

2024

## RZ450e / RZ300e

OWNER'S MANUAL QUICK GUIDE

The Quick Guide is not intended as a substitute for your *OWNER'S MANUAL*. We strongly encourage you to review the *OWNER'S MANUAL* and supplementary manuals so you will have a better understanding of your vehicle's capabilities and limitations.

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\*: This feature may be operated by Voice command (See P.57)

## **Pictorial Index**

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<sup>3</sup> : Refer to "MULTIMEDIA OWNER'S MANUAL".	

\* \* \*

#### Switches



\*<sup>3</sup>: Refer to "MULTIMEDIA OWNER'S MANUAL".



\*2: Refer to the "MULTIMEDIA OWNER'S MANUAL".

#### Interior



\*: Refer to the "Owner's Manual".

#### Ceiling



\*<sup>3</sup>: The illustration shows the front, but they are also equipped in the rear.

## Using the dedicated floor mats correctly

Use only floor mats designed specifically for vehicles of the same model and model year as your vehicle. Fix them securely in place onto the carpet.

#### Securing the floor mats





 Insert the retaining hooks (clips) into the floor mat eyelets.

 Turn the upper knob of each retaining hook (clip) to secure the floor mats in place.

Always align the  $\triangle$  marks **A**.

The shape of the retaining hooks (clips) may differ from that shown in the illustration.

## Key types

The following keys are provided with the vehicle.



A Electronic keys

- Operating the smart access system with push-button start
- Operating the wireless remote control function
- B Mechanical keys
- **C** Key number plate
- **D** Card key (electronic key) (if equipped)

Operating the smart access system with push-button start

## Smart Access System with Push-button Start

#### Locking/unlocking the doors using smart access system with push-button start

The driver should always carry an electronic key (or the card key) on their person, for example in their pocket.



 Grip the driver's door handle to unlock the door. Holding the driver's door handle for approximately 2 seconds unlocks all the doors. Grip any passenger door handle to unlock all the doors.\*

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

The doors cannot be unlocked for 3 seconds after the doors are locked.

- \*: The door unlock settings can be changed.
- **2** Touch the lock sensor (the indentation on the surface of the door handle) to lock the doors.

Check that the door is securely locked.

Locking the doors will set the alarm system.

# Lock/unlock the back door using smart access system with push-button start



#### 1 Press 1.

All of the doors will unlock. However, the doors cannot be unlocked within 3 seconds after they were locked.

2 Press 2.

All of the doors will lock. Make sure that the doors are securely locked.

For details on what to do when the electronic key does not operate properly, see page 88.

#### **Power meter**

Power meter displays EV system output or regeneration level.

This illustration is for explanation only and may differ depending on the specifications of the vehicle.



A Charge area

Shows regeneration \*1 status.

Regenerated energy will be used to charge the EV battery (traction battery).



Displays the EV system output (acceleration force) while driving.

**C** Regeneration<sup>\*1</sup> restrictions reference  $display^{*2}$ 

> In the following situations, regenerative braking is restricted, and the references for those restrictions are displayed in the charge area.

- When the traction battery has a large amount of charge and can no longer be regenerated
- When the temperature of the traction batter is extremely high or extremely low
- **D** Output restrictions reference displav\*2

In the following situations, the output is restricted, and the references for those restrictions are displayed in the power area.

- When the traction battery has a low amount of charge and can no longer output power
- When the temperature of the traction batter is extremely high or extremely low

- \*1: When used in this manual, "regeneration" refers to the conversion of energy created by the movement of the vehicle into electrical energy.
- \*<sup>2</sup>: The actual restrictions may differ depending on the vehicle condition.

## Important points for the EV system

#### Electric vehicle system features

Battery electric vehicles are considerably different from conventional vehicles.

They use electricity charged in a traction battery, to drive the electric motor. Since battery electric vehicles are driven using electricity, they do not emit any emissions such as  $CO_2$  (Carbon Dioxide) and NOx (Nitrogen Oxides). Battery electric vehicles are environmentally friendly vehicles.

For details, refer to the "OWNER'S MANUAL".

#### Charging

The battery electric vehicle is driven using electricity, which is received from an external power source and stored in the traction battery. Not only public charging stations, but also household sockets can be used for charging. Procedures are different from refueling a conventional vehicle. Therefore, make sure to read the following thoroughly.

#### Regenerative braking

In the following situations, kinetic energy is converted to electric energy and deceleration force can be obtained in conjunction with the recharging of the traction battery.

- The accelerator pedal is released while driving with the shift position in D.
- The brake pedal is depressed while driving with the shift position in D.

#### Sounds and vibrations specific to an electric vehicle

Because there is no engine sound or vibration, it is easy to mistake the electric vehicle for being off when it is actually still running, as indicated by the "READY" indicator being illuminated. For safety, make sure to always shift the shift position to P and apply the parking brake when parked.

Before and after the EV system is started, the following sounds and vibrations may occur. However, these sounds and/or vibrations are not signs of malfunctions:

The brake system operation sound may be heard from the front of the vehicle when the driver's door is opened.

- Motor sounds may be heard from the motor compartment or luggage compartment (AWD models).
- Electrical relay sounds may be heard from the motor compartment when the EV system starts or stops.
- Relay operating sounds such as a snap or soft clank will be emitted from the traction battery in the following situations:
  - When the EV system is started or stopped
  - When charging starts or completes
  - When the vehicle is driven the first time after the traction battery has been charged using DC charging

- Sounds may be heard due to regenerative braking when the brake pedal is depressed or as the accelerator pedal is released.
- Cooling fan operating sounds from the radiator.
- The operation sound of the air conditioning system (air conditioning compressor, blower motor).

#### Acoustic Vehicle Alerting System

A sound which changes in accordance with the driving speed, will be played in order to warn people nearby of the vehicle's approach. This sound may be heard inside the vehicle. The sound will stop when the vehicle speed exceeds approximately 22 mph (35 km/h).

## Starting the EV system

Performing the following operations when carrying the electronic key on your person starts the EV system or changes power switch modes.

#### Starting the EV system

- 1 Check that the charging cable is disconnected.
- 2 Pull the parking brake switch to check that the parking brake is set.

The parking brake indicator will come on.

**3** Firmly depress the brake pedal.

and a message will be displayed on the multi-information display. If it is not displayed, the EV system cannot be started.

When the shift position is N, the EV system cannot start. Shift the shift position to P when starting the EV system.



4 Press the power switch shortly and firmly.

When operating the power switch, one short, firm press is enough. It is not necessary to press and hold the switch.

If the "READY" indicator turns on, the EV system will operate normally.

Continue depressing the brake pedal until the "READY" indicator is illuminated.

The EV system can be started from any power switch mode.

5 Check that the "READY" indicator is illuminated.

The vehicle will not move when the "READY" indicator is off.

#### Stopping the EV system

- 1 Stop the vehicle completely.
- 2 Set the parking brake.

Check the parking brake indicator is illuminated.

**3** Press the P position switch.

Check that the shift position indicator shows P and the parking brake indicator is illuminated.

4 Press the power switch shortly and firmly.

The EV system will stop, and the meter display will be extinguished (the shift position indicator will be extinguished a few seconds after the meter display).

**5** Release the brake pedal and check that "ACCESSORY" or "POWER ON" is not shown on the meter.

#### Changing the power switch mode

Modes can be changed by pressing the power switch with brake pedal released. (The mode changes each time the switch is pressed.)



1 OFF

The emergency flashers can be used.

**2** ACC\*

Some electrical components such as the audio system can be used. "ACCESSORY" will be displayed on the meter.

3 ON

All electrical components can be used. "POWER ON" will be displayed on the meter.

\*: ACC mode can be enabled/disabled on the customize menu.

#### Stopping the vehicle in an emergency

Stop the vehicle using the following procedure only in an emergency, such as if it becomes impossible to stop the vehicle in the normal way:

1 Steadily step on the brake pedal with both feet and firmly depress it.

Do not pump the brake pedal repeatedly as this will increase the effort required to slow the vehicle.

- **2** Change the shift position to N.
- If the shift position is changed to N: After slowing down, stop the vehicle in a safe place by the road. Stop the EV system.
- If the shift position cannot be changed to N: Keep depressing the brake pedal with both feet to reduce vehicle speed as much as possible.

To stop the EV system, press and hold the power switch for 2 consecutive seconds or more, or press it briefly 3 times or more in succession.



**3** Stop the vehicle in a safe place by the road.

## Intended use of each shift position

Select the shift position depending on your purpose and situation.

Shift position	Objective or function
Р	Parking the vehicle/starting the EV system
R	Reversing
N	Neutral (Condition in which the power is not transmitted)
D	Normal driving

## Changing the shift position

#### Shift position display and how to change the shift position



#### A P position switch

Fully stop the vehicle and set the parking brake, and then press the P position switch.

When the shift position is changed to P, the switch illuminates.

Check that the shift position indicator shows P.

**B** Shift position indicator

• Meter display:

The current shift position is illuminated.

• Rotary shifter display:

The current shift position is illuminated.

When selecting the shift position, make sure that the shift position has been changed to the desired position by checking the shift position indicator provided on the instrument cluster.

#### **C** Rotary shifter

Operate the dial shift gently and securely.

To switch to  $N,\,hold\,\,down\,\,the\,\,dial\,\,shift$  and hold it for a while.

To switch to R or D, hold down the dial shift and turn left or right according to the arrow on the shift position indicator.

Release the rotary shifter after each shifting operation to allow it to return to its regular position.

When shifting from P to N, D or R, from N, D or R to P, from D to R, or from R to D, ensure that the brake pedal is being depressed and the vehicle is stationary.

## Changing the regenerative braking power

Operating the paddle shift switches enables driving with a fixed regenerative braking power when the accelerator pedal is released or the brake pedal is depressed.

#### Selecting regenerative braking power

To drive using regenerative braking power selection, operate the "-" or "+" paddle shift switches with the shift position in D.

The regenerative braking power can then be selected by operating the "-" and "+" paddle shift switches.

arrows



To return to normal D position driving, hold the "+" paddle shift switch for a certain amount of time.

- The regenerative braking power can be selected from 4 levels.
- The regenerative braking power becomes strong as the number of the

(regenerative brak-

ing power indicator) on the multi-information display increases.

# Operations when turning left or right or changing lanes



- Move the lever to position 1.
  The right turn signal lights will blink.
- 2 Move the lever to position 2 and release it.

The right hand signals will flash 3 times.

**3** Move the lever to position **3** and release it.

The left hand signals will flash 3 times.

4 Move the lever to position 4. The left turn signal lights will blink.

## Parking the vehicle

- 1 Depress the brake pedal to stop the vehicle completely.
- 2 If the parking brake is released, set the parking brake.
- **3** Shift the shift position to P.

Check that the shift position indicator shows  $\mathsf{P}$  and the parking brake indicator is illuminated.

- 4 Press the power switch to stop the EV system.
- **5** Slowly release the brake pedal.
- 6 Lock the door, making sure that you have the electronic key on your person.

If parking on a hill, block the wheels as needed.

#### Parking brake operation

The parking brake can be applied or released automatically (automatic mode) or manually (manual mode). In automatic mode, the parking brake is applied or released automatically according to the operation of the rotary shifter. Also, in automatic mode the parking brake can be applied or released manually.

#### Automatic applying/releasing of the parking brake (auto mode)

#### Turning the automatic mode on

While the vehicle is stopped, pull and hold the parking brake switch until a buzzer sounds and a message is shown on the multi-information display.

When the automatic mode is turned on, the parking brake operates as follows.

- When the shift position is shifted from P, the parking brake will be released, and the parking brake indicator light will turn off.
- When the shift position is shifted to P, the parking brake will be set, and the parking brake indicator light will turn on.

Operate the dial shift and P position switch with the vehicle stopped and the brake pedal depressed.

The auto function may not operate if the rotary shifter is moved extremely quickly. In this situation, apply the parking brake manually.

#### Turning the automatic mode off

While the vehicle is stopped and depressing the brake pedal, press and hold the parking brake switch until a buzzer sounds and a message is shown on the multi-information display.

#### Manual applying/releasing of the parking brake (manual mode)

The parking brake can be set and released manually.



- **A** Parking brake indicator light (U.S.A.)
- **B** Parking brake indicator light (Canada)
- Pull the switch to set the parking brake. The parking brake indicator light will turn on.

Pull and hold the parking brake switch if an emergency occurs and it is necessary to operate the parking brake while driving.

- 2 Press the switch to release the parking brake.
- Operate the parking brake switch while depressing the brake pedal.
- Using the parking brake automatic release function, the parking brake can be released by depressing the accelerator pedal. When using this function, slowly depress the accelerator pedal.

Make sure that the parking brake indicator light turn off.

If the parking brake indicator light flash, operate the switch again.

## Brake hold system

The brake hold system keeps the brake applied when the shift position is in D or N with the system on and the brake pedal has been depressed to stop the vehicle. The system releases the brake when the accelerator pedal is depressed with the shift position in D to allow smooth start off.



Turns the brake hold system on

The brake hold standby indicator (green) comes on. While the system is holding the brake, the brake hold operated indicator (yellow) comes on.

## Functions of the displays

#### Multi-information display (vehicles without a head-up display)

A variety of driving-related information can be displayed. Depending on the situation, warning or advice pop-up displays will also be displayed.

#### Items displayed in the content display area

By selecting menu icons on the multi-information display, the following items can be displayed.



Driving information display



Navigation system-linked display



Audio system-linked display



Driving support system information display



Warning message

### Multi-information display (vehicles with a head-up display)

A variety of driving-related information can be displayed. Depending on the situation, warning or advice pop-up displays will also be displayed.

#### Items displayed in the content display area

The following items can be displayed.

- Drive information 1
- Drive information 2
- Audio system-linked display
- Navigation system-linked display\*
- Driving support system information display\*
- Blank (No items)
- \*: Displayed on the head-up display when the display mode is set to display the maximum.

## **Displayed content**

#### Operating the meters/displays

#### Vehicles without a head-up display



A < / > : Select menu icons

 ∧ / Y : Change displayed content, scroll up/down the screen and move the cursor up/down

- **B** Enter/Set
- **C** Return to the previous screen
- **D** Start/receive call

Linked with the hands-free system, sending or receiving call is displayed. For details regarding the hands-free system, refer to "MULTIMEDIA OWNER'S MANUAL".



Vehicles with a head-up display

A The function of each switch differs depending on the conditions and settings.

When a switch is touched, the function of each switch is displayed on the head-up display. If the head-up display is off, or when it is not possible to display content on the head-up display, the functions will be displayed on the multi-information display.

Also, preferred functions for each switch can be set on the center display.

- **B** Each time this switch is pressed, the functions will change.
- **C** Switch icon display

The icon of each switch will be displayed. The touched switch will be highlighted. (E)

**D** Switch function guide display

The function guide for the touched switch will be displayed.

#### Current electricity consumption/history screen

Electricity consumption information can be displayed on the center display.

#### Current electricity consumption screen



- **A** Resetting the history data
- **B** Electricity consumption in the past 15 minutes
- **C** Current electricity consumption
- **D** Average vehicle speed since the EV system was started.
- **E** Trip range
- F Elapsed time since the EV system was started.

Use the displayed average electricity consumption as a reference. The image is an example only, and may vary slightly from actual conditions.

#### History electricity consumption screen



- A Latest electricity consumption
- **B** Best recorded electricity consumption
- **C** Previous electricity consumption record
- **D** Resetting the history data
- **E** Updating the latest electricity consumption data

Use the displayed average electricity consumption as a reference. The image is an example only, and may vary slightly from actual conditions.

#### Displaying electricity consumption/history screen on the center display

- 1 Select 📾 on the main menu.
- 2 Select "Trip information".
- **3** Select "Current" or "History".

## Using the headlights

The headlights can be operated manually or automatically.

#### Turning the headlights on/off

Operating the -Ö switch turns on the lights as follows:



A U.S.A.

B Canada

- **EDOE** The side marker, parking, tail, 1 license plate, instrument panel lights, and daytime running lights turn on.
- 2 D The headlights and all the lights listed above (except daytime running lights) turn on.
- 3 AUTO The headlights, daytime running lights and all the lights listed above turn on and off automatically.
- OFF (U.S.A.) The daytime running 4 lights turn off.

#### Turning on the high beam headlights



1 With the headlights on, push the lever forward.

The high beam headlights will turn on.

Pull the lever to its original position to turn the high beam headlights off.

2 Pull the lever rearward and release it.

The high beams will flash once.

The high beam headlights can be illuminated this way even with the headlights off.

## AHS (Adaptive High-beam System) (if equipped)

The Adaptive High-beam System uses a front camera located on the upper portion of the windshield to detect the brightness of the lights of vehicles ahead, streetlights, etc., and automatically controls the light distribution of the headlights.

#### Using the Adaptive High-beam System





1 Press the Adaptive High-beam System switch.

2 Turn the headlight switch to the AUTO or

#### **ED** position.

When the headlight switch lever is in the low beam position, the AHS will be enabled and the AHS indicator will illuminate.



#### Changing to the high beams

Changing to the low beams



Push the lever forward.

The AHS indicator will turn off and the high beam indicator will turn on.

Pull the lever to its original position to enable the Adaptive High-beam System again.

Press the Adaptive High-beam System switch.

The AHS indicator will turn off.

Press the switch to enable the Adaptive High-beam System again.

#### Temporarily changing to the low beams



Pull the lever rearward and then return it to its original position.

The high beams will illuminate while the lever is pulled, however, after the lever is returned to its original position, the low beams will remain on for a certain amount of time. After this, the Adaptive High-beam System will operate.

## AHB (Automatic High Beam)

The Automatic High Beam uses a front camera located on the upper portion of the windshield to detect the brightness of the lights of vehicles ahead, streetlights, etc., and automatically changes the head lights between the high beams and low beams.

#### Using the Automatic High Beam system





1 Press the Automatic High Beam switch.

2 Turn the headlight switch to the AUTO or

**ED** position.

When the headlight switch lever is in the low beam position, the AHB system will be enabled and the AHB indicator will illuminate.

#### Changing to the high beams



#### Changing to the low beams

Push the lever forward.

The AHB indicator will turn off and the high beam indicator will turn on.

Pull the lever to its original position to enable the Automatic High Beam system again.



Press the Automatic High Beam switch.

The AHB indicator will turn off.

Press the switch to enable the Automatic High Beam system again.

#### Temporarily switching to the low beams



Pull the lever rearward and then return it to its original position.

The high beams will illuminate while the lever is pulled, however, after the lever is returned to its original position, the low beams will remain on for a certain amount of time. After this, the Automatic High Beam system will operate.

## Ensuring visibility in the rain

Operate the wiper lever to change the operation of wipers between manual and automatic operation or to operate the washers.

#### Using the front wipers

Operating the  $\sqrt{2}$  lever operates the wipers or washer as follows.



- 1 OFF (U.S.A.) or O (Canada) Off
- 2 AUTO Rain-sensing operation

The wipers operate automatically if the sensor detects rain. The system automatically adjusts the speed of the wipers in accordance with rain volume and vehicle speed.

- 3 LO (U.S.A.) or ▼ (Canada) Low speed operation
- 4 HI (U.S.A.) or ▼ (Canada) High speed operation
- 5 MIST (U.S.A) or △ (Canada) Temporary operation

#### Using the front washers



 $\bigoplus$  Pull the lever.

The front wipers and washers will operate.

The front wipers will automatically operate a couple of times after the front washers operate.

Vehicles with headlight cleaners: When the headlights are on and the lever is pulled and held, the headlight cleaners will operate once. After this, the headlight cleaners will operate every 5th time the lever is pulled.

#### Using the rear camera washer (if equipped)



Push the lever.

Clean the camera for Lexus parking assist monitor and Digital Rear-view Mirror (if equipped).
# Changing the driving mode

- 1 Select 📾 on the center display.
- 2 Select "Drive mode".
- **3** Select driving mode.



- 1 Normal mode
- 2 Sport mode

When the Sport mode is selected, Sport mode indicator will comes on.

3 Eco drive mode

When the Eco drive mode is selected, Eco drive mode indicator comes on.

4 Range mode

When the Range mode is selected, Range mode indicator comes on.

5 Custom mode

When the Custom mode is selected, Custom mode indicator comes on.

To change custom mode settings,



# **Basic Operation of Multimedia System**

# Map scrolling operation

The map can be moved and a touched point can be set as the center of the map screen.

#### Flick/drag operation



The map screen can be moved by touching, dragging or flicking it.

Touch "Recenter" to return the center of the map to the current position.

# Touch and hold operation

If a desired point on the map screen is touched and held, the full route map screen to the selected point will be displayed.



 V
 9355 John W. Elliott Dr

 935 John W.

**1** Touch and hold the desired point.

2 Full route map screen will be displayed for the selected point.

# Navigation

The navigation system indicates your present position and assists in locating a desired destination.

# Destination search screen

# Searching for a destination using the keyboard

A destination can be searched for by entering keywords.

1 Touch " 💽 " or " 🔍 " on the map screen.





- 4 Touch "Go".
- 5 Touch the desired item from the list.

**2** Touch "Search navigation".

**3** Enter characters using the keyboard.

# Searching for a destination by category

A destination can be searched for from a list of categories.

1 Touch " 💽 " or " 🔍 " on the map screen.



Work

Parking

- **2** Touch "Destinations".
- **3** Touch "Navigation".

**4** Touch the desired search method.

"Home": Touch to set the registered home as the destination. A point must be registered as home before using this function.\*

"Work": Touch to set the registered workplace as the destination. A point must be registered as a workplace before using this function.\*

"Favorites": Touch to set a registered favorite as the destination. A point must be registered as a favorite before using this function.

"Recents": Touch to set a destination from the destination history as the destination.

"Sent to car": Send to car enables customer to send a destination or POI to the vehicle from Lexus app.

"Parking": Touch to search for a nearby parking lot to set as a destination.

"Fuel/Charging": Touch to search for a fuel station/charging facility to set as a destination.

"Food": Touch to search for a restaurant to set as a destination.

"Hospitals": Touch to search for a hospital to set as a destination.

When setting a business as a destination, if your estimated time of arrival is outside of business hours or near closing time, a notification asking to confirm the destination will be displayed.

\*: Home and Work must be added via Lexus app.

5 Touch the desired destination from the list.

#### Editing the favorites list

The favorites list can be edited.

- 1 Touch " 💽 " or " 🔍 " on the map screen.
- 2 Touch "Destinations".
- **3** Touch "Favorites".



**5** Touch "Save".

# Editing the destination history

The destination history can be edited.

- 1 Touch " 💽 " or " 🔍 " on the map screen.
- 2 Touch "Destinations".
- **3** Touch "Recents".



**5** Touch "Save".

4 Touch " 🧪 ".

Touch " 🔵 " to delete a favorite.

The favorites list editing screen will be displayed.

4 Touch " 🖍 ".

The destination history editing screen will be displayed.

Touch " 🔵 " to delete a destination history item.

# Searching for a destination using voice controls

1 Touch " I or " Q " on the map screen.



2 Say the keyword you wish to use for the search.

**3** Touch or use voice command for desired result from list.

# **Connecting a Smartphone or Communication Device**

# Registering a Bluetooth $^{ extsf{R}}$ device from the multimedia system

A cellular phone or portable device must be registered in order to use hands-free calling or Bluetooth<sup>®</sup> audio. Once registration is complete, Bluetooth<sup>®</sup> will automatically be connected each time the multimedia system is started.

When Apple CarPlay/Android Auto is connected via USB, the device will be registered automatically.

If no Bluetooth<sup>®</sup> device is connected, the registration screen can also be displayed by pressing and holding the " $\infty$ " switch on the steering.

- 1 Touch " 🔯 " from the main menu.
- 2 Touch "Bluetooth & Devices" on the submenu. If no device is registered, proceed to Procedure 4.
- 3 Touch "Add another device".

While a device is connected to the multimedia system, the confirmation screen for disconnecting the device may be displayed. Disconnect the device to perform registration.

Settings + Bluetooth & Devices	
flanage devices	2
ives.	U*8
	14
	Search for LEXUS ## in your device's Bluetooth settings.
	Phone make care your desire is on and Blactanth is enabled
Q	Search for devices

4 Touch "Search for devices".

- **5** Touch the device to register from the main area.
  - ullet The Bluetooth  $^{\ensuremath{\mathbb{R}}}$  address may be displayed instead of the device name.
  - Certain models of Bluetooth<sup>®</sup> devices may not be displayed in the device list, unless a certain screen is displayed on the Bluetooth<sup>®</sup> device. Refer to the Bluetooth<sup>®</sup> device's instruction manual for details.

- 6 Check that the displayed PIN code matches the PIN code displayed on the Bluetooth<sup>®</sup> device, and then touch "OK".
  - ullet Some Bluetooth  $^{ extsf{R}}$  devices may need to be operated to complete registration.
  - When an HFP supported Bluetooth<sup>®</sup> device is registered, that device is automatically set as the primary device if the driver does not have a primary device set.
  - The Apple CarPlay or Android Auto settings may be displayed. The Apple CarPlay or Android Auto screen will be displayed if the use of either is enabled.
  - A message indicating that connection is complete is displayed, and the name of the registered Bluetooth<sup>®</sup> device is displayed in the submenu.
  - If an operation failed screen is displayed, follow the operation instructions on the screen.

# Registering from a Bluetooth<sup>®</sup> device

If the Bluetooth<sup>®</sup> device cannot be found by searching with the multimedia system, register by searching for the multimedia system from the Bluetooth<sup>®</sup> device.

- 1 Touch " 🔯 " from the main menu.
- 2 Touch "Bluetooth & Devices" on the submenu.

If no device is registered, proceed to Procedure 4.

**3** Touch "Add another device".

While a device is connected to the multimedia system, the confirmation screen for disconnecting the device may be displayed. Disconnect the device to perform registration.



- 4 Register the multimedia system from the Bluetooth<sup>®</sup> device to be used.
  - Perform the operation according to the operating procedure of the Bluetooth<sup>®</sup> device.
  - Be sure to display this Bluetooth<sup>®</sup> connection screen before performing registration on the Bluetooth<sup>®</sup> device.

- 5 Check that the displayed PIN code matches the PIN code displayed on the Bluetooth<sup>®</sup> device, and then touch "OK".
  - ullet Some Bluetooth  ${}^{(\!\!R)}$  devices may need to be operated to complete registration.
  - When an HFP supported Bluetooth<sup>®</sup> device is registered, that device is automatically set as the primary device if the driver does not have a primary device set.
  - The Apple CarPlay or Android Auto settings may be displayed. The Apple CarPlay or Android Auto screen will be displayed if the use of either is enabled.
  - A message indicating that connection is complete is displayed, and the name of the registered Bluetooth<sup>®</sup> device is displayed in the submenu.
  - If an operation failed screen is displayed, follow the operation instructions on the screen.

# Operating with the steering switches (Type A)

Some hands-free call functions can be operated from the steering switches, such as receiving or making calls. The steering switch functions change depending on the status of the multimedia system.



• Operate the switches as necessary. "+" switch

Increases the ringtone volume or receiver volume.

Press and hold to adjust continuously.

"-" switch

Decreases the ringtone volume or receiver volume.

Press and hold to adjust continuously.

# " ແຂ່ " switch

Calls can be made using Intelligent Assistant.

To end Intelligent Assistant, press and hold the talk switch.

# " 📞 " switch

- While a call cannot be made, displays call history screen or phone menu.
- Phone calls can be made when " 📞 " is displayed on the phone screen.
- While making a call or during a call, ends the call.
- While receiving a call or during call waiting, answers the call.

# Operating with the steering switches (Type B)

Some hands-free call functions can be operated from the steering switches, such as receiving or making calls. The steering switch functions change depending on the status of the multimedia system.

The steering switches are an electrostatic type. A switch functions when the switch is touched. The displayed switch functions and their position will vary depending on the state of the vehicle and multimedia system.



• Operate the switches as necessary.

" ��+" switch

Increases the ringtone volume or receiver

volume.

Press and hold to adjust continuously.

" 🗹 🗕 " switch

Decreases the ringtone volume or receiver volume.

Press and hold to adjust continuously.

" 🔬 " switch

Calls can be made using Intelligent Assistant.

To end Intelligent Assistant, press and hold the talk switch.

# " 📞 " switch

- While a call cannot be made, displays call history screen or phone menu.
- Phone calls can be made when " 📞 " is displayed on the phone screen.
- Change calls/put a call on hold during a call.
- While receiving a call or during call waiting, answers the call.

# " 🗖 " switch

- While making a call or during a call, ends the call.
- Decline an incoming call/call waiting call.

# Making calls from call history

Calls can be made to phone numbers that have been recorded in the call history as outgoing or incoming calls.

- 1 Touch " 📞 " from the main menu.
- 2 Touch "Recents" on the submenu.



# Making calls from the favorites list

Make a call from your favorites list.

- 1 Touch " 📞 " from the main menu.
- 2 Touch "Favorites" on the submenu.



3 Select the contact.

For phone numbers that are not registered in the contact, the phone number will be displayed as it is.

4 Touch the desired phone number.

- 3 Select the person you want to call from your favorites list.
- **4** Touch the desired phone number.

# Making calls from contacts

Make a call from the contacts registered on the multimedia system.

- 1 Touch " 📞 " from the main menu.
- 2 Touch "Contacts" on the submenu.
- **3** Select a contact.



4 Touch the desired phone number.

# Answering calls

When there is an incoming call, the incoming call sounds and the incoming call screen or incoming call notification is displayed.



- Answer the call by doing one of the following.
  - Touch " 📞 ".
  - Press the " C " switch on the steering.

# Making calls from the message function

Hands-free calls can be made using the message function.

• Touch the blue number to make a call.

Consecutive numbers may be recognized as phone numbers. In addition, some phone numbers, such as phone numbers from other countries, may not be recognized.

# **Basic Operation of Audio System**

# Changing the audio source

Source can be changed to radio, USB, etc.

- 1 Touch " 🞜 " from the main menu.
- 2 Touch "Sources".



Listening to the radio

Switch to your preferred frequency or service and listen to the radio.

- 1 Touch " 🕫 " from the main menu.
- 2 Touch "Sources".
- **3** Touch "Radio".
- 4 Select the station selection method or service as necessary.

"Favorites": Select a broadcasting station from those registered as favorites.

"Tune": Select the broadcasting station by entering a frequency with the numeric keypad.

"FM Radio": Switches to FM mode. The FM station list, the 3 most recently listened stations, and the receivable FM broadcasting stations are displayed.

"AM Radio": Switches to AM mode. The AM station list, the 3 most recently listened stations, and the receivable AM broadcasting stations are displayed.

"SiriusXM": Switches to SiriusXM Radio mode. Displays "For You" and contents/Super Categories/"All channels"/"Listening History". (This function is not available in some countries or areas)

**5** Select the broadcasting station from the station list or genre.

**3** Touch the source you wish to select.

6 Operate the radio that is being received as necessary.

• Operating AM/FM from the screen

4	< FM Radio + 88.1				
	Faiottes	Edit	88.1		Ø
5.	700	- 10	KNTU Jazz WNTU		
G	<b>—</b> 1700	-		Song name	
<u>à</u>	The Bridge			My Artist	
	90.9				
¢.	Q Sources		- Ch +	Scan =	

"Ch": Touch "—" or "+" to search for the receivable broadcasting stations. Touch and hold to jump to the next frequency with available radio signal. When released, the broadcasting station closest to that position with the best reception sensitivity is selected automatically.

"Scan": SEEK UP and output the audio of the detected station for 10 sec. This is repeated.

" 12 ": Displayed when Multicast CH is supported in FM mode. Touch to display the SPS channel list. The mode can be changed to the displayed SPS channel list.

" ?: Registers the currently received broadcasting station in favorites. When registered, touch to cancel.

Preset buttons of submenu: Receive the registered broadcasting stations.

#### Operating SiriusXM Radio from the screen (This function is not made available in some countries or areas)



"Ch": Touch " — " or " + " to search for the receivable channels. Touch and hold to jump to the next frequency with available radio signal. When released, the current channel is received.

"  $| \triangleleft$  "/"  $\triangleright |$  ": Fast rewind or fast forward the radio cache. Touch and hold to jump to the start or end of the buffer.

" III ": Pause the radio cache.

" ▷ ": Play the radio cache.

"Related": Displays content related to the received channel.

"Notify me": Select an artist or song, or both an artist and song, to receive a notification when the corresponding broadcast starts. (When receiving a regular channel) Select a sports team to receive a notification when the corresponding broadcast starts. (When receiving a sport channel)

" 💟 ": Registers the currently received channel in favorites. When registered, touch to cancel.

Preset buttons of sub menu: Receive the registered channels.

Operating with the steering switches

#### Type A



"<"/">"switches

AM/FM Radio

Switch the frequencies or broadcasting stations registered in the preset buttons in order.

Press and hold to switch frequencies. When released, the broadcasting station closest to that position with the best reception sensitivity is selected automatically.

• SiriusXM Radio

Switch the channels registered in the preset buttons in order.

Press and hold to switch channels. When released, the channel closest to that position with the best reception sensitivity is selected automatically.





"<"/">"switches

This switch can be used if set as a favorite steering switch through customization.

For the customization procedure, refer to the "OWNER'S MANUAL".

• AM/FM Radio

Switch the frequencies or broadcasting stations registered in the preset buttons in order.

Press and hold to switch frequencies. When released, the broadcasting station closest to that position with the best reception sensitivity is selected automatically.

• SiriusXM Radio

Switch the channels registered in the preset buttons in order.

Press and hold to switch channels. When released, the channel closest to that position with the best reception sensitivity is selected automatically.

# Playing iPod/iPhone

Play back music files on an iPod/iPhone connected to the USB port. When an iPod/iPhone is connected, a button with the device's name is displayed on the source selection screen. This may not be displayed for some devices.

Connect an iPod or iPhone.

- 1 Touch " 🞜 " from the main menu.
- 2 Touch "Sources".
- 3 Touch the device name or "USB".
- 4 Operate the iPod or iPhone that is playing as necessary.
- Perform operations from the screen

t iPhone	
<i>₹</i> ₀	Track name 01 Album name 01 Antici name 01
Browse	02.01 03.20
Q Sources	× 14 m Þi ≓

" 🔀 ": Performs shuffle playback. Each touch switches the shuffle setting.\*

" Id ": Plays the currently playing track from the beginning. When at the start of the track, the previous track will play from the beginning.

Touch and hold to fast rewind. Release to start playback from that position.

" 🔲 ": Pauses playback.

" DI ": Switches the tracks. Touch and hold to fast forward. Release to start playback from that position.

<sup>&</sup>quot; ▷ ": Plays.

" 😅 ": Performs repeat playback. Each touch switches the repeat setting.\*

"Browse": Displays the playback mode in the submenu. Tracks can be selected from a list sorted by artist, album, song, playlist, genre, Podcast, composer, audiobook, or radio. "Shuffle play" is displayed when playing a track selected from the list. Touch this to return to the playback screen and perform shuffle playback.

- \*: The order in which shuffle or repeat settings switch depends on the connected device.
- Operating with the steering switches

#### Type A



#### ► Type B

"<"/">"switches

Switch the tracks.

Press and hold to fast rewind or fast forward. Release to start playback from that position.



#### "<"/">"switches

This switch can be used if set as a favorite steering switch through customization.

For the customization procedure, refer to the "OWNER'S MANUAL".

Switch the tracks.

Press and hold to fast rewind or fast forward. Release to start playback from that position.

# Lexus Climate Concierge

The climate control seats are automatically controlled according to the set temperature of the air conditioning system, outside temperature, cabin temperature, etc. Lexus Climate Concierge allows a comfortable condition to be maintained without adjusting each system.

# Turning on Lexus Climate Concierge

Lexus Climate Concierge operates in conjunction with "AUTO" of the air conditioning system.

- 1 Select the option screen switch.
- 2 Select the "Climate concierge" switch.
- **3** Turn the "AUTO" switch on.

# Air conditioning controls

# Option screen switch



# Adjusting the temperature

Turn temperature control dial clockwise to increases the temperature and turn the dial counterclockwise to decreases the temperature.

When the indicator on the "Sync" switch is illuminated, the temperature setting for the front passenger's side will match the setting for the driver's side.

When the indicator on the "Sync" switch is off, turning the "Sync" switch on will illuminate the "Sync" switch indicator and the temperature setting for the front passenger's side will become the same as that for the driver's side.

When the front passenger's side temperature adjustment switch is operated, the indicator on the "Sync" switch will turn off and the temperature setting for the front passenger's side will be able to be adjusted.

When the indicator on the "A/C" switch is off, the blower and heater can be used.

# Setting the fan speed

To increase the fan speed, select the "+" fan speed adjustment switch or slide the icon of the fan speed adjustment switch right. To decrease the fan speed, select the "-" fan speed adjustment switch or slide the icon of the fan speed adjustment switch left.

Select the "Off" switch to turn the fan off.

The fan can also be stopped by touching and holding the "-" fan speed adjustment switch or sliding the icon of the fan speed adjustment switch to the leftmost position and holding it.

# Changing the air flow mode

Select the airflow mode control switch.

The airflow mode changes each time the switch is selected.

The air outlets and air volume changes according to the selected air flow mode.



: Air flows to the upper body



: Air flows to the upper body and feet



Air flows to the feet



: Air flows to the feet and the windshield defogger operates

# **Starting Voice Control**

Voice control can be started by any of the following operations:

# Press the talk switch

Press the " 🔣 " switch (talk switch) on the steering.

#### ► Type A



► Type B



The position of each switch function will vary depending on the state of the vehicle and multimedia system.

# Say the wake word



Say "Hey Lexus"

• The wake word can be turned on or off.

• The wake word can be used and then immediately issue a voice command.

Example: "Hey Lexus, take me to an Italian restaurant."

# Touch the voice search button





# **Function** list

The following tables list frequently used commands for each function category.

- The functions available may vary according to the system installed.
- Items with "Subscription" will require Intelligent Assistant functionality.

#### Common

Action	Example voice command	Subscription
Shows list of general commands	"Help"	No
Stops the current con- versation and re-starts at the beginning	"Start over"	No
Cancels the Intelligent Assistant system	"Cancel"	No

#### Navigation

Intelligent Assistant system enables navigation voice search. This allows you with variety of features such as searching a point of interest (POI), navigate to an address as well as discovering new POIs.

Function	Example voice command	Subscription
Destination search	"Take me to <location business="" category="" name="">" "Take me to an Italian restaurant" "Take me to <address>" "Take me to 6565 Headquarters drive Plano TX" "Take me home" "Take me to work"</address></location>	Yes
Map control	"Map zoom in" "Map zoom out"	Yes
Route information	"Cancel trip"	Yes
Telematics	"Call destination assist"	No

# Multimedia control

Allows you to engage in a dialog with the Intelligent Assistant to complete various multimedia tasks via voice input.

Function	Example voice command	Subscription
Radio	"Tune to 99.5 FM" "Tune to Rock on FM" "Tune to channel 2 on SiriusXM"	No
Media	"Mute audio" "Next" "Previous"	No
Media Streaming	"Play <artist album="" genre="" playlist="" song="">" "Play Frank Sinatra"</artist>	Yes

#### Hands-free phone operation

Allows you to engage in a dialog with the Intelligent Assistant to complete various tasks via voice input, such as making a phone call to a contact, or calling destination assist.

Function	Example voice command	Subscription
Phone call	"Call John Smith" "Dial 0123456789" "Call back" "Redial"	No
Message	"Send message to John Smith" "Read message"	No

# Screen display switching

Allows you to easily change to various function screen by voice.

Function	Example voice command	Subscription
Navigation	"Show map"	Yes
Phone	"Show recent calls"	No
Multimedia	"Show the FM station list"	No
Settings	"Show display settings"	No

# Vehicle device control

Allows you to easily change a vehicle setting or activate a function by voice.

Function	Example voice command	Subscription
Climate	"Turn on the air conditioner" "Set the temperature to 70 degrees" "Turn the fan speed up"	No

# Notifications

Offers notifications based on user preferences, vehicle geolocation and learned behavior. Each service can be set to On/Off from the Lexus app.

Function	Detail	Subscription
POI suggestion (Navigation)	Parking suggestions near destination	Yes
Low battery charge reminder (Navigation)	Automatically notifies user of low battery charge level. If applicable, provides POI list nearby (ahead) or along route and allows user to select and navigate by touch.	Yes

# Connecting a device via the USB port

Connect a device such as smartphone or portable player.

• Connect the USB cable to the port.



When connecting a USB flash drive, connect it directly to the USB port.

# Safety Connect

Safety Connect is a subscription-based telematics service that uses Global Positioning System (GPS) data and embedded cellular technology to provide safety and security features to subscribers. Safety Connect is supported by Lexus' designated response center, which operates 24 hours per day, 7 days per week.

Safety Connect service is available by subscription on select, telematics hardwareequipped vehicles.

By using the Safety Connect service, you are agreeing to be bound by the Telematics Subscription Service Agreement and its Terms and Conditions, as in effect and amended from time to time, a current copy of which is available at <u>Lexus.com</u>. All use of the Safety Connect service is subject to such then-applicable Terms and Conditions.

# System components



- A Microphone
- B LED light indicators
- C "SOS" button

# Services

Subscribers have the following Safety Connect services available:

- Automatic Collision Notification<sup>\*</sup> Helps drivers receive necessary response from emergency service providers.
   \*: U.S. Patent No. 7,508,298 B2
- Stolen Vehicle Location Helps drivers in the event of vehicle theft. Emergency Assistance Button ("SOS") Connects drivers to response-center support.
- Enhanced Roadside Assistance Provides drivers various on-road assistance.

# Subscription

After you have signed the Telematics Subscription Service Agreement and are enrolled, you can begin receiving services.

A variety of subscription terms is available for purchase. Contact your Lexus dealer, call the following or push the "SOS" button in your vehicle for further subscription details.

The United States
 1-800-25-LEXUS (1-800-255-3987)

• Canada 1-800-26-LEXUS (1-800-265-3987)

Puerto Rico
 1-877-539-8777

# Safety Connect LED light Indicators

When the power switch is turned to ON, the red indicator light comes on for 2 seconds then turns off. Afterward, the green indicator light comes on, indicating that the service is active.

The following indicator light patterns indicate specific system usage conditions:

- Green indicator light on = Active service
- Green indicator light flashing = Safety Connect call in process
- Red indicator light (except at vehicle start-up) = System malfunction (contact your Lexus dealer)
- No indicator light (off) = Safety Connect service not active

# Safety Connect services

# Automatic Collision Notification

In case of either airbag deployment or severe rear-end collision, the system is designed to automatically call the response center. The responding agent receives the vehicle's location and attempts to speak with the vehicle occupants to assess the level of emergency. If the occupants are unable to communicate, the agent automatically treats the call as an emergency, contacts the nearest emergency services provider to describe the situation, and requests that assistance be sent to the location.

# Stolen Vehicle Location

If your vehicle is stolen, Safety Connect can work with local authorities to assist them in locating and recovering the vehicle. After filing a police report, call the Safety Connect response center at 1-800-25-LEXUS (1-800-255-3987) in the United States, 1-877-539-8777 in Puerto Rico or 1-800-265-3987 in Canada, and follow the prompts for Safety Connect to initiate this service.

In addition to assisting law enforcement with recovery of a stolen vehicle, Safety-Connectequipped vehicle location data may, under certain circumstances, be shared with third parties to locate your vehicle. Further information is available at Lexus.com.

# Emergency Assistance Button ("SOS")

In the event of an emergency on the road, push the "SOS" button to reach the Safety Connect response center. The answering agent will determine your vehicle's location, assess the emergency, and dispatch the necessary assistance required.

If you accidentally press the "SOS" button, tell the response-center agent that you are not experiencing an emergency.

#### Enhanced Roadside Assistance

Enhanced Roadside Assistance adds GPS data to the already included warranty-based Lexus roadside service.

Subscribers can press the "SOS" button to reach a Safety Connect response-center agent, who can help with a wide range of needs, such as: towing, flat tire, fuel delivery, etc. For a description of the Roadside Assistance services and their limitations, please see the Safety Connect Terms and Conditions, which are available at Lexus.com.

# Safety information for Safety Connect

Important! Read this information about exposure to radio frequency signals before using Safety Connect;

The Safety Connect system installed in your vehicle is a low-power radio transmitter and receiver. It receives and also sends out radio frequency (RF) signals.

In August 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for mobile wireless phones. Those guidelines are consistent with the safety standards previously set by the following U.S. and international standards bodies.

- ANSI (American National Standards Institute) C95.1[1992]
- NCRP (National Council on Radiation Protection and Measurement) Report 86 [1986]
- ICNIRP (International Commission on Non-Ionizing Radiation Protection) [1996]

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. Over 120 scientists, engineers, and physicians from universities, and government health agencies and industries reviewed the available body of research to develop the ANSI Standard (C95.1).

The design of Safety Connect complies with the FCC guidelines in addition to those standards.

# Locking/unlocking the doors

# Operations using the wireless remote control

#### Lock/unlock the doors using wireless remote control



1 Locks all the doors

Check that the door is securely locked.

2 Unlocks all the doors

Pressing the button unlocks the driver's door. Pressing the button again within 3 seconds unlocks the other doors.

# Using the door lock switches

The vehicle can be locked and unlocked using the entry function, wireless remote control or door lock switches.

# Locking/unlocking the doors with the door lock switches



 Driver's door: Locks all the doors Doors other than the driver's door: Locks the doors

The indicator **A** comes on.

2 Driver's door: Unlocks all the doors Doors other than the driver's door: Unlocks the doors

The indicator **A** turns off.

# Opening/closing the doors

# Opening the doors

# Outside the vehicle



When the doors are locked:

While carrying an electronic key, press the door opener switch  $\frown$  of the door handle and open the door.

Make sure to securely press the door opener switch **A** on the inner side of the door handle with the electronic key within the detection area.

When the doors are unlocked:

Press the door opener switch **A** of the door handle to open the door.

Make sure to securely press the door opener switch **A** on the inner side of the door handle.

#### Inside the vehicle



#### Driver's door:

Even if the door is locked, pressing the front side of the door opener switch **A** will open the door.

The door will unlock and the door lock indicator will turn off.

Passenger doors:

Press the door lock switch to unlock the door, and then pressing the front side of the door opener switch  $[\mathbf{A}]$  to open the door.

The door will unlock and the door lock indicator will turn off. Preventing the rear doors from being opened from the inside of the vehicle (child-protector lock)



The door cannot be opened from inside the vehicle when the lock is set.

- 1 Unlock
- 2 Lock

These locks can be set to prevent children from opening the rear doors. Push down on each rear door switch to lock both rear doors.

# Operations using the power window switches

#### Opening/closing the windows using the power window switch



- Lift the power window switch partway. The window will close while the switch is lifted.
- Fully lift the power window switch.
  The window will fully close automatically.

To stop the window partway, operate the switch in the opposite direction.

**3** Push the power window switch partway.

The window will open while the switch is pushed.

4 Fully push the power window switch.

The window will fully open automatically.

To stop the window partway, operate the switch in the opposite direction.

# Operations using the wireless remote control

The power windows can be opened using the wireless remote control.\*

\*: These settings must be customized at your Lexus dealer.

# Open the windows using the wireless remote control

Using the wireless remote control, the doors can be unlocked and all of the windows opened at the same time.  $\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!$ 

\*: This setting must be customized at your Lexus dealer.



Push and hold the unlock switch on the wireless remote control.

The doors will unlock and the windows will open.

# Prevent accidental operation of the windows

The window lock switch is designed to prevent children from accidentally opening or closing a window.



Press the window lock switch.

The indicator **A** will come on and the passenger windows will be locked.

# Using the panoramic fixed moon roof with one-touch frosted glass control<sup>\*</sup>

# \*: If equipped

Use the overhead switches to change the moon roof between opaque and transparent.

# Changing the moon roof between opaque and transparent



Press the dimming switch.

The moon roof is changed between opaque and transparent each time the dimming switch is pressed.

The indicator **A** on the dimming switch turns on when the moon roof is transparent.

# When charging





- 1 Prepare the AC charging cable.
- 2 Insert the plug of the AC charging cable into the socket of the external power source.

Make sure to hold the body of the plug and insert it firmly into the socket.

If there is a switch that can switch the power supply to the socket, turn it on.

Check that the power indicator on the CCID (Charging Circuit Interrupting Device) is illuminated.

(If it is not illuminated, refer to)

In order to reduce the load on the socket and plug, when inserting the plug, use a string, etc., to hang the CCID (Charging Circuit Interrupting Device) on a hook or equivalent.

**3** Unlock the doors and open the charging port lid.

The charging inlet light will illuminate.






4 Remove the charging connector cap and secure it to the cable.

5 Insert the charging connector into the AC charging inlet.

Align the guide position on the bottom of the charging connector, and push the charging connector straight into the AC charging inlet as far as possible. Once a click sound is heard, check that the charging connector is securely connected.

If the doors are locked, the charging connector is locked.

If the charging connector is inserted with the doors locked, the charging connector is automatically locked.

6 Confirm that the charging indicator of the charging port is illuminated.

Charging will not start if the charging indicator does not illuminate when the charging connector is inserted.

If the charging indicator is flashing, the charging schedule is registered.

If the error warning indicator on the CCID (Charging Circuit Interrupting Device) flashes during charging, check and follow the correction procedure.

The charging indicator will turn off when charging is completed.

The charging indicator will also turn off when charging is interrupted.

# After charging









**1** Unlock the doors to unlock the charging connector.

The charging connector will be unlocked and the charging inlet light will illuminate when the doors are unlocked.

2 Pull the charging connector towards you while pressing the latch release button.

If the latch release button is pressed during charging (while the charging indicator is illuminated), charging will be interrupted.

**3** Attach the charging connector cap.

4 Close the charging port lid. Lock the doors to lock the charging port lid.

5 Remove the plug from the socket when the charging equipment will not be used for a prolonged period of time.

Hold the body of the plug when removing.

Make sure to put the cable away immediately after disconnecting.

When leaving the plug inserted, inspect the plug and connector once a month to check if dirt or dust has accumulated.

# How to use DC charging

## When charging







 Unlock the doors and open the charging port lid.

The charging inlet light will illuminate.

**2** Open the DC charging inlet cap.

**3** Insert DC charging connector firmly and fully into the charging inlet

Insert the DC charging connector and it will lock automatically.

The DC charging connector shape and treatment will differ depending on the type of DC charger. Perform the operations in accordance to handling procedures of the DC charger.

4 Operate the DC charger and start the charging.

Follow the handling procedures of the DC charger to start charging.

Charging starts after a system check is done.

Stop the charging in accordance to the handling procedures of the DC charger when it is desired to interrupt the DC charging.

# Back door functions and operation

The back door can be locked/unlocked and opened/closed by the following procedures.

## Operating the back door using the smart access system with push-button start

The back door can be locked/unlocked while carrying an electronic key or the card key. The driver should always carry the electronic key or the card key.

## Lock/unlock the back door using smart access system with push-button start



Perform the following while carrying an electronic key.

1 Press 1.

All of the doors will unlock. However, the doors cannot be unlocked within 3 seconds after they were locked.

2 Press 2.

All of the doors will lock. Make sure that the doors are securely locked.

Back door operations using the back door operation switch inside the vehicle (vehicles with the power back door)

## Opening/closing the back door from the inside



Press the for 1 second.

A buzzer sounds and the back door automatically opens and closes.

Pressing the **cont** while the back door is opening/closing stops the operation.

When the **cont** is pressed again during the halted operation, the back door will perform the reverse operation.

# Back door operations using the kick sensor (vehicles with Hands Free Power Back Door)

Open/close the back door using the kick sensor (vehicles with Hands Free Power Back Door)





1 While carrying an electronic key, stand within the smart access system with push-button start operation range, approximately 19.7 to 27.6 in. (50 to 70 cm) from the rear bumper.



- **B** Hands Free Power Back Door operation detection area
- **C** Smart access system with push-button start operation detection area
- Perform a kick operation by moving your foot to within approximately 3.9 in. (10 cm) of the rear bumper, and then pulling your foot back after the buzzer sounds.
  - Perform the entire kick operation within 1 second.
  - The Hands Free Power Back Door will not start operating while a foot is detected under the rear bumper.
  - Operate the Hands Free Power Back Door without contacting the rear bumper with your foot.
  - If another electronic key is in the cabin or luggage compartment, it may take slightly longer than normal for the operation to occur.
  - If the buzzer sounds twice, perform a kick operation again.
- A Kick sensor
- **B** Hands Free Power Back Door operation detection area

**3** When the kick sensor detects that your foot is pulled back, a buzzer will sound and the power back door will automatically fully open/close.

If kick operation is performed again in the middle of back door operating, the operation will stop.

# Garage door opener and its performance

The garage door opener can be programmed using the HomeLink  $^{\textcircled{R}}$  to operate garage doors, gates, entry doors, door locks, home lighting systems, security systems, and other devices.

## HomeLink<sup>®</sup> programming procedure

The programming procedures can also be found at the following URL.

Website: www.homelink.com/lexus



For support, contact customer support at the following.

Help Line: 1-800-355-3515

## System components

The HomeLink  $^{\textcircled{R}}$  wireless control system in your vehicle has 3 buttons which can be programmed to operate 3 different devices.

### ▶ Vehicles with auto anti-glare inside rear view mirror



- A HomeLink<sup>®</sup> indicator light
- **B** Garage door operation indicators
- $\mathbf{C}$  HomeLink<sup>®</sup> icon

Illuminates while  $\mathsf{HomeLink}^{\textcircled{R}}$  is operating.

**D** Buttons

#### Vehicles with Digital Rearview Mirror



A HomeLink<sup>®</sup> logo

Appears while HomeLink<sup>®</sup> is operating. When the menu button is pressed, the logo disappears even while the HomeLink<sup>®</sup> is operating.

**B** Garage door operation indicators

**C** HomeLink<sup>®</sup> indicator lights

Illuminates above each button selected.

**D** Buttons

## Program the HomeLink $^{\mathbb{R}}$

Before programming the HomeLink  $^{\textcircled{R}}$  , perform the following:

- During programming, it is possible that garage doors, gates, or other devices may operate. For this reason, make sure that people and objects are clear of the garage door or other devices to prevent injury or other potential harm.
- It is recommended that a new battery be placed in the remote control transmitter for more accurate programming.

The battery side of the transmitter must be pointed away from the HomeLink  $^{\textcircled{R}}$  buttons.

• Garage door opener motors manufactured after 1995 may be equipped with rolling code protection. If this is the case, you may need a stepladder or other sturdy, safe device to reach the "learn" or "smart" button on the garage door opener motor.

Steps **1** through **3** must be performed within 60 seconds, otherwise the HomeLink<sup>®</sup> indicator light will stop flashing and programming will not be successfully completed.

- 1 Press and release the HomeLink<sup>®</sup> button you want to program and check that the HomeLink<sup>®</sup> indicator light flashes orange.
- 2 Point the remote control transmitter for the device at the rear view mirror, 1 to 3 in. (25 to 75 mm) from the HomeLink<sup>®</sup> buttons.

Keep the  $\mathsf{HomeLink}^{\textcircled{R}}$  indicator light in view while programming.

## ▶ Vehicles with auto anti-glare inside rear view mirror



► Vehicles with Digital Rearview Mirror



**3** Program a device.

## ► Vehicles with auto anti-glare inside rear view mirror



Vehicles with Digital Rearview Mirror



• Programming a device other than an entry gate (for U.S.A. owners):

Press and hold the remote control transmitter button until the HomeLink<sup>®</sup> indicator light changes from slowly flashing orange to rapidly flashing green (rolling code) or continuously lit green (fixed code), then release the button.

 Programming an entry gate (for U.S.A. owners)/Programming a device in the Canadian market:

Press and release the remote control transmitter button at 2 second intervals, repeatedly, until the HomeLink<sup>®</sup> indicator light changes from slowly flashing (orange) to rapidly flashing (green) (rolling code) or continuously lit (green) (fixed code).

- 4 Test the HomeLink<sup>®</sup> operation by pressing the newly programmed button and observing the indicator light:
  - HomeLink<sup>®</sup> indicator light illuminates: Programming of a fixed code device has completed. The garage door or other device should operate when a HomeLink<sup>®</sup> button is pressed and released.
  - HomeLink<sup>®</sup> indicator light flashes rapidly: The garage door opener motor or other device is equipped with a rolling code. To complete programming, firmly press and hold the HomeLink<sup>®</sup> button for 2 seconds then release it.
  - $\bullet\,$  If the garage door or other device does not operate, proceed to  ${\rightarrow} P.81$
- 5 Repeat the steps above to program another device for any of the remaining HomeLink<sup>®</sup> buttons.

## Programming a rolling code system





1 Locate the "Learn" or "Smart" button on the garage door opener motor in the garage.

> This button can usually be found where the hanging antenna wire is attached to the unit. The name and color of the button may vary by manufacturer. Refer to the owner's manual supplied with the garage door opener motor for details.

2 Press and release the "Learn" or "Smart" button.

Perform 3 within 30 seconds after performing 2.

Press and hold the desired HomeLink<sup>®</sup> button (inside the vehicle) for 2 seconds and release it. Repeat this sequence (press/hold/release) up to 3 times to complete programming.

If the garage door opener motor operates when the HomeLink  $^{\textcircled{R}}$  button is pressed, the garage door opener motor recognizes the HomeLink  $^{\textcircled{R}}$  signal.

▶ Vehicles with auto anti-glare inside rear view mirror



Vehicles with Digital Rearview Mirror



# 2-way communication with a garage door and its performance

When enabled, 2-way communication allows you to check the status of the opening and closing of a garage door through indicators in your vehicle.

2-way communication is only available if the garage door opener motor used is a compatible device.

To check device compatibility, refer to <u>www.HomeLink.com</u>.

# Enable 2-way communication with a garage door

1 Within 5 seconds after programming the garage door opener has been completed, if the garage door opener motor is trained to HomeLink<sup>®</sup>, both garage door operation indicators will flash rapidly green and the light on the garage door opener motor will blink twice, indicating that 2-way communication is enabled.

If the indicators do not flash, perform 2 and 3 within the first 10 presses of the HomeLink  $^{\textcircled{R}}$  button after programming has been completed.

- **2** Press a programmed HomeLink<sup>®</sup> button to operate a garage door.
- **3** Within 1 minute of pressing the HomeLink<sup>®</sup> button, after the garage door operation has stopped, press the "Learn" or "Smart" button on the garage door opener motor.

Within 5 seconds of the establishment of 2-way communication, both garage door operation indicators will flash rapidly in green. Additionally, the light on the garage door opener motor will blink twice, indicating that 2-way communication is enabled.

# Operate the HomeLink $^{\mathbb{R}}$

This function is only available if the garage door opener motor used is a compatible device. To check device compatibility, refer to <u>www.HomeLink.com</u>.

Vehicles with auto anti-glare inside rear view mirror





Press the appropriate HomeLink<sup>®</sup> button.

The HomeLink  $^{\textcircled{R}}$  indicator light will turn on. The status of the opening and closing of a garage door is shown by the indicators as follows.

- Orange (flashing): Currently opening/closing
- Green: Opening/closing has completed
- Red (flashing): Feedback signals cannot be received
- The indicators can operate within approximately 820 ft. (250 m) of the garage door. However, if there are obstructions between the garage door and the vehicle, such as houses and trees, feedback signals from the garage door may not be received.

● To recall the previous door operation status, press and release either HomeLink<sup>®</sup> buttons ∵ and ∵ or ∵ and ∵ (vehicles with auto anti-glare inside rear view mirror),

 $\square$  and  $\square$  or  $\square$  and  $\square$  (vehicles with Digital Rearview Mirror), simultaneously. The last recorded status will be displayed for 3 seconds.

# Reprogram the HomeLink ${}^{\mathbb{R}}$

When the following procedure is performed, buttons which already have devices registered to them can be overwritten:

- 1 Press and hold the desired HomeLink<sup>®</sup> button.
- 2 When the HomeLink<sup>®</sup> indicator starts flashing orange, release the HomeLink<sup>®</sup> button.
- **3** Press and release the HomeLink<sup>®</sup> button you want to program and check that the HomeLink<sup>®</sup> indicator light flashes orange.

It takes 20 seconds for the HomeLink  ${}^{\textcircled{R}}$  indicator to start flashing.

# Erase the entire HomeLink<sup>®</sup> memory

When selling your vehicle, be sure to erase the registered codes from the  $\mathsf{HomeLink}^{\circledast}$  memory.

Vehicles with auto anti-glare inside rear view mirror



Vehicles with Digital Rearview Mirror



Press and hold the 2 outer HomeLink<sup>®</sup> buttons for 10 seconds. Check that the HomeLink<sup>®</sup> indicator light changes from continuously lit in orange to rapidly flashing in green. All codes registered to memory will be erased.

# Warning lights and indicators

## List of warning lights

Warning lights inform the driver of malfunctions in the indicated vehicle's systems.





(Canada) (red) Brake system warning light<sup>\*1</sup>



Rear passengers' seat belt reminder light (vehicles with a head-up display)



Tire pressure warning light  $^{*1,3}$ 



LDA indicator



LTA indicator



PDA indicator



Cruise control indicator



Dynamic radar cruise control indicator



PCS warning light\*1



Driving assist information indicator<sup>\*1</sup>



Intuitive parking assist OFF indicator (if equipped)<sup>\*1</sup>

(yellow)

()

Charging system warning light<sup>\*2</sup>

Brake system warning

liaht\*1



Traction battery charge warning light



SRS warning light\*1



ABS warning light\*1



ABS warning light



Inappropriate pedal operation warning light<sup>\*2</sup>



Electric power steering system warning light \*1



Driver's and front passenger's seat belt reminder light



Rear passengers' seat belt reminder light (vehicles without a head-up display)



Slip indicator<sup>\*1</sup>



Brake hold operated indicator \*1



Parking brake indicator

- \*1: These lights come on when the power switch is turned to ON to indicate that a system check is being performed. They will turn off after the EV system is started, or after a few seconds. There may be a malfunction in a system if the light does not come on, or turn off. Have the vehicle inspected by your Lexus dealer.
- \*<sup>2</sup>: This light illuminates on the multi-information display.
- \*3: It also comes on due to natural causes such as natural air leaks and tire inflation pressure changes caused by temperature. Adjust the tire inflation pressure to the specified level. The light will turn off after a few minutes. In case the light does not turn off even if the tire inflation pressure is adjusted, have the system checked by your Lexus dealer.

# List of indicators

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



Turn signal indicator



Headlight indicator



Tail light indicator



Headlight high beam indicator



AHS indicator (if equipped)<sup>\*1</sup> AHB indicator<sup>\*1</sup>



PCS warning light \*1, 2



Cruise control indicator



Dynamic radar cruise control indicator



LDA indicator



LTA indicator



REC indicator



PDA indicator



- \*1: These lights come on when the power switch is turned to ON to indicate that a system check is being performed. They will turn off after the EV system is started, or after a few seconds. There may be a malfunction in a system if the light does not come on, or turn off. Have the vehicle inspected by your Lexus dealer.
- $^{*2}$ : This light comes on when the system is turned off.
- \*3: When the outside temperature is approximately 37°F (3°C) or lower, this indicator will flash for approximately 10 seconds, then stay on.
- \*<sup>4</sup>: This light illuminates on the outside rear view mirrors.
- \*5: This light illuminates on the front interior/personal lights.
- \*6: This light comes on when the stop lights are illuminated by the operation of the brake pedal or the driving assist system.

# When the doors/windows cannot be operated using an electronic key

## Using the mechanical key



To take out the mechanical key, push the release button and take the key out.

The mechanical key can only be inserted in one direction, as the key only has a groove on one side. If the key cannot be inserted in a lock cylinder, turn it over and attempt to insert it again.

After using the mechanical key, return it to its original position and carry it with the electronic key. If the electronic key battery is depleted, the entry function is not operating properly, or the vehicle 12-volt battery is discharged, you will need the mechanical key.

## Locking and unlocking the doors



1 Insert a plastic card, etc. into the gap in the door handle to pry up the cover.

To avoid damage, do not apply excessive force to the cover.



2 Remove the cover by pressing it on the rear.

**3** Use the mechanical key in order to perform the following operations:

- Unlocks all the doors
  Turning the key unlocks the driver's door.
  Turning the key again unlocks the other doors.
- 2 Locks all the doors

# Starting the EV system when the electronic key is not operating normally



- 1 Ensure that the shift position is in P and depress the brake pedal.
- 2 Touch the Lexus emblem side of the electronic key to the power switch.

When the electronic key is detected, a buzzer will sound and the power switch mode will change to ON.

If the smart access system with pushbutton start has been disabled by a customization setting, the power switch mode will change to ACC.

- **3** Firmly depress the brake pedal and check that *is* shown on the multi-information display.
- 4 Press the power switch shortly and firmly.

In the event that the EV system still cannot be started, contact your Lexus dealer.

If you need further assistance, contact your Lexus dealer.

If the electronic key battery becomes depleted, a warning message will be shown on the multi-information display. Replace the battery with a new one. For instructions on replacing the battery, refer to the "OWNER'S MANUAL".

If you need further assistance, contact your Lexus dealer.

# If the EV system will not start

Make sure that the correct operating procedures have been followed.

Make sure that the brake pedal is firmly depressed when attempting to start the EV system.

If the EV system still does not start, see the "OWNER'S MANUAL" for more information or contact your Lexus dealer.

If the EV system still does not start, see the "OWNER'S MANUAL" for more information or contact your Lexus dealer.

# If a door cannot be opened using the door opener switch

If a door cannot be opened using the door opener switch, it can be opened using a manual release handle.

# Opening a door using the manual release handle

#### Outside the vehicle



Pull the manual release handle **A** to open the door.

Normally, the manual release handles cannot be used to open the doors.

To open a door, enable manual release handle operation.



Pull the manual release handle **A** twice to open the door.

Pulling the handle once will enable operation. Pulling the handle again will open the door.

### Enabling outside manual release handle operation using the mechanical key

Operation of a manual release handle can be enabled by unlocking a door with the mechanical key.





1 Insert a plastic card, etc. into the gap in the door handle to pry up the cover.

To avoid damage, do not apply excessive force to the cover.

2 Remove the cover by pressing it on the rear.

3 Using the mechanical key, turn the lock cylinder to the unlock side to enable the manual release handle operation.

The mechanical key can only be inserted in one direction, as the key only has a groove on one side.

If the key cannot be inserted in a lock cylinder, turn it over and re-attempt to insert it.



#### Your Lexus dealer

Your Lexus dealer will provide quality maintenance and any other assistance you may require.

If there is not a Lexus dealer near you, please call the following number:

#### U.S. OWNERS

 In the U.S. mainland or Canada: Lexus Roadside Assistance
 1-800-25-LEXUS or 1-800-255-3987 (Toll-Free)

●In Hawaii:

Servco Automotive Roadside Assistance/Customer Services 1-800-25-LEXUS or 1-800-255-3987 (Toll-Free)

#### ■CANADIAN OWNERS

 In Canada or the U.S. mainland: Lexus Roadside Assistance/Customer Service
 1-800-26-LEXUS or 1-800-265-3987 (Toll-Free)

Please access our websites for further information.

- The U.S. mainland: www.lexus.com
- Hawaii: www.servcolexus.com
- •Canada: www.lexus.ca

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