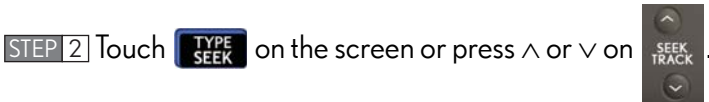
Touch **TYPE** or **TYPE** on the screen.

The type of program changes each time the button is pressed.

- ROCK
- EASYLIS (Easy listening)
- CLS/JAZZ (Classical music and Jazz)
- R & B (Rhythm and Blues)
- INFORM (Information)
- RELIGION
- MISC (Miscellaneous)
- ALARM (Emergency messages)

If the system receives no RDS stations, “NO PTY” appears on the display.

When a program is set, “TYPE SEEK” appears.



The radio seeks or scans the station by the relevant program type.

If no radio station of that type is found, “NOTHING” appears on the screen.

■ Displaying radio text messages



Touch **MSG** on the screen.

If “MSG” appears on the screen, a text message may be displayed.

■ Traffic announcement



Touch **TRAF** on the screen.

“TRAF SEEK” appears on the display, and the radio will start seeking any station broadcasting traffic program information.

If no traffic program station is found, “NOTHING” appears on the display.

XM[®] Satellite Radio (if equipped)

■ Receiving XM[®] Satellite Radio




Press **AM-SAT** until “SAT” appears on the screen.

The display changes as follows each time the switch is pressed.

AM → SAT1 → SAT2 → SAT3

STEP 2 Turn  to select a desired channel from all the categories or

press \wedge or \vee on  to select a desired channel in the current category.

■ Presetting XM[®] Satellite Radio channels



Select the desired channel. Touch one of the preset stations (1 - 6) and hold it until you hear a beep.


■ Changing the channel category

Touch  or  on the screen.



■ Scanning XM[®] Satellite Radio channels


● Scanning channels in the current category

STEP 1 Touch  on the screen or press  .
“SCAN” appears on the screen.

STEP 2 When the desired channel is reached, touch  or press the button once again.

● Scanning preset channels

STEP 1 Touch  on the screen or press  and hold it until you hear a beep.
“P.SCAN” appears on the screen.

STEP 2 When the desired channel is reached, touch  or press the button once again.

■ Displaying the title and artist name

Touch  on the screen.

The screen will display up to 16 characters.

Touch the button once again to return to the previous screen.



■ When the 12 volt battery is disconnected

All preset stations are erased.

■ Reception sensitivity

- Maintaining perfect radio reception at all times is difficult due to the continually changing position of the antenna, differences in signal strength and surrounding objects, such as trains, transmitters, etc.
- The radio antenna is mounted inside the rear window. To maintain clear radio reception, do not attach metallic window tinting or other metallic objects to the antenna wire mounted inside the rear window.


■ Receiving XM[®] Satellite Radio

The optional Lexus genuine satellite radio tuner and antenna allows you to receive and play XM[®] Satellite Radio broadcasts. (Subscription is required. Not available in Hawaii and Alaska.)*

● XM[®] subscriptions

For detailed information about XM[®] Satellite Radio or to subscribe, visit XM[®] on the web at www.xmradio.com or call (800) 967-2346.

● Radio ID

You will need the radio ID when activating XM[®] service or reporting a problem. Select "CH000" using the  dial, and the receiver's 8-character ID number will appear.

● Satellite tuner

The tuner supports only Audio Services (Music and Talk) and the accompanying Text Information of XM[®] Satellite Radio.

*: Terms and services provided by XM[®] Satellite Radio are subject to change without notice.

■ If the satellite radio does not operate normally

If a problem occurs with the XM[®] tuner, a message will appear on the screen. Refer to the table below to identify the problem, and take the suggested corrective action.

ANTENNA	The XM [®] antenna is not connected. Check whether the XM [®] antenna cable is attached securely.
	There is a short-circuit in the antenna or the surrounding antenna cable. See a Lexus certified dealer.
UPDATING	You have not subscribed to XM [®] Satellite Radio. The radio is being updated with the latest encryption code. Contact XM [®] Satellite Radio for subscription information. When a contract is canceled, you can choose "CH000" and all free-to-air channels.
	The premium channel you selected is not authorized. Wait for about 2 seconds until the radio returns to the previous channel or "CH001". If it does not change automatically, select another channel. If you want to listen to the premium channel, contact XM [®] Satellite Radio.
NO SIGNAL	The XM [®] signal is too weak at the current location. Wait until your vehicle reaches a location with a stronger signal.
LOADING	The unit is acquiring audio or program information. Wait until the unit has received the information.
OFF AIR	The channel you selected is not broadcasting any programming. Select another channel.

---	There is no song/program title or artist name/feature associated with the channel at that time. No action needed.
---	The channel you selected is no longer available. Wait for about 2 seconds until the radio returns to the previous channel or "CH001". If it does not change automatically, select another channel.

Contact the XM[®] Listener Care Center at (800) 967-2346 during the following hours*.

Monday - Saturday: 6 a.m. - 2 a.m. Eastern Time

Sunday: 8 a.m. - 8 p.m. Eastern Time

*: Subject to change without notice.

■ Certifications for the radio tuner

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by trying one or more of the following:

- Reorienting or relocating the receiving antenna.
- Increasing the separation between the equipment and receiver.
- Connecting the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consulting the dealer or an experienced radio/TV technician for help.

3-3. Using the audio system

Using the cassette player

Insert a cassette tape or press **TAPE** with a tape inserted.

When you press **AUDIO** while listening to the tape, the following audio control screen appears.



Selecting a track

■ Skip a number of tracks at a time

STEP 1 Press \wedge on



STEP 2



Press \wedge until the number you want to skip appears.

9 tracks can be skipped at a time.

■ Rewind a number of tracks at a time

STEP 1 Press \vee on



STEP 2



Press \vee until the number you want to rewind appears.


9 tracks can be rewound at a time.

Note that the number includes the current track.




Using Dolby® Noise Reduction




Touch  on the screen.

Reduces the level of noise for tapes recorded with Dolby NR only.

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

■ Canceling noise reduction, skip play, repeat play, rewind and fast forward

To cancel ,  and : Touch the corresponding button on the screen.

To cancel  and : Touch the corresponding button on the screen or press .

■ 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.

■ When the cassette player does not operate correctly due to the cassette recording conditions

Forwarding to the beginning of a track, repeat, blank tape skip and fast-forward may not be possible in the following situations:

- The interval between tracks is less than 3 seconds (beginning of track and repeat playback) or less than 15 seconds (blank tape skip).
- When there is noise between 2 tracks.
- The beginning and end of subsequent tracks are not clearly defined.

■ Cleaning the cassette player

Cassette player components (heads, capstan, pinch rollers) should be cleaned at least once a month using a cleaning tape to remove dirt and dust that can easily build up.

■ Using long playing cassette tapes

Avoid using tapes with a length of more than 90 minutes, as the tape used is very thin and may become tangled in the cassette player.

NOTICE

■ Cassette tapes that cannot be used

Do not use a cassette tape if it has been damaged or tangled or if its label is peeling off. Such tapes may affect playing speed and may also get stuck in the player.

■ Cassette player precautions

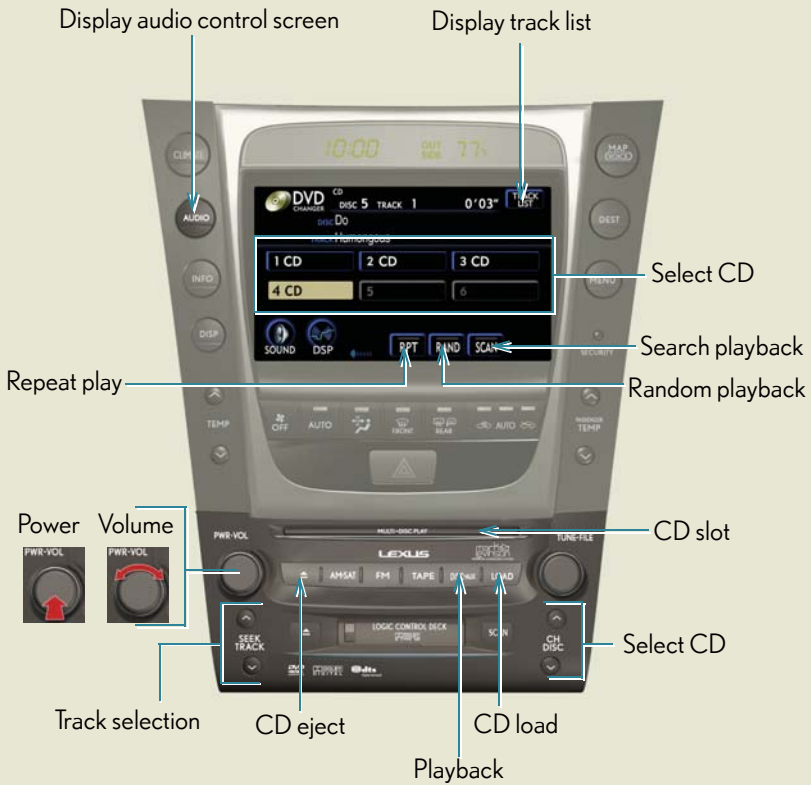
- Store cassette tapes away from direct sunlight.
- Do not insert anything other than cassette tapes into the cassette player.
- Do not apply oil to the cassette player.

3-3. Using the audio system

Using the CD player

Insert a CD or press **DISC-AUX** with a CD inserted.

When you press **AUDIO** while listening to a CD, the following audio control screen appears.



LY339061


Loading a CD

■ Loading a single CD

STEP 1 Press .

STEP 2 When the indicator changes from flashing amber to green, insert a CD after the CD/DVD player door opens.


■ Loading multiple CDs

STEP 1 Press and hold  until you hear a beep.

STEP 2 When the indicator changes from flashing amber to green, insert a CD after the CD/DVD player door opens.

STEP 3 After inserting a CD, wait until the indicator changes from flashing amber to green, then insert the next CD after the CD/DVD door has opened.


Repeat steps 2 and 3 until you have inserted all CDs.

To cancel the operation, press the  or  button. If you do not insert a CD within 15 seconds, loading will be canceled automatically.

Ejecting CDs

■ Ejecting a CD

STEP 1 To select the CD to be ejected, touch the desired disc number

(1 - 6) on the screen or press \wedge or \vee on .


STEP 2 Press  and remove the CD.

■ Ejecting all CDs

Press and hold  until you hear a beep, then remove the CDs.

Selecting, fast forwarding and scanning tracks

Selecting a track

Press \wedge to move up and \vee to move down using  until the desired track number appears on the screen.

To fast forward or rewind, press and hold \wedge or \vee on .



Selecting a track from the track list

STEP 1 Touch  on the screen.

STEP 2




Touch the desired track number.

 or : Changes the list by 6 track groups.


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

Scanning a CD

STEP 1 Touch  on the screen.

“SCAN” appears on the screen.

The first 10 seconds of each track will be played.

STEP 2 Touch  once again when the desired track is reached.

Selecting a CD

■ To select a CD to play

Touch the desired disc number (1 - 6) on the screen or press \wedge or \vee on



■ To scan loaded CDs

STEP 1 Touch and hold **SCAN** on the screen until “D·SCAN” appears.

The first 10 seconds of the first track on each CD will be played.

STEP 2 Touch **SCAN** once again when the desired CD is reached.

Random playback

■ Current CD

Touch **RAND** on the screen.

Songs are played in random order until random playback is canceled.

■ All CDs

Touch and hold **RAND** on the screen until “D·RAND” appears.

Tracks on all loaded CDs are played in random order until the button is touched once again.

Repeating a track or a disc

■ Repeating a track

Touch **RPT** on the screen.

■ Repeating a disc

Touch and hold **RPT** on the screen until “D·RPT” appears.

■ Canceling random, repeat and scan playback

Touch **RAND**, **RPT**, or **SCAN** on the screen once again.

■ Displaying the title and artist name

If a CD-TEXT disc is inserted, the title of the disc and track will be displayed. Up to 16 letters can be displayed.

■ Error messages

→P. 270

3-3. Using the audio system

Playing MP3 and WMA discs

Insert an MP3 or WMA disc or press **DISC-AUX** with a disc inserted.

When you press **AUDIO** during playback of the disc, the following audio control screen appears.



Loading, ejecting and selecting MP3 and WMA discs

Refer to the section titled “Using the CD player” for details. (→P. 242)

Selecting a folder

■ Selecting a folder

Touch “FOLDER ▲” or “▼” on the screen to select the previous/next folder.

■ Selecting a folder from the folder list

STEP 1 Touch **FOLDER LIST** on the screen.



Touch the desired folder number.

▲ or ▼: Changes the list by 6 folder groups.

DETAIL: Displays the details of the file currently playing.

FILE: Displays the file list.

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

■ Selecting the desired folder by cueing the first file of each folder

Touch and hold **SCAN** on the screen until “FLD·SCAN” appears. When the desired folder is reached, touch **SCAN** once again.

Selecting and scanning files


■ Selecting one file at a time

Turn  or press \wedge or \vee on  to select the desired file.

■ Selecting a file from the file list



STEP 1 Touch  on the screen to turn the folder list on.




Touch  on the folder list screen.



Touch the desired file number.

 or : Changes the list by 6 groups.


: Displays the folder list.

: Displays the details of the file currently playing.

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

■ Selecting a desired file by cueing the files in the folder

Touch  on the screen.

When the desired file is reached, touch  once again.

File repeat


Touch  on the screen.

Folder repeat

Touch and hold  on the screen until the “FLD RPT” appears.

Random playback

■ To play files from a particular folder in random order

Touch  on the screen.

■ To play all the files on a disc in random order

Touch and hold  on the screen until the “FLD RAND” appears.

■ Canceling random, repeat and scan playback

Touch ,  or  on the screen once again.

■ Error messages

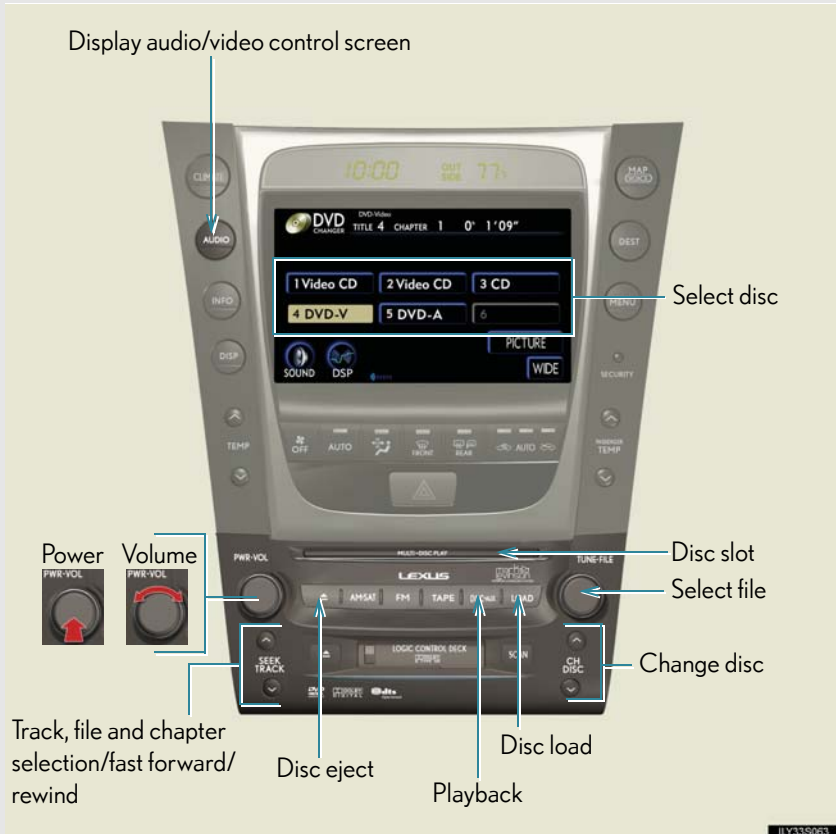
→P. 270

3-3. Using the audio system

Using the DVD player (if equipped)

Insert a disc or press **DISC-MUX** with a disc inserted.

When you press **AUDIO** during the playback of the disc, the following audio/video control screen appears.



Loading a discs

■ Loading a single disc

STEP 1 Push **LOAD**.

STEP 2 When the indicator changes from flashing amber to green, insert a disc after the DVD player door opens.

■ Loading multiple discs

STEP 1 Press and hold **LOAD** until you hear a beep.

STEP 2 When the indicator changes from flashing amber to green, insert a disc after the DVD player door opens.

STEP 3 After inserting a disc, wait until the indicator changes from flashing amber to green, then insert the next disc after the DVD player door has opened.

STEP 4 Repeat steps 2 and 3 until you have inserted all discs.

To cancel the operation, press the **LOAD** or **DISC/PAUSE** button. If you do not insert a disc within 15 seconds, loading will be canceled automatically.

■ DVD hint screen





This screen appears when a DVD video, DVD audio or video CD is first selected with the “ENGINE START STOP” switch in ACCESSORY or IGNITION ON mode.

Touch **OK** once you have read the message.

Ejecting discs

Ejecting a disc

STEP 1 To select the disc to be ejected, touch the desired disc on the screen or press \wedge or \vee on .

STEP 2 Press  and remove the disc.


Ejecting all discs

Press and hold  until you hear a beep, then remove the discs.

Selecting a disc

To select a disc to play



Touch the desired disc on the screen or press \wedge or \vee on .


- Audio CD, CD text → P. 242
- MP3/WMA disc → P. 247
- DVD video/audio → P. 254
- Video CD → P. 266

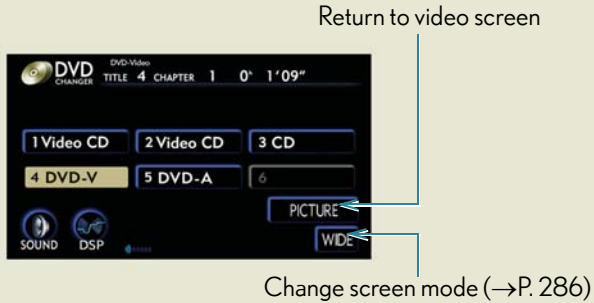
3-3. Using the audio system

Playing DVD video/audio

For safety reasons, you can enjoy the visual contents of discs only when the vehicle is completely stopped with the “ENGINE START STOP” switch in ACCESSORY or IGNITION ON mode and the parking brake applied. While you are driving, only audio contents may be played.

■ Video control screen

Press  while the disc is playing, the following screen appears.

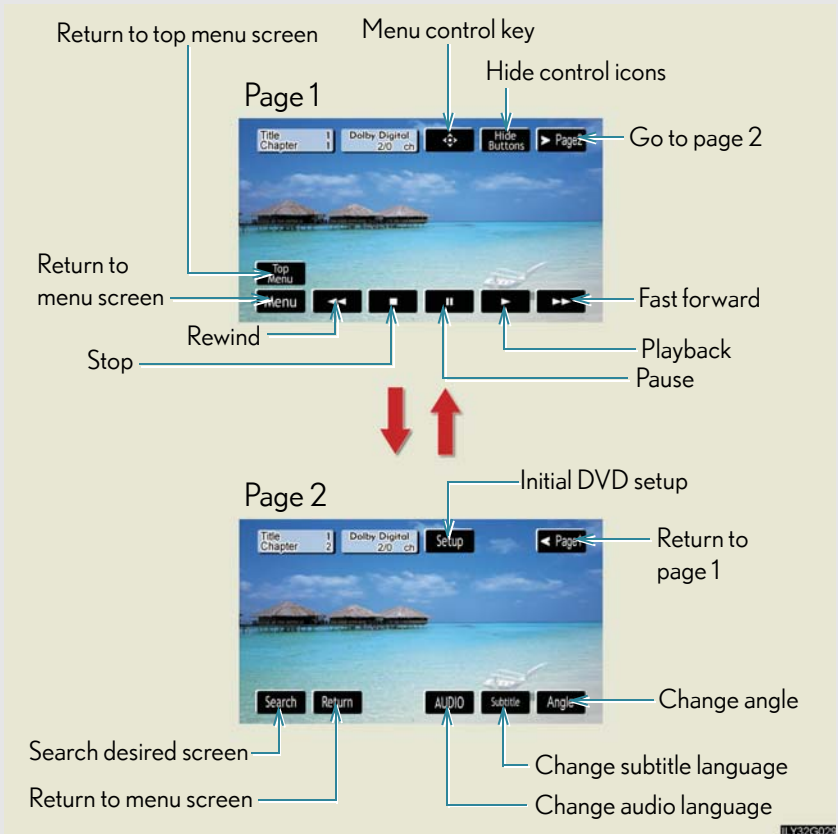



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■ Control icon screen

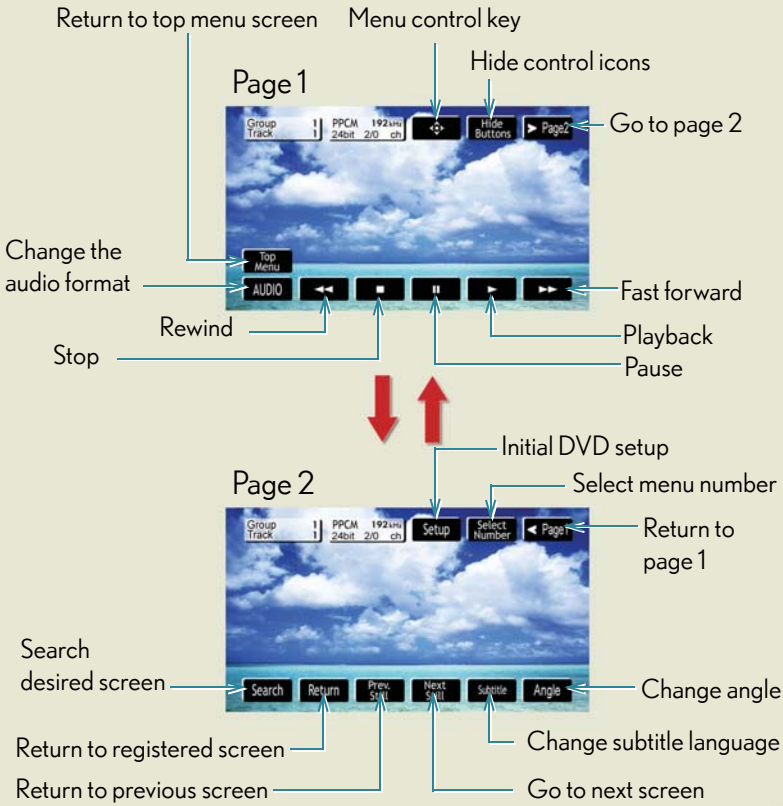
Touch any part of the screen if no icons are shown while watching video, the following screen appears.

▶ DVD video mode




If  appears on the screen when you touch an icon, the operation relevant to that control is not permitted.

▶ DVD audio mode






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If  appears on the screen when you touch an icon, the operation relevant to that control is not permitted.

Loading, ejecting and selecting discs

→P. 252

Fast forwarding/rewinding disc

Touch and hold  or  on the screen or press and hold \wedge or \vee on  until you hear a beep.

Slow playback

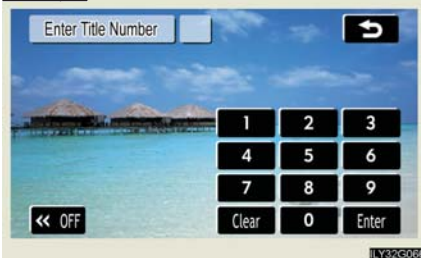
Touch  and then touch . Video is played slowly while you are touching .


Searching a desired screen





■ Searching by title (DVD video mode)

STEP 1 Touch  in the control icons.

STEP 2



Input the desired title number and then touch .

-  **Clear** : Deletes the last input number.
-  **OFF** : Hides the icons. To display the icons, touch .
-  **Return** : Returns to previous screen.

■ Searching by group (DVD audio mode)

STEP 1 Touch **Search** in the control icons.



Input the group number and then touch **Enter**.

Clear: Deletes the last input number.

<< OFF: Hides the icons. To display the icons, touch **>> ON**.

↩: Returns to previous screen.

■ Playing a bonus group (DVD audio mode only, if the DVD has bonus options)

STEP 1 Touch **Search** in the control icons.



Input the desired bonus group number on the group search screen and touch **Enter**.

←: Deletes the number.

↩: Returns to previous screen.

■ Searching by chapter/track

Press **^** or **v** on  to select a chapter/track.

■ Selecting a menu number (DVD audio mode only)

STEP 1 Touch **Select Number** in the control icons.

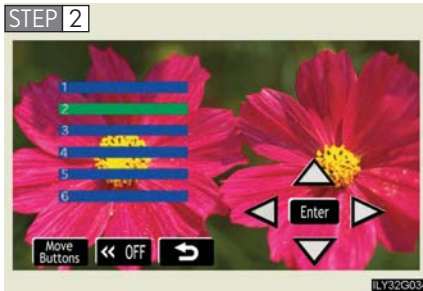


Input the desired menu number on the screen and touch **Enter**.





Using the DVD menu

STEP 1 Touch **Menu** or **Top Menu** in the control icons.

Touch  if the menu control key does not appear on the menu screen.



Touch **▲**, **▼**, **◀** or **▶** to select a menu item, then touch **Enter** to select.

- : Moves icons up or down.
- : Hides icons. To display icons, touch .
- : Returns to previous screen.

Note that specific items or the operating method differs from one DVD to another. Refer to the manual that comes with the DVD disc. (The above image is an example.)


Changing the subtitle language



Touch **Subtitle** in the control icons.

Each time you touch the button, the next available language is selected.

Hide : Hides the control icons.


 : Returns to previous screen.

Changing the audio language (DVD video only)

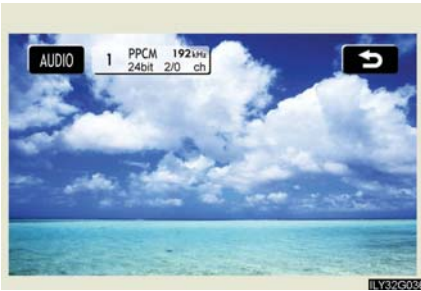


Touch **AUDIO** in the control icons.

Each time you touch the button, the next available language is selected.


 : Returns to previous screen.

Changing the audio format (DVD audio only)



Touch **AUDIO** in the control icons.

Each time you touch the button, the next available audio format is selected.

 : Returns to previous screen.


Changing the angle (If the angle option is available)

STEP 1 Touch **Angle** in the control icons.



Touch the **Angle** button.

Each time you touch the button, the next available angle is selected.

: Returns to previous screen.


Initial DVD setup

■ Displaying “Setup Menu” screen

STEP 1 Touch **Setup** in the control icons.



After you change the initial settings, touch **Enter**.


: Restores default settings.

■ Setting audio language

STEP 1 Touch **Audio Language**.

STEP 2 Select the desired language.

If you cannot find the desired language, touch **Other** and input the desired language code. (→P. 263)

: Returns to previous screen.

■ Setting subtitle language

STEP 1 Touch **Subtitle Language**.

STEP 2 Select the desired language.

If you cannot find the desired language, touch **Other** and input the desired language code. (→P. 263)

↩: Returns to previous screen.

■ Setting menu language

STEP 1 Touch **DVD Language**.

STEP 2 Select the desired language.

If you cannot find the desired language, touch **Other** and input the desired language code. (→P. 263)

↩: Returns to previous screen.

■ Setting angle mark ON or OFF

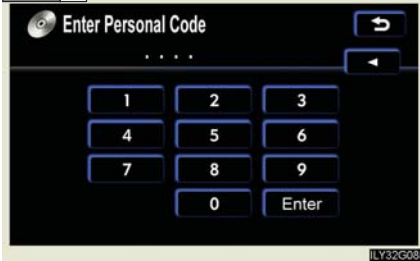
If the DVD has angle options, you can turn the angle mark on or off.

Touch **Angle Mark**. Each time you touch the button, the multi angle mark on the screen turns on or off alternately.

■ Parental lock

STEP 1 Touch **Parental Lock**.

STEP 2



Input the 4-digit password and then touch **Enter**.

If you enter wrong numbers, touch **←** to delete the numbers.

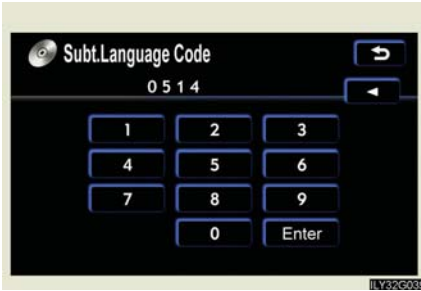
Touch **←** 10 times to initialize the personal code.

STEP 3 Select a parental level (1 - 8).



↩: Returns to previous screen.

■ Entering a language code

If you touch **Other** on the “Select Audio Language” screen, “Select Subtitle Language” screen or “Select DVD Language” screen, you can select a language by entering the 4-digit language code if that language is available.



Input the 4-digit language code and then touch **Enter**.

- : Deletes the last input digit.
- : Returns to previous screen.

● Language code

Code	Language	Code	Language	Code	Language
1001	Japanese	0512	Greek	0208	Bihari
0514	English	0101	Afar	0209	Bislama
0618	French	0102	Abkhazian	0214	Bengali
0405	German	0106	Afrikaans	0215	Tibetan
0920	Italian	0113	Amharic	0218	Breton
0519	Spanish	0118	Arabic	0301	Catalan
2608	Chinese	0119	Assamese	0315	Corsican
1412	Dutch	0125	Aymara	0319	Czech
1620	Portuguese	0126	Azerbaijani	0325	Welsh
1922	Swedish	0201	Bashkir	0401	Danish
1821	Russian	0205	Byelorussian	0426	Bhutani
1115	Korean	0207	Bulgarian	0515	Esperanto

3-3. Using the audio system

Code	Language	Code	Language	Code	Language
0520	Estonian	0914	Indonesian	1311	Macedonian
0521	Basque	0919	Icelandic	1312	Malayalam
0601	Persian	0923	Hebrew	1314	Mongolian
0609	Finnish	1009	Yiddish	1315	Moldavian
0610	Fiji	1023	Javanese	1318	Marathi
0615	Faroese	1101	Georgian	1319	Malay
0625	Frisian	1111	Kazakh	1320	Maltese
0701	Irish	1112	Greenlandic	1325	Burmese
0704	Scots-Gaelic	1113	Cambodian	1401	Nauru
0712	Galician	1114	Kannada	1405	Nepali
0714	Guarani	1119	Kashmiri	1415	Norwegian
0721	Gujarati	1121	Kurdish	1503	Occitan
0801	Hausa	1125	Kirghiz	1513	(Afan) Oromo
0809	Hindi	1201	Latin	1518	Oriya
0818	Croatian	1214	Lingala	1601	Panjabi
0821	Hungarian	1215	Laothian	1612	Polish
0825	Armenian	1220	Lithuanian	1619	Pashto, Pushto
0901	Interlingua	1222	Latvian	1721	Quechua
0905	Interlingue	1307	Malagasy	1813	Rhaeto- Romance
0911	Inupiak	1309	Maori	1814	Kirundi

Code	Language	Code	Language	Code	Language
1815	Romanian	1919	Siswati	2019	Tsonga
1823	Kinyarwanda	1920	Sesotho	2020	Tatar
1901	Sanskrit	1921	Sundanese	2023	Twi
1904	Sindhi	1923	Swahili	2111	Ukrainian
1907	Sangho	2001	Tamil	2118	Urdu
1908	Serbo-Croatian	2005	Telugu	2126	Uzbek
1909	Sinhalese	2007	Tajik	2209	Vietnamese
1911	Slovak	2008	Thai	2215	Volapük
1912	Slovenian	2009	Tigrinya	2315	Wolof
1913	Samoan	2011	Turkmen	2408	Xhosa
1914	Shona	2012	Tagalog	2515	Yoruba
1915	Somali	2014	Setswana	2621	Zulu
1917	Albanian	2015	Tonga		
1918	Serbian	2018	Turkish		

■ Error messages

If “Region Code Error” is displayed, check the region code printed on the DVD matches the player’s region code.


If a different message is displayed: →P. 270

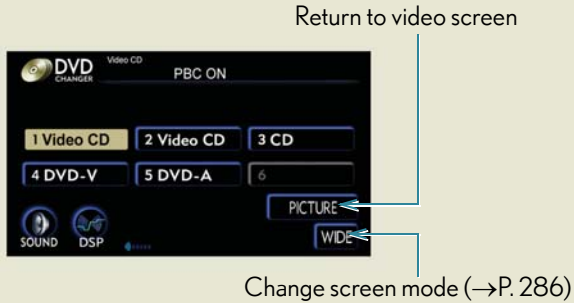
3-3. Using the audio system

Playing video CD

For safety reasons, you can enjoy the visual contents of discs only when the vehicle is completely stopped with the “ENGINE START STOP” switch in ACCESSORY or IGNITION ON mode and the parking brake applied. While you are driving, only audio contents may be played.

■ Video control screen

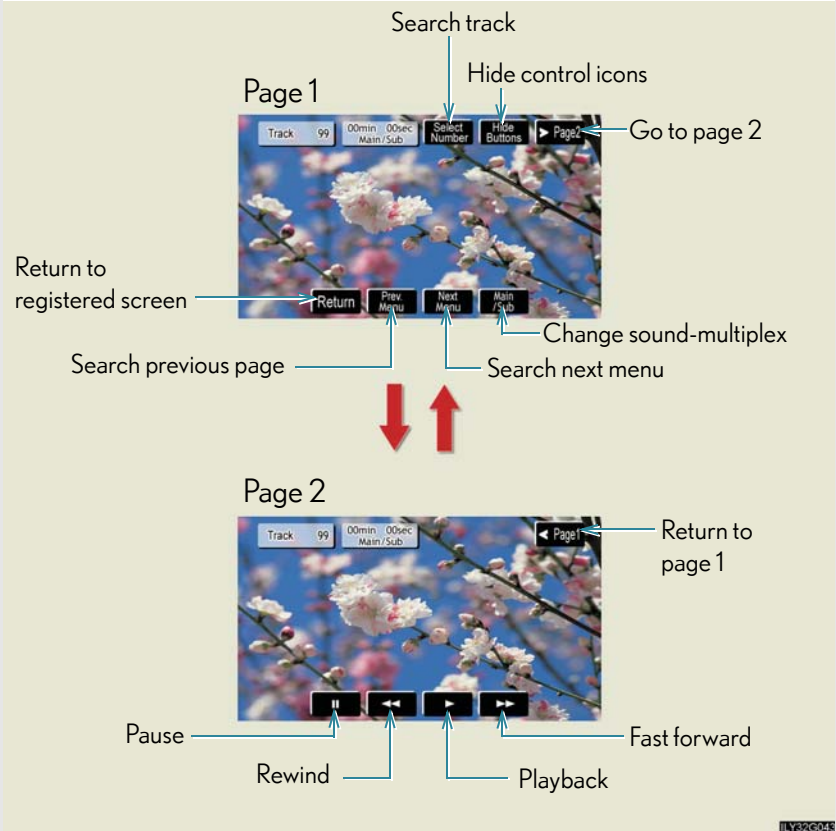
Press  while the disc is playing, the following screen appears.




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■ Control icon screen

Touch any part of the screen if no icons are shown while watching a video CD, the following screen appears.





If  appears on the screen when you touch an icon, the operation relevant to that control is not permitted.

Loading, ejecting and selecting discs

→P. 243

Fast forwarding/rewinding the video CD


Touch and hold  or  in the control icons or press and hold

∧ or ∨ on  until you hear a beep.

Slow playback

Touch  and then touch  in the control icons. Video is played slowly while you are touching .


Using the video CD menu

Touch  in the control icons.

Refer to the manual that comes with the video CD for specific menu items.

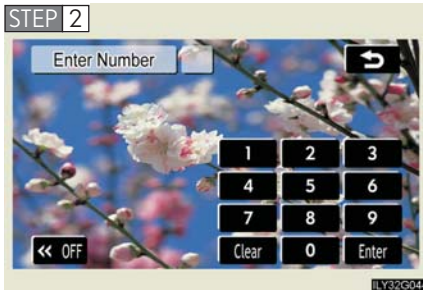
Selecting a desired screen

■ Searching manually

Touch **Prev. Menu** or **Next Menu** on the screen, or press \wedge or \vee on  until the desired screen appears.

■ Searching by number

STEP 1 Touch **Select Number** in the control icons.



Input the desired track number on the screen and touch **Enter**.

- Clear** : Deletes the last input number.
- << OFF** : Hides icons. To display icons, touch **>> ON**.
- >>** : Returns to previous screen.

3

Interior features

Changing the sound-multiplex mode

Touch **Main/Sub** of the control icons. The mode cycles through each time the button is touched.

“Main” → “Sub” → “Main/Sub”



■ Error messages

→P. 270

3-3. Using the audio system

DVD player and DVD video disc information

■ Error messages

Refer to the following table and take the appropriate measures. If the problem is not rectified, take the vehicle to your Lexus dealer.







Message	Cause	Correction Procedures
No CD or No Disc	There is no disc in the CD or DVD changer	Insert a disc
Check CD X or Check DISC X	<ul style="list-style-type: none">• The disc X is dirty or damaged• The disc X is inserted upside down• The disc X is not playable with the player	<ul style="list-style-type: none">• Clean the disc• Insert the disc correctly• Confirm the disc is playable with the player
CD Error or DVD Error	<ul style="list-style-type: none">• There is a malfunction within the system• Operation is stopped due to a high temperature inside the player	<ul style="list-style-type: none">• Eject the disc• Eject the disc and allow the player to cool down
NO MUSIC FILE	This indicates that no playable data is included in the disc	Eject the disc

■ DVD video discs

The DVD player conforms to NTSC color TV formats.

Region code: Some DVD video discs have a region code indicating the region in which you can use the DVD video disc. If the DVD video disc is not labeled as “ALL” or “1”, you cannot use it on this DVD player. If you attempt to play an inappropriate DVD video disc on this player, “Region Code Error” appears on the screen. Even if the DVD video disc does not have a region code, you may not be able to use it.

■ Symbols shown on DVD video discs

Mark	Meaning
	Indicates NTSC format.
	Indicates the number of audio tracks.
	Indicates the number of language subtitles.
	Indicates the number of angles.
	Indicates the screen display ratios available. Wide screen: 16:9 Standard: 4:3
	Indicates the disc's region code. ALL: In all countries Number: Region code

■ DVD compatibility



Use only discs marked as shown to the left. The following products may not be playable on your DVD player.

- SACDs
- dts-CDs
- Copy-protected CDs
- DVD-Rs
- DVD+Rs
- DVD-RWs
- DVD+RWs
- DVD-ROMs
- DVD-RAMs

■ CD/DVD player protection feature

To protect the internal components, playback is automatically stopped when a problem is detected.

■ If discs are left inside the CD/DVD player or in the ejected position for extended periods

Discs may be damaged and may not play properly.

■ Lens cleaners

Do not use lens cleaners. Doing so may damage the CD/DVD player.

■ DVD video disc information

● DVD video discs

Digital Versatile Disc that holds video. DVD video discs have adopted “MPEG2”, one of the world standards of digital compression technologies. The picture data is compressed by 1/40 on average and stored. Variable rate encoding technology in which the volume of data assigned to the picture is changed depending on the picture format has also been adopted. Audio data is stored using PCM and Dolby digital, which enables higher quality of sound. Furthermore, multi-angle and multi-language features will also help you enjoy the more advanced technology of DVD video.

● Viewer restrictions

This feature limits what can be viewed in conformity with the level of restrictions of the country. The level of restrictions varies depending on the DVD video disc. Some DVD video discs cannot be played at all, or violent scenes are skipped or replaced with other scenes.

Level 1: DVD video discs for children can be played.

Level 2-7: DVD video discs for children and G-rated movies can be played.

Level 8: All types of DVD video discs can be played.

● Multi-angle option

You can enjoy the same scene from different angles.

● Multi-language option

You can select the subtitle and audio languages.

● Region codes

The region codes are found on DVD players and DVD discs. If a DVD video disc does not have the same region code as the DVD player, you cannot play the disc on that DVD player. (→P. 271)

- Audio

This DVD player can play linear PCM, Dolby Digital and MPEG audio format DVD. Other decoded types cannot be played.

- Title and chapter

Video and audio programs stored in DVD video discs are divided into parts by title and chapter.

Title: The largest unit of the video and audio programs stored on DVD video discs. Usually, one movie, one album, or one audio program is assigned as a title.

Chapter: A title is comprised of one or more chapters.

■ Sound

- Dolby Digital

Manufactured under license from Dolby Laboratories.

“Dolby”, “Pro Logic”, and the double-D symbol are trademarks of Dolby Laboratories. Confidential unpublished works.

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This product incorporates copyright protection technology that is protected by method claims of certain U. S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation.

Reverse engineering or disassembly is prohibited.

- DTS

“DTS” and “DTS Digital Surround” are registered trademarks of Digital Theater System, Inc.

■ MP3 and WMA files

MP3 (MPEG Audio LAYER 3) is a standard audio compression format.

Files can be compressed to approximately 1/10 of their original size by using MP3 compression.

WMA (Windows Media TMAudio) is a Microsoft audio compression format.

This format compresses audio data to a size smaller than that of the MP3 format.

There is a limit to the MP3 and WMA file standards and to the media/formats recorded by them that can be used.

● MP3 file compatibility

- Compatible standards
MP3 (MPEG1 LAYER3, MPEG2 LSF LAYER3)
- Compatible sampling frequencies
MPEG1 LAYER3: 32, 44.1, 48 (kHz)
MPEG2 LSF LAYER3: 16, 22.05, 24 (kHz)
- Compatible bit rates
MPEG1 LAYER3: 64, 80, 96, 112, 128, 160, 192, 224, 256, 320 (kbps)
- MPEG2 LSF LAYER3: 64, 80, 96, 112, 128, 144, 160 (kbps)
*: Compatible with VBR
- Compatible channel modes: stereo, joint stereo, dual channel and monaural

● WMA file compatibility

- Compatible standards
WMA Ver. 7, 8, 9
- Compatible sampling frequencies
32, 44.1, 48 (kHz)
- Compatible bit rates
Ver. 7, 8: CBR 48, 64, 80, 96, 128, 160, 192 (kbps)
Ver. 9: CBR 48, 64, 80, 96, 128, 160, 192, 256, 320 (kbps)
*: Only compatible with 2-channel playback

- Compatible media

Media that can be used for MP3 and WMA playback are CD-Rs and CD-RWs.

Playback in some instances may not be possible, depending on the status of the CD-R or CD-RW. Playback may not be possible or the audio may jump if the disc is scratched or marked with fingerprints.

- Compatible disc formats

The following disc formats can be used.

- Disc formats: CD-ROM Mode 1 and Mode 2
CD-ROM XA Mode 2, Form 1 and Form 2
- File formats: ISO9660 level 1, level 2, (Romeo, Joliet)
MP3 and WMA files written in any format other than those listed above may not play correctly, and their file names and folder names may not be displayed correctly.

Items related to standards and limitations are as follows:

- Maximum directory hierarchy: 8 levels
- Maximum length of folder names/file names: 32 characters
- Maximum number of folders: 192 (including the root)
- Maximum number of files per disc: 255

- File names

The only files that can be recognized as MP3/WMA and played are those with the extension .mp3 or .wma.

- Multi-sessions

As the audio system is compatible with multi-sessions, it is possible to play discs that contain MP3 and WMA files. However, only the first session can be played.

- ID3 and WMA tags

ID3 tags can be added to MP3 files, making it possible to record the track title and artist name, etc.

The system is compatible with ID3 Ver. 1.0, 1.1, and Ver. 2.2, 2.3 ID3 tags. (The number of characters is based on ID3 Ver. 1.0 and 1.1.)

WMA tags can be added to WMA files, making it possible to record the track title and artist name in the same way as with ID3 tags.

- MP3 and WMA playback

When a disc containing MP3 or WMA files is inserted, all files on the disc are first checked. Once the file check is finished, the first MP3 or WMA file is played. To make the file check finish more quickly, we recommend you do not write in any files other than MP3 or WMA files or create any unnecessary folders.

Discs that contain a mixture of music data and MP3 or WMA format data cannot be played.

- Extensions

If the file extensions .mp3 and .wma are used for files other than MP3 and WMA files, they will be mistakenly recognized and played as MP3 and WMA files. This may result in large amounts of interference and damage to the speakers.


● Playback

- To play MP3 files with steady sound quality, we recommend a fixed bit rate of 128 kbps and a sampling frequency of 44.1 kHz.
- CD-R or CD-RW playback may not be possible in some instances, depending on the characteristics of the disc.
- There is a wide variety of freeware and other encoding software for MP3 and WMA files on the market, and depending on the status of the encoding and the file format, poor sound quality or noise at the start of playback may result. In some cases, playback may not be possible at all.
- When files other than MP3 or WMA files are recorded on a disc, it may take more time to recognize the disc and in some cases, playback may not be possible at all.
- Microsoft, Windows, and Windows Media are the registered trademarks of Microsoft Corporation in the U.S. and other countries.

■ CD-R and CD-RW discs

- CD-R/CD-RW discs that have not been subject to the “finalizing process” (a process that allows discs to be played on a conventional CD player) cannot be played.
- It may not be possible to play CD-R/CD-RW discs recorded on a music CD recorder or a personal computer because of disc characteristics, scratches or dirt on the disc, or dirt, condensation, etc. on the lens of the unit.

- It may not be possible to play discs recorded on a personal computer depending on the application settings and the environment. Record with the correct format. (For details, contact the appropriate application manufacturers of the applications.)
- CD-R/CD-RW discs may be damaged by direct exposure to sunlight, high temperatures or other storage conditions. The unit may be unable to play damaged discs.
- If you insert a CD-RW disc into the MP3/WMA player, playback will begin more slowly than with a conventional CD or CD-R disc.
- Recordings on CD-R/CD-RW cannot be played using the DDCD (Double Density CD) system.

 **CAUTION****■ DVD video precaution**

Conversational speech on some DVDs is recorded at a low volume to emphasize the impact of sound effects. If you adjust the volume assuming that the conversations represent the maximum volume level that the DVD will play, you may be startled by louder sound effects or when you change to a different audio source.

Loud sounds may have a significant impact on the human body or pose a driving hazard. Keep this in mind when you adjust the volume.

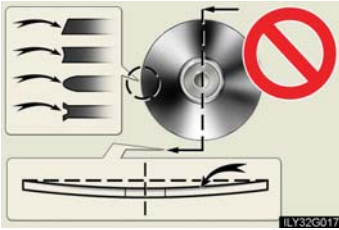
 NOTICE

■ Discs and adapters that cannot be used

Do not use the following types of discs, 3 in. (8 cm) disc adapters or Dual Disc. Doing so may damage the player and render the disc insert/eject function unusable.



- Discs that have a diameter that is not 4.7 in. (12 cm).



- Low-quality and deformed discs.



- Discs with a transparent or translucent recording area.



- Discs that have tape, stickers or CD-R labels attached to them, or that have the label peeled off.

 NOTICE**■ Player precautions**

Failure to follow the precautions below may result in damage to the discs or the player itself.


- Do not insert anything other than discs into the disc slot.
- Do not apply oil to the player.
- Store discs away from direct sunlight.
- Never try to disassemble any part of the player.



- Do not insert more than one disc at a time.

3-3. Using the audio system

Optimal use of the audio/video system

Press  on the panel to display the audio/video control screen.

► Operating the radio, cassette and audio CD



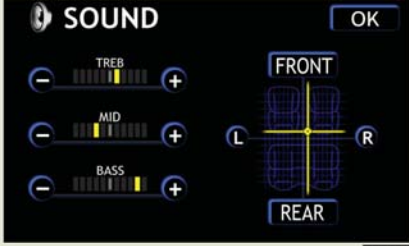
► Operating the DVD video/audio and video CD




Adjusting sound quality and balance




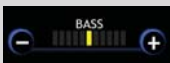
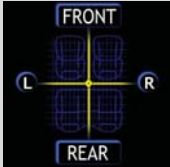



STEP 1 Touch  on the screen.

STEP 2




Adjust the settings, referring to the following table.

Once you have finished, touch .

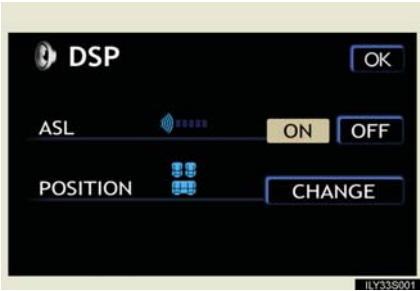
Sound quality mode	Display	Level	Touch
High-pitched tones*		-5 to 5	 or 
Mid-pitched tones*		-5 to 5	
Low-pitched tones*		-5 to 5	
Front/rear volume balance		F7 to R7	 or 
Left/right volume balance		L7 to R7	 or 

*: The sound quality level is adjusted individually in each radio, cassette tape, CD or DVD mode.

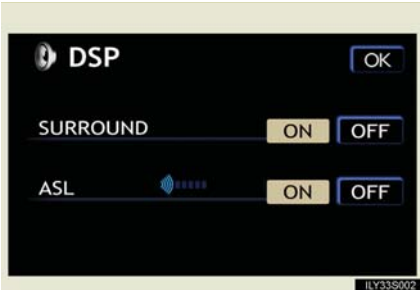
Setting DSP

The following features can be set as desired by touching  on the screen.

► With CD player



► With DVD player



■ Turning Automatic Sound Levelizer (ASL) ON or OFF

Touch  or .





ASL automatically adjusts the volume and tone quality according to the noise level as you drive your vehicle.

■ Changing the listening position (with CD player)

The speaker balance can be changed to produce the best sound for each listening position.

Touch **CHANGE**.

The listening position changes as follows each time the switch is touched.

Display	Listening position
	Position best suited to the driver's seat
	Position best suited to the driver's and front passenger's seat
	Position best suited to the rear seats
	Position best suited to all seats

■ Turning the surround ON or OFF (with DVD player)

Touch **ON** or **OFF**.

Setting the screen ratio mode (with DVD player)

STEP 1 Touch **WIDE** on the screen.



Touch one of the **NORMAL**, **WIDE1** or **WIDE2** to match screen ratio printed on the DVD.

Screen ratio mode	Details
NORMAL	Suitable for 4:3 screen ratio
WIDE1	Expand the Normal screen horizontally to fill the display.
WIDE2	Suitable for 16:9 screen ratio

3-3. Using the audio system

Using the AUX adapter

This adapter can be used to connect a portable audio device and listen to it using the vehicle's speakers.



Connect the portable audio device.

STEP 2 Press **DISC/AUX**.

■ Operating portable audio devices connected to the audio system

The volume can be adjusted using the vehicle's audio controls. All other adjustments must be made on the portable audio device itself.

3-3. Using the audio system


Using the steering switches

Some audio features can be controlled using the steering switches.




- 1 Power on, select audio source
- 2 Volume
- 3 Radio: Select radio stations
Cassette: Fast forward, rewind and selecting tracks
CD: Select tracks, discs and file
DVD: Select tracks, discs and chapter

Turning on the power

Press  when the audio system is off.


The audio system can be turned off by holding the switch down for 1 second or more.

Changing the audio source

Press  when the audio system is on. The audio source changes as follows each time the button is pressed. If a cassette tape or discs is not inserted, that mode will be skipped.


FM1 → FM2 → cassette player → CD/DVD player
→ AUX → AM → SAT1 → SAT2 → SAT3

Adjusting the volume

Press “+” on  to increase the volume and “-” to decrease the volume.

Hold down the button to continue increasing or decreasing the volume.

Selecting a radio station

STEP 1 Press  to select the radio mode.

STEP 2 Press \wedge or \vee on  to select a radio station.

To scan for receivable stations, press and hold the switch until you hear a beep.


Fast forwarding or rewinding the cassette

STEP 1 Press  to select the cassette mode.

STEP 2 Press and hold \wedge or \vee on  until you hear a beep.

To stop fast forwarding or rewinding, press the same switch.

Selecting a track/file or chapter

STEP 1 Press  to select the cassette mode, CD or DVD mode.

STEP 2 Press \wedge or \vee on  to select the desired track or chapter.

Cassette mode only: you can skip maximum 9 tracks.

Selecting a disc in the CD or DVD player

STEP 1 Press  to select the CD or DVD mode.

STEP 2 Press and hold \wedge or \vee on  until you hear a beep.

■ Canceling automatic selection of a radio station

Push the same switch.

CAUTION

■ To reduce the risk of an accident

Exercise care when operating the audio switches on the steering wheel.

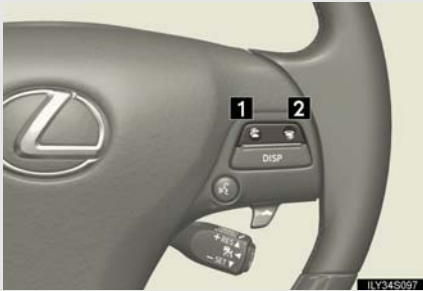
3-4. Using the hands-free system (for cellular phone)

Hands-free system (for cellular phone)

The hands-free system is a function that allows you to use your mobile phone without touching it.

This system supports Bluetooth[®] mobile phones. Bluetooth[®] is a wireless data system that allows the mobile phone to wirelessly connect to the hands-free system and make/receive calls.

► Telephone switch



- 1 Sending/Receiving/"Telephone" screen display (when stopped)
- 2 End call

► Microphone



The person you are speaking to can be heard from the driver's side speaker.







To use the hands-free system you must register your Bluetooth[®] phone in the system. (→P.296)

Status display

You can check such indicators as signal strength and battery charge on the “Telephone” screen.



- 1 Connection status
- 2 Battery charge
- 3 Call area
- 4 Signal strength

Indicators	Conditions
Connection status	Blue: Good Yellow: Bad  : Not connected
Battery charge	 : Full  : Low
Call area	“Rm”: Roaming area “Hm”: Home area
Signal strength	 : Good  : Bad  : Not connected

■ When using the hands-free system

- The audio system and voice guidance are muted when making a call.
- If both parties speak at the same time, it may be difficult to hear.
- If the received call volume is overly loud, an echo may be heard.
- Try to face toward the microphone as much as possible when speaking.
- In the following circumstances it may be difficult to hear the other party.
 - When driving on unsealed roads
 - When driving at high speeds
 - If a window is open
 - If the air conditioning is blowing directly on the microphone
 - If the air conditioning is set to high

■ Conditions under which the system will not operate

- If using a mobile phone that does not support Bluetooth[®].
- If the mobile phone is switched off.
- If you are outside service range.
- If the mobile phone is not connected.
- If the mobile phone's battery is low.

■ Bluetooth[®] antenna

The antenna is built into the display. If the mobile phone is behind the seat or in the console box, or touching or covered by metal objects, connection status may deteriorate.

3-4. Using the hands-free system (for cellular phone)

■ Battery charge/Signal status

This display may not correspond exactly with the mobile phone itself.

■ About Bluetooth®



Bluetooth is a registered trademark of Bluetooth SIG, Inc.

■ Compatible models


Compatible with HFP (Hands Free Profile) Ver. 1.0 and OPP (Object Push Profile) Ver. 1.1.

If your cellular phone does not support HFP, you cannot enter the Bluetooth® phone, and take OPP service individually.

■ Certification for the hands-free system

FCC ID: HYQBT0501A IC ID: 1551A-BT0501A
--

This device complies with Part 15 of the FCC Rules and RSS-210. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

 **CAUTION****■ FCC WARNING**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Radio Frequency Exposure. This device is approved for Mobile Application only and, to comply with applicable FCC radio frequency exposure regulations, must be used with a distance of at least 7.9 in. (20 cm) between the antenna and the body of any person at all time during use.

■ While driving

Do not use the mobile phone or connect the Bluetooth[®] system.

 **NOTICE****■ When leaving the vehicle**

Do not leave your mobile phone in the vehicle. The inside of the vehicle may become hot, causing damage to the phone.