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Before driving	Opening and closing the doors and windows, adjustment before driving (Main topics: Keys, doors, seats, power windows)	4
Driving	Operations and advice which are necessary for driving (Main topics: Starting Electric Vehicle system, driving support systems)	5
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Maintenance and care	Caring for your vehicle and maintenance procedures (Main topics: Interior and exterior, light bulbs)	7
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For your information

WARNING

■ 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 could result in death or serious injury.

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 precaution 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 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.

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 illustrations may differ from your vehicle in terms of color and equipment.

Accessories, spare parts and modification of your Lexus

Both genuine Lexus and a wide variety of other spare parts and accessories for Lexus vehicles are currently available in the market. Should it be determined that any of the genuine Lexus parts or accessories supplied with the vehicle need to be replaced, Lexus recommends that genuine Lexus parts or accessories, be used to replace them. Other parts or accessories of matching quality can also be used.

Lexus cannot accept any liability or guarantee spare parts and accessories which are not genuine Lexus products, nor for replacement or installation involving such parts. In addition, damage or performance problems resulting from the use of non-genuine Lexus spare parts or accessories may not be covered under warranty.

Installation of an RF-transmitter system

The installation of an RF-transmitter system in your vehicle could affect electronic systems such as:

- Lexus Safety System +
- Anti-lock brake system
- SRS airbag system
- Seat belt pretensioner system

Be sure to check with any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for precautionary measures or special instructions regarding installation of an RF-transmitter system.

Further information regarding frequency bands, power levels, antenna positions and installation provisions for the installation of RF-transmitters, is available on request at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

High voltage parts and cables on the electric vehicles emit approximately the same amount of electromagnetic waves as the conventional gasoline powered vehicles or home electronic appliances despite of their electromagnetic shielding.

Unwanted noise may occur in the reception of the radio frequency transmitter (RF-transmitter).

Vehicle data recording

The vehicle is equipped with sophisticated computers that will record certain data, such as:

- Engine speed/Electric motor speed (traction motor speed)
- Accelerator status
- Brake status
- Vehicle speed
- Operation status of the driving assist systems
- Images from the cameras

Your vehicle is equipped with cameras. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for the location of recording cameras.

The recorded data varies according to the vehicle grade level, options and destinations with which it is equipped.

These computers do not record conversations or sounds, and only record images outside of the vehicle in certain situations.

- Data usage

Lexus may use the data recorded in this computer to diagnose malfunctions, conduct research and development, and improve quality.

Lexus will not disclose the recorded data to a third party except:

- With the consent of the vehicle owner or with the consent of the lessee if the vehicle is leased
- In response to an official request by the police, a court of law or a government agency
- For use by Lexus in a lawsuit
- For research purposes where the data is not tied to a specific vehicle or vehicle

owner

- Recorded image information can be erased by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer

The image recording function can be disabled. However, if the function is disabled, data from when the system operates will not be available.

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 any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer before you scrap your vehicle.

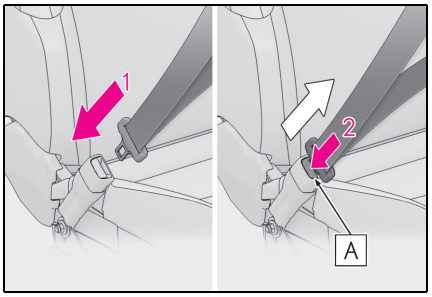
Reading this manual

Explains symbols used in this manual

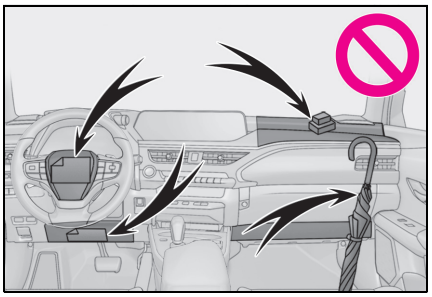
Symbols in this manual

Symbols	Meanings
	WARNING: Explains something that, if not obeyed, could cause death or serious injury to people.
	NOTICE: Explains something that, if not obeyed, could cause damage to or a malfunction in the vehicle or its equipment.
1 2 3...	Indicates operating or working procedures. Follow the steps in numerical order.

Symbols in illustrations



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

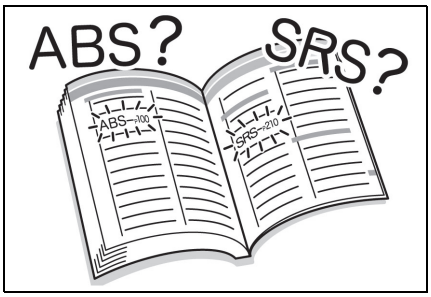


Symbols	Meanings
	Indicates the component or position being explained.
	Means **Do not**, **Do not do this**, or **Do not let this happen**.

How to search

Searching by name

- Alphabetical index: →P.575



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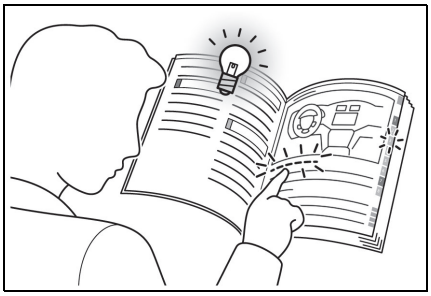

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Searching by title

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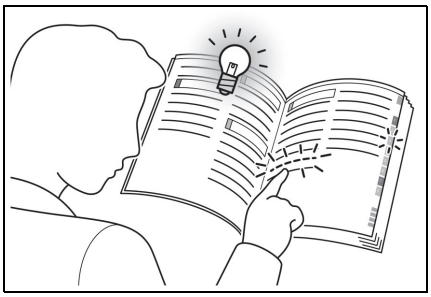
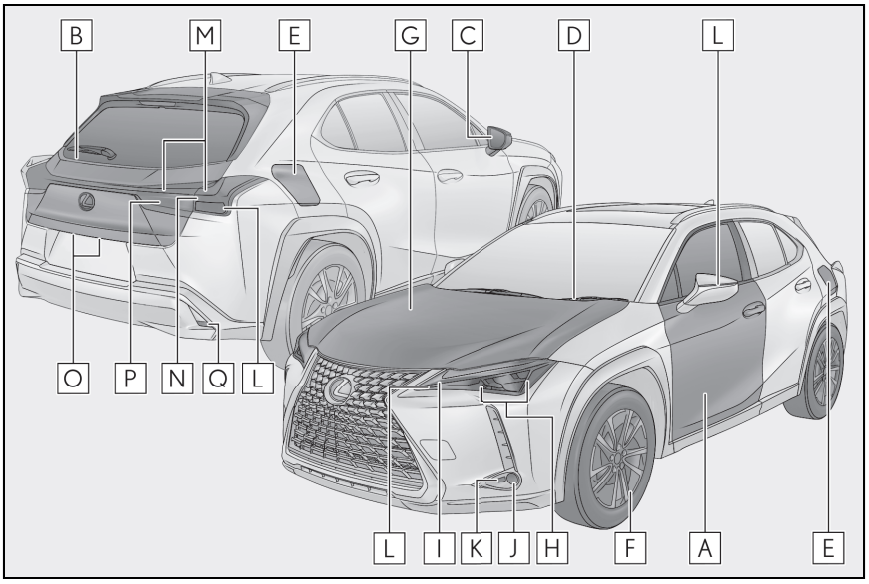


Pictorial index

■Exterior



The shape of the headlights may differ depending on the grade, etc.

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*: If equipped

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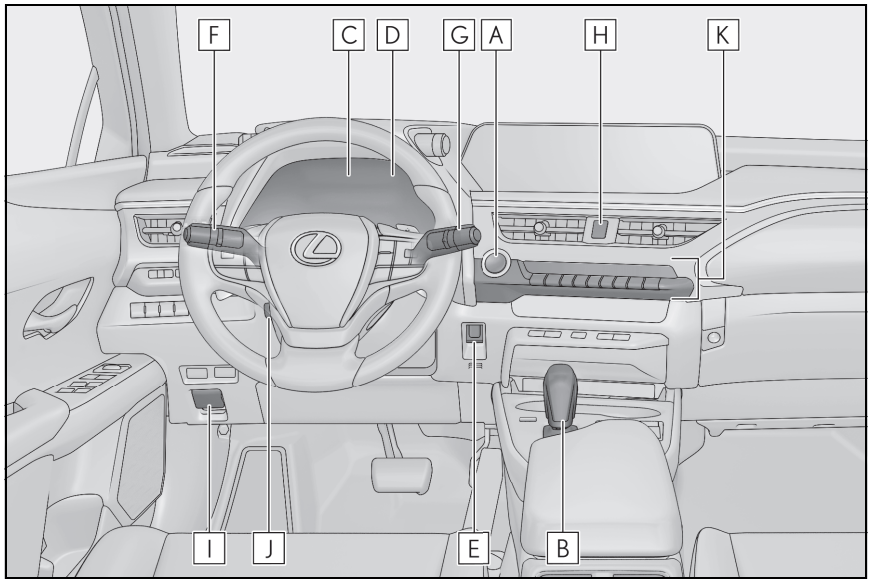

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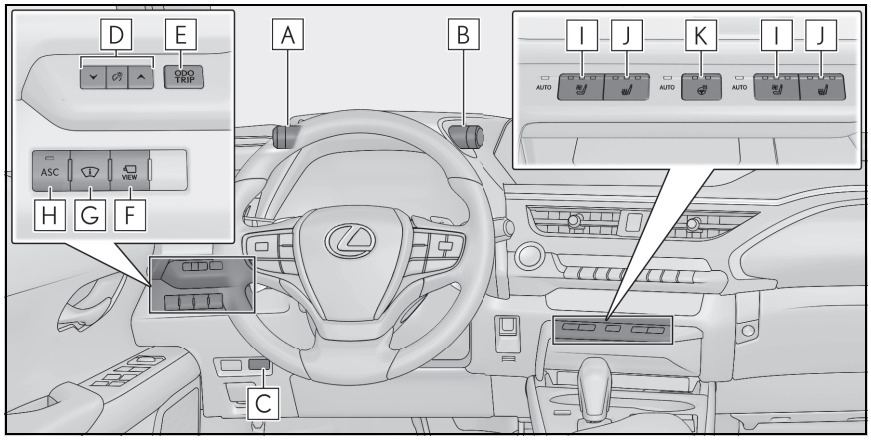
*: If equipped

■Switches (left-hand drive vehicles)



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B Driving mode select switch P.402

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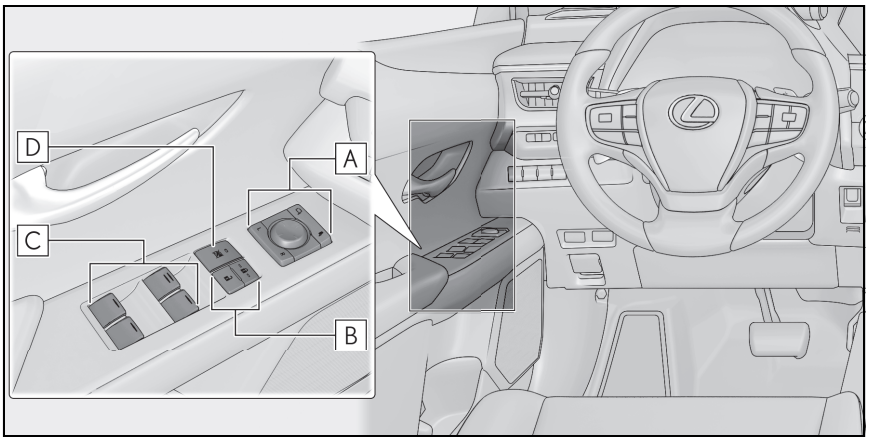
I Seat ventilator switches*1 ..... P.432

J Seat heater switches*1 ..... P.432

K Heated steering wheel switch*1 ..... P.431

*1: If equipped

*2: Refer to "NAVIGATION AND MULTIMEDIA SYSTEM OWNER'S MANUAL".



A Outside rear view mirror switches P.275
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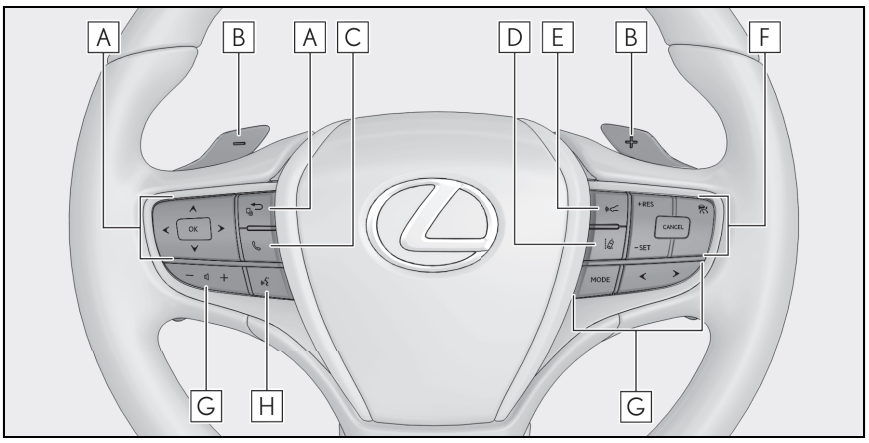

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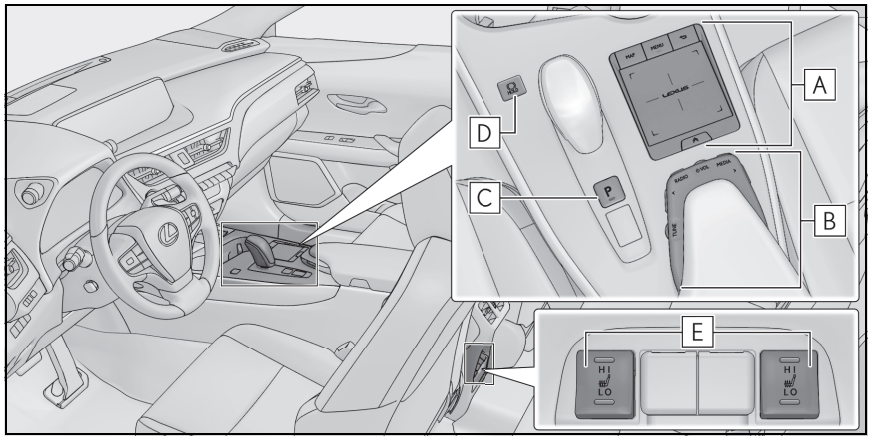
Dynamic radar cruise control with full-speed range P.355

G Audio remote control switches*

H Talk switch*

*: Refer to "NAVIGATION AND MULTIMEDIA SYSTEM OWNER'S MANUAL".



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C P position switch P.298

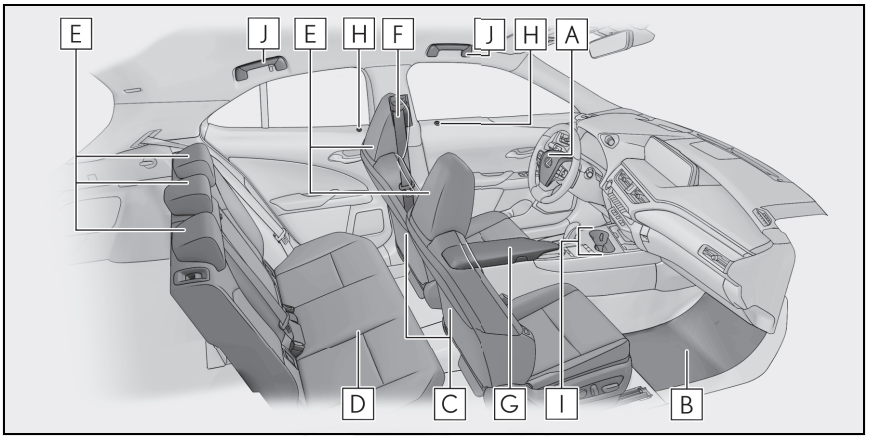
D Brake hold switch P.304

E Rear seat heater switches*2 ..... P.432

*1: Refer to "NAVIGATION AND MULTIMEDIA SYSTEM OWNER'S MANUAL".

*2: If equipped

■Interior (left-hand drive vehicles)



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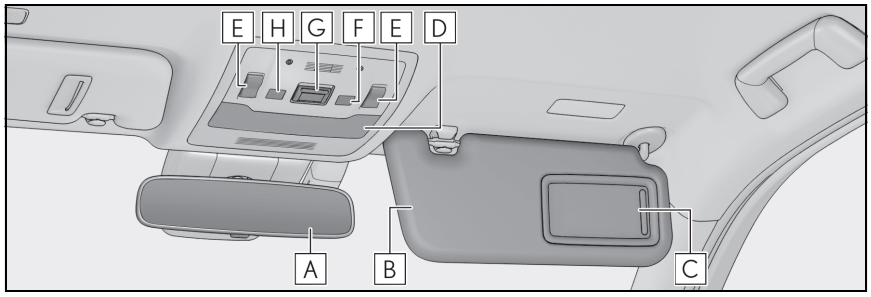

A Inside rear view mirror P.274

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Intrusion sensor and tilt sensor cancel switch*3 ..... P.88

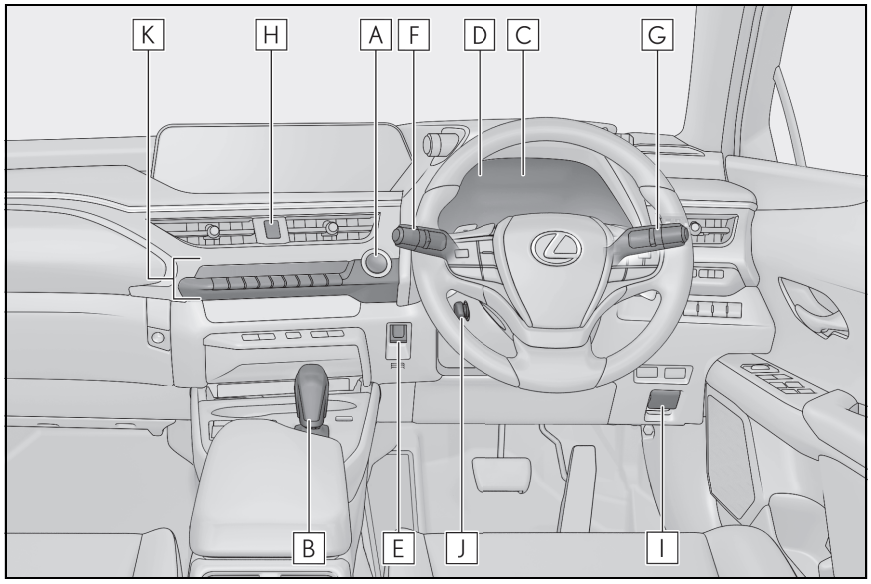
*1: NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIR-BAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur. (→P.48)



*2: The illustration shows the front, but they are also equipped in the rear.

*3: If equipped

■Instrument panel (right-hand drive vehicles)



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K **Air conditioning system** **P.420**
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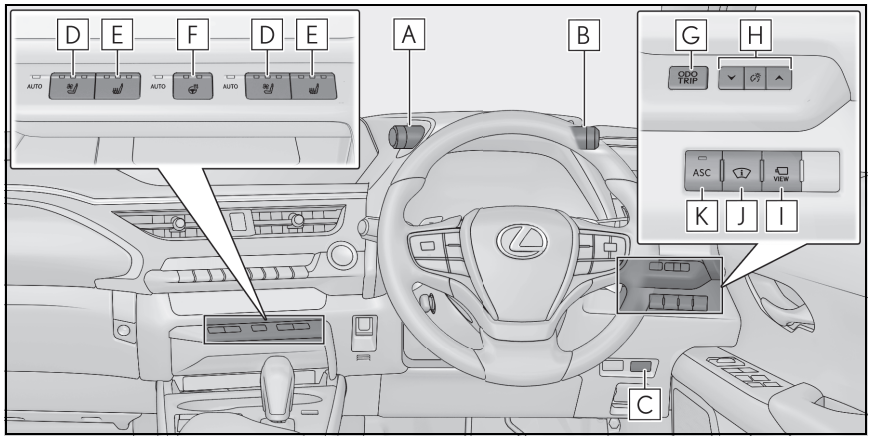
*: If equipped

■Switches (right-hand drive vehicles)



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E Seat heater switches*1 ..... P.432

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G Odometer/trip meter and trip meter reset button P.174

H Instrument panel light control switches P.175

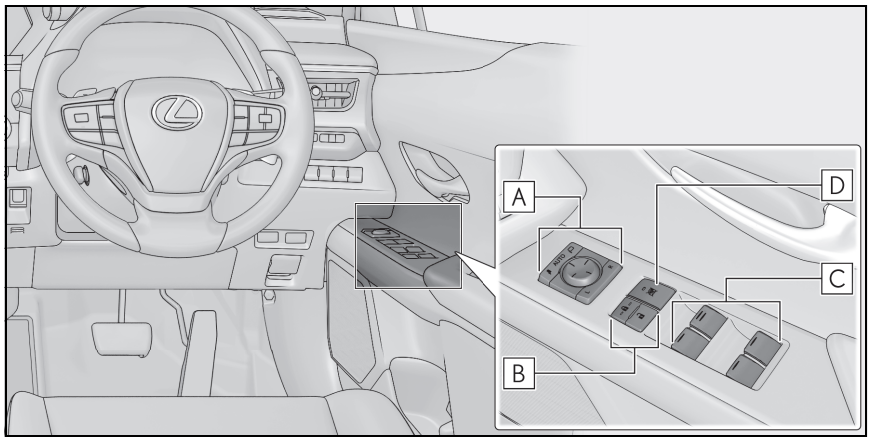
I Camera switch*1, 2

J Head-up display switch*1 ..... P.180

K ASC switch P.306

*1: If equipped

*2: Refer to "NAVIGATION AND MULTIMEDIA SYSTEM OWNER'S MANUAL".



A Outside rear view mirror switches P.275

B Door lock switches P.192

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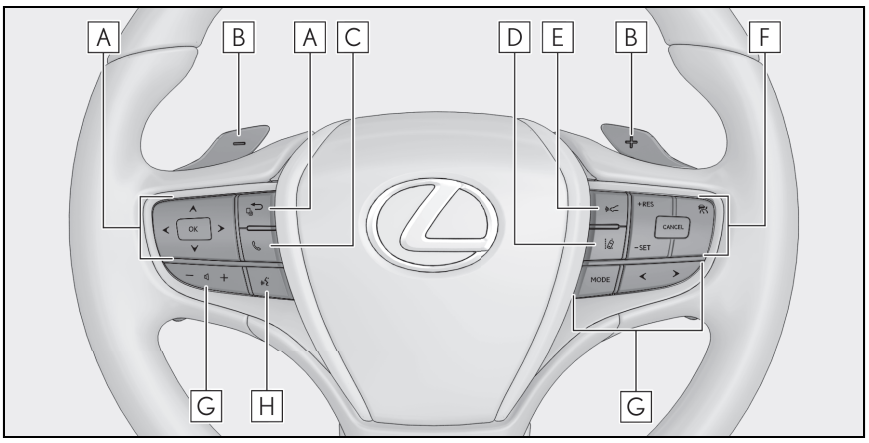

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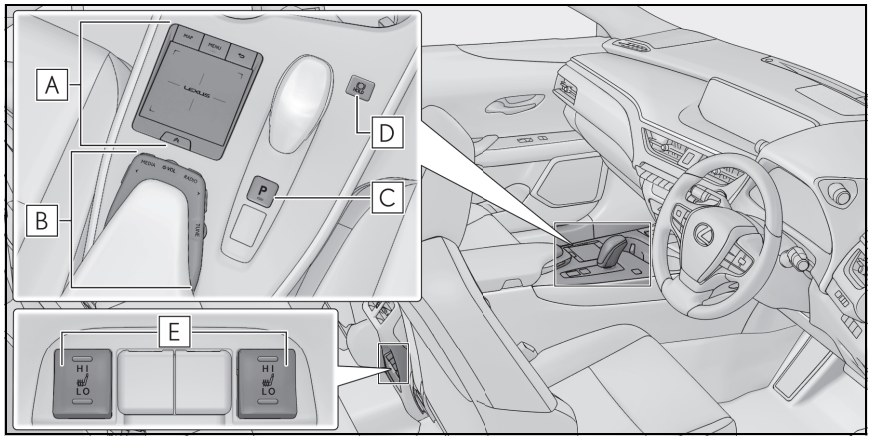
G Audio remote control switches*

H Talk switch*

*: Refer to "NAVIGATION AND MULTIMEDIA SYSTEM OWNER'S MANUAL".



A Remote Touch P.414

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C P position switch P.298

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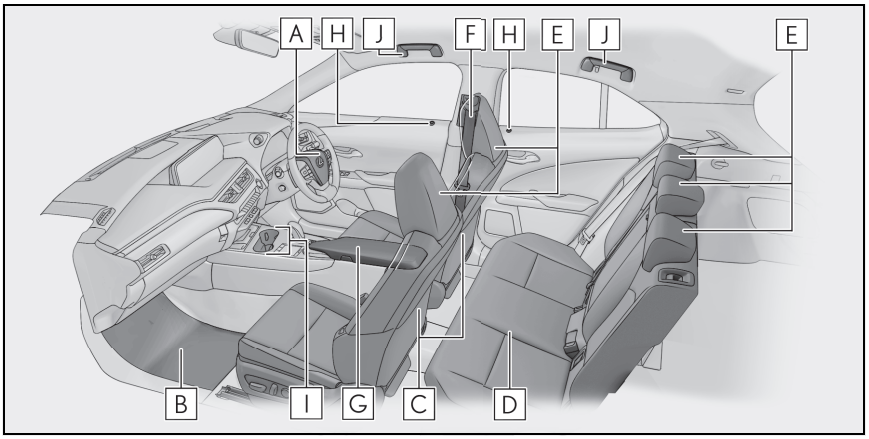
E Rear seat heater switches*2 ..... P.432

*1: Refer to "NAVIGATION AND MULTIMEDIA SYSTEM OWNER'S MANUAL".

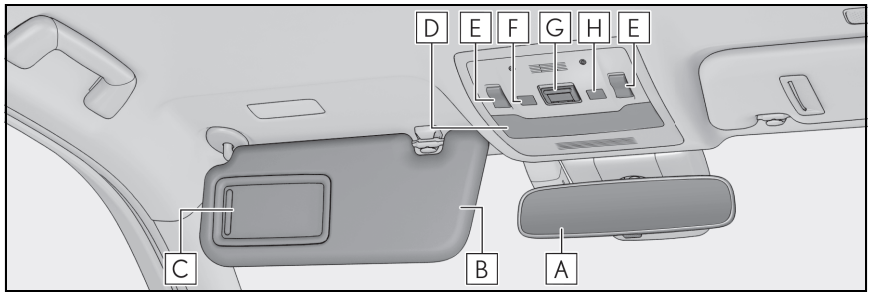
*2: If equipped

■Interior (right-hand drive vehicles)



A SRS airbags P.36
B Floor mats P.30
C Front seats P.269
D Rear seats P.270
E Head restraints P.271
F Seat belts P.32
G Console box P.439
H Inside lock buttons P.192
I Cup holders P.439
J Assist grips P.452

■Ceiling (right-hand drive vehicles)



A Inside rear view mirror P.274

B Sun visors*1 ..... P.445

C Vanity mirrors P.445

D Interior light*2 ..... P.436
Personal lights P.437

E Moon roof switches*3 ..... P.280

F Intrusion sensor cancel switch*3 ..... P.88

Intrusion sensor and tilt sensor cancel switch*3 ..... P.88

G "SOS" button P.61

H Door-linked interior light switch P.436

*1: NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIR-BAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur. (→P.48)



*2: The illustration shows the front, but they are also equipped in the rear.

*3: If equipped

1-1. For safe use

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1-2. Child safety

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1-3. Emergency assistance

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Immobilizer system 75

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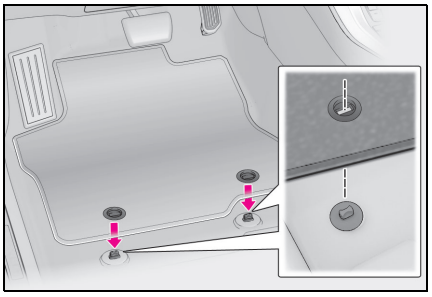
Before driving

Observe the following before starting off in the vehicle to ensure safety of driving.

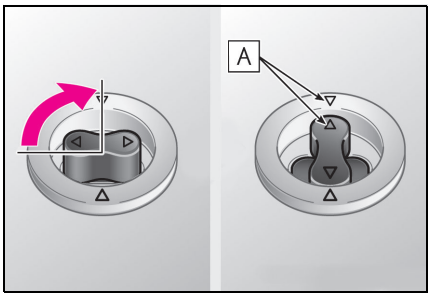
Installing floor mats

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.

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



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



Always align the △ marks A .

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

⚠ WARNING

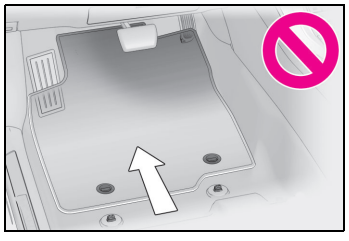
Observe the following precautions. Failure to do so may cause the driver's floor mat to slip, possibly interfering with the pedals while driving. An unexpectedly high speed may result or it may become difficult to stop the vehicle. This could lead to an accident, resulting in death or serious injury.

■ When installing the driver's floor mat

- Do not use floor mats designed for other models or different model year vehicles, even if they are Lexus Genuine floor mats.
- Only use floor mats designed for the driver's seat.
- Always install the floor mat securely using the retaining hooks (clips) provided.
- Do not use two or more floor mats on top of each other.
- Do not place the floor mat bottom-side up or upside-down.

■ Before driving

- Check that the floor mat is securely fixed in the correct place with all the provided retaining hooks (clips). Be especially careful to perform this check after cleaning the floor.

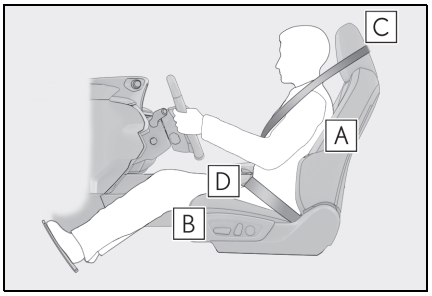


- With the EV system stopped and the shift position in P, fully depress each pedal to the floor to make sure it does not interfere with the floor mat.

For safe driving

For safe driving, adjust the seat and mirror to an appropriate position before driving.

Correct driving posture



A Adjust the angle of the seatback so that you are sitting straight up and so that you do not have to lean forward to steer. (→P.269)

B Adjust the seat so that you can depress the pedals fully and so that your arms bend slightly at the elbow when gripping the steering wheel. (→P.269)

C Lock the head restraint in place with the center of the head restraint closest to the top of your ears. (→P.271)

D Wear the seat belt correctly. (→P.33)

WARNING

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

- Do not adjust the position of the driver's seat while driving. 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.
- 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 and the adjustment mechanism may also be damaged.
- Always observe the legal speed limit when driving on public roads.
- When driving over long distances, take regular breaks before you start to feel tired. Also, if you feel tired or sleepy while driving, do not force yourself to continue driving and take a break immediately.

Correct use of the seat belts

Make sure that all occupants are wearing their seat belts before driving the vehicle. (→P.33)

Use a child restraint system appropriate for the child until the child becomes large enough to properly wear the vehicle's seat belt. (→P.46)

Adjusting the mirrors

Make sure that you can see the rear of the vehicle clearly, by adjusting the inside and outside rear view mirrors properly. (→P.274, 275)

Seat belts

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

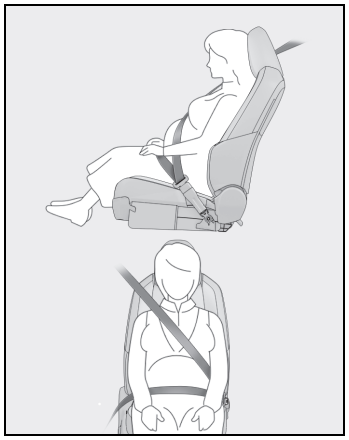
⚠ WARNING

Observe the following precautions to reduce the risk of injury in the event of sudden braking, sudden swerving or an accident.
Failure 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 once, including children.
- Lexus recommends that children be seated in the rear seat and always use a seat belt and/or an appropriate child restraint system.
- To achieve a proper seating position, do not recline the seat more than necessary. 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.

■ Pregnant women



Obtain medical advice and wear the seat belt in the proper way. (→P.33)

Women who are pregnant should position the lap belt as low as possible over the hips in the same manner as other occupants, extending the shoulder belt completely over the shoulder and avoiding belt contact with the rounding of the abdominal area.

If the seat belt is not worn properly, not only the 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.33)

■ When children are in the vehicle

→P.57

■ Seat belt damage and wear

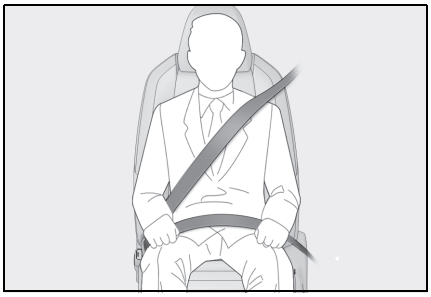
- Do not damage the seat belts by allowing the belt, plate, or buckle to be jammed in the door.

WARNING

- 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 death or serious injury.
- Ensure that the belt and plate are locked and the belt is not twisted. If the seat belt does not function correctly, immediately contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- Replace the seat assembly, including the belts, if your vehicle has been involved in a serious accident, even if there's no obvious damage.
- Do not attempt to install, remove, modify, disassemble or dispose of the seat belts. Have any necessary repairs carried out by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer. Inappropriate handling may lead to incorrect operation.

Correct use of the seat belts

- 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.
- Position the lap belt as low as possible over the hips.
- Adjust the position of the seatback. Sit up straight and well back in the seat.



- Do not twist the seat belt.

Child seat belt usage

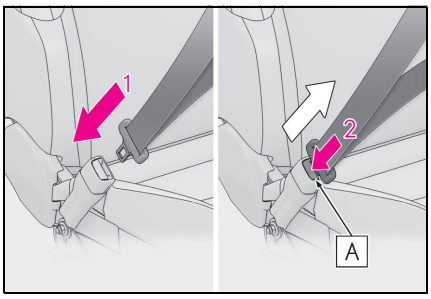
The seat belts of your vehicle were principally designed for persons of adult size.

- Use a child restraint system appropriate for the child, until the child becomes large enough to properly wear the vehicle's seat belt. (→P.46)
- When the child becomes large enough to properly wear the vehicle's seat belt, follow the instructions regarding seat belt usage. (→P.32)

Seat belt regulations

If seat belt regulations exist in the country where you reside, please contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for seat belt replacement or installation.

Fastening and releasing the seat belt



1 To fasten the seat belt, push the plate into the buckle until a click

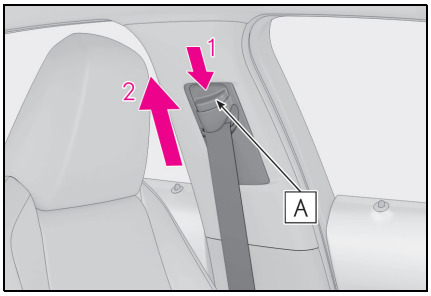
sound is heard.

2 To release the seat belt, press the release button A .

■ 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 so that you can move around fully.

Adjusting the seat belt shoulder anchor height (front seats)



1 Push the seat belt shoulder anchor down while pressing the release button A .

2 Push the seat belt shoulder anchor up.

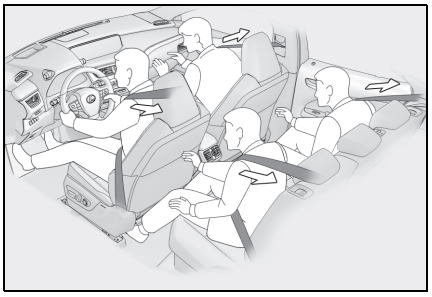
Move the height adjuster up and down as needed until you hear a click.

WARNING

■ 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 the event of a sudden stop, sudden swerve or accident.

Seat belt pretensioners (front and outboard rear seats)



The pretensioners help the seat belts to quickly restrain the occupants by retracting the seat belts when the vehicle is subjected to certain types of severe frontal or side collision.

The pretensioners do not activate in the event of a minor frontal impact, a minor side impact, a rear impact or a vehicle rollover.

■ 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.

■ PCS-linked seat belt pretensioner control

If the PCS (Pre-Collision System) determines that the possibility of a collision with a vehicle is high, the seat belt pretensioners will be prepared to operate.

WARNING

■ Seat belt pretensioners

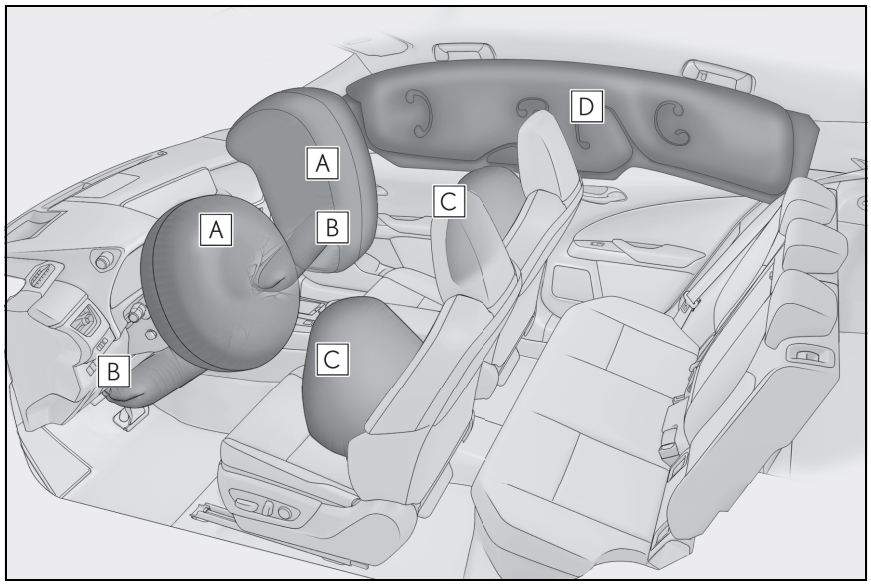
If the pretensioner has activated, the SRS warning light will come on. In that case, the seat belt cannot be used again and must be replaced at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer. Failure to do so may cause death or serious injury.

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.

SRS airbag system

■ Location of the SRS airbags



▶ SRS front airbags

A SRS driver airbag/front passenger airbag

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

B SRS knee airbags

Can help provide driver and front passenger protection

▶ SRS side and curtain shield airbags

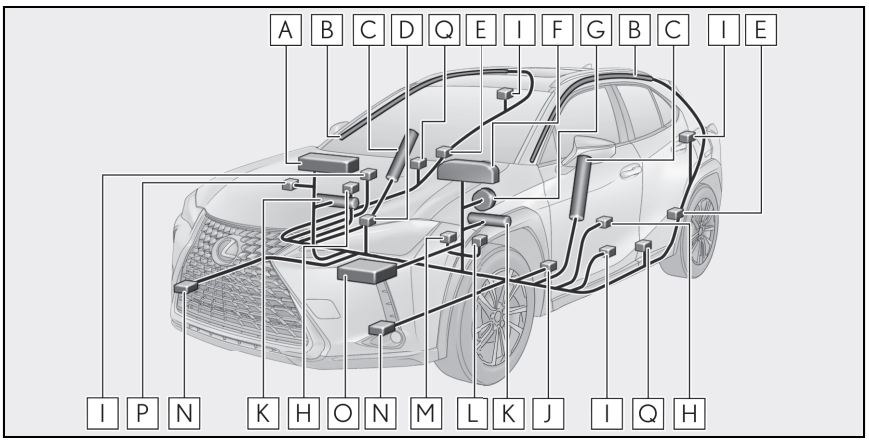
C SRS side airbags

Can help protect the torso of the front seat occupants

D SRS curtain shield airbags

Can help protect primarily the head of occupants in the outer seats

■ SRS airbag system components



A Front passenger airbag

B Curtain shield airbags

C Side airbags

D "PASSENGER AIR BAG" indicator

E Side impact sensors (rear)

F SRS warning light

G Driver airbag

H Side impact sensors (front)

I Seat belt pretensioners and force limiters

J Driver's seat position sensor

K Knee airbags

L Driver's seat belt buckle switch

M Front passenger's seat belt buckle switch

N Front impact sensors

O Airbag sensor assembly

P Airbag manual on-off switch

Q Side impact sensors (front door)

The main SRS airbag system components are shown above. The SRS airbag sys-

tem is controlled by the airbag sensor assembly. As the airbags deploy, 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)**

- Slight abrasions, burns, bruising etc., may be sustained from SRS airbags, due to the extremely high speed deployment (inflation) by hot gases.
- 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 front seats, parts of the front and rear pillars, and roof side rails, may be hot for several minutes. The airbag itself may also be hot.
- The windshield may crack.
- The EV system will be stopped. (→P.98)
- All of the doors will be unlocked. (→P.191)
- The brakes and stop lights will be controlled automatically. (→P.404)
- The interior lights will turn on automatically. (→P.436)
- The emergency flashers will turn on automatically. (→P.506)

■ **SRS airbag deployment conditions (SRS front airbags)**

- The SRS front airbags will deploy in the event of an impact that exceeds the set threshold level (the level of force corresponding to an approximately 20 - 30 km/h [12 - 18 mph] frontal collision with a fixed wall that does not move or deform). However, this threshold velocity will be considerably higher in the following situations:
  - If the vehicle strikes an object, such as a parked vehicle or sign pole, which can move or deform on impact
  - If the vehicle is involved in an underride collision, such as a collision in which the front of the vehicle underrides, or goes under, the bed of a truck
- Depending on the type of collision, it is possible that only the seat belt pretensioners will activate.

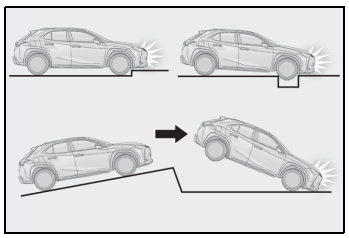
■ **SRS airbag deployment conditions (SRS side and curtain shield airbags)**

- The SRS side and curtain shield airbags will deploy in the event of an impact that exceeds the set threshold level (the level of force corresponding to the impact force produced by an approximately 1500 kg [3300 lb.] vehicle colliding with the vehicle cabin from a direction perpendicular to the vehicle orientation at an approximate speed of 20 - 30 km/h [12 - 18 mph]).
- Both SRS curtain shield airbags may deploy in the event of a severe side collision.
- Both SRS curtain shield airbags may also deploy in the event of a severe frontal collision.

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

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

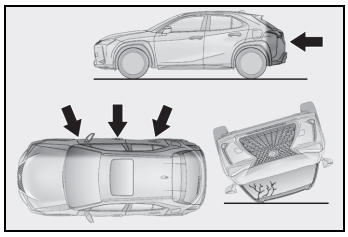
- Hitting a curb, edge of pavement or hard surface
- Falling into or jumping over a deep hole
- Landing hard or falling



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

The SRS front airbags do not generally 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.

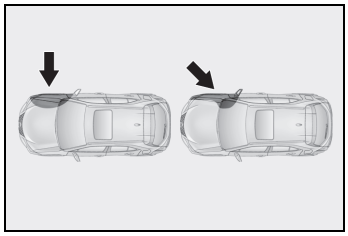
- Collision from the side
- Collision from the rear
- Vehicle rollover



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

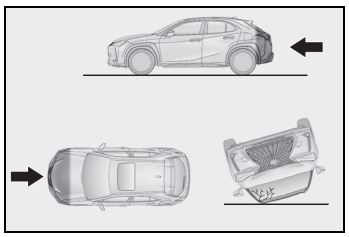
The SRS side and curtain shield airbags may not activate if the vehicle is subjected to a collision from the side at certain angles, or a collision to the side of the vehicle body other than the passenger compartment.

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



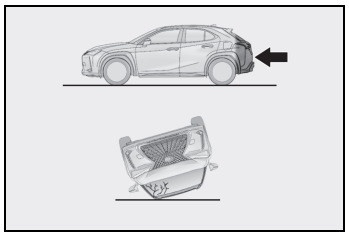
The SRS side airbags do not generally inflate if the vehicle is involved in a frontal or rear collision, if it rolls over, or if it is involved in a low-speed side collision.

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



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

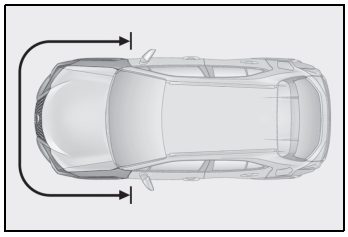
- Collision from the rear
- Vehicle rollover



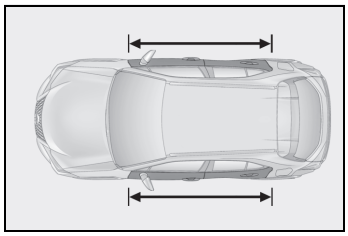
■ **When to contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer**

In the following cases, the vehicle will require inspection and/or repair. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as soon as possible.

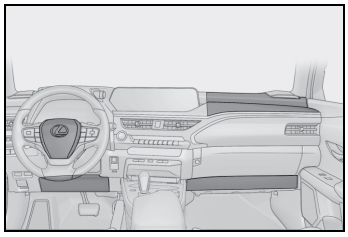
- Any of the SRS airbags have been inflated.
- The front of the vehicle is damaged or deformed, or was involved in an accident that was not severe enough to cause the SRS front airbags to inflate.



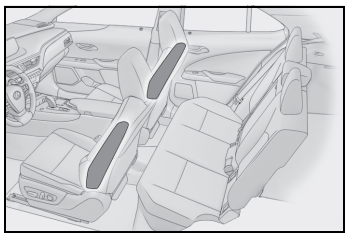
- A portion of a door or its surrounding area is damaged, deformed or has had a hole made in it, or the vehicle was involved in an accident that was not severe enough to cause the SRS side and curtain shield airbags to inflate.



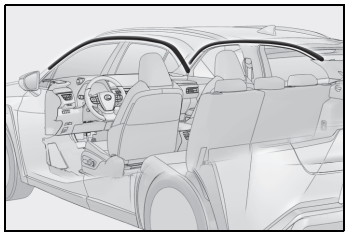
- The pad section of the steering wheel, dashboard near the front passenger airbag or lower portion of the instrument panel is scratched, cracked, or otherwise damaged.



- 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 SRS curtain shield airbags inside is scratched, cracked, or otherwise damaged.



WARNING

■ SRS airbag precautions

Observe the following precautions regarding the SRS 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.

WARNING

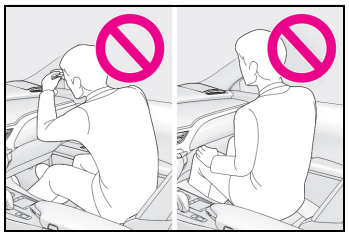
- The SRS driver airbag deploys with considerable force, and can cause death or serious injury especially if the driver is very close to the airbag. Since the risk zone for the driver's airbag is the first 50 - 75 mm (2 - 3 in.) of inflation, placing yourself 250 mm (10 in.) from your driver airbag provides 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 250 mm (10 in.) 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 250 mm (10 in.) 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 above, while still maintaining control of the foot pedals, steering wheel, and your view of the instrument panel controls.

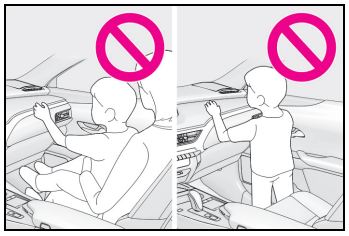
- The SRS front passenger airbag also deploys with considerable force, and can cause death or serious injury especially if the front passenger is very close to the airbag. The front passenger seat should be as far from the airbag as possible with the seatback adjusted, so the front passenger sits upright.

- 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 safer for infants and children than the front passenger seat. (→P.46)

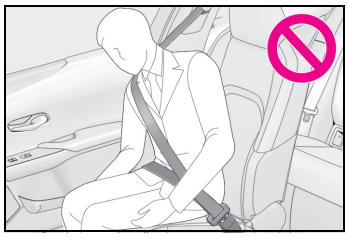
- Do not sit on the edge of the seat or lean against the dashboard.



- 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 allow the front seat occupants to hold items on their knees.



- Do not lean against the door, the roof side rail or the front, side and rear pillars.

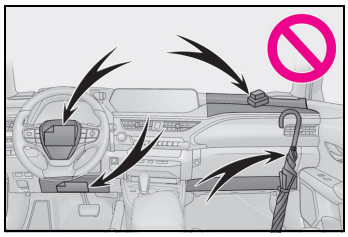


WARNING

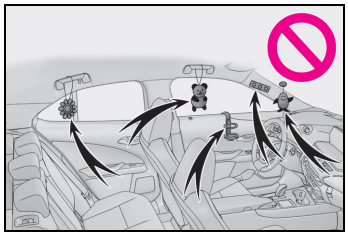
- Do not allow anyone to kneel on the passenger seat toward the door or put their head or hands outside the vehicle.



- Do not attach anything to or lean anything against areas such as the dashboard, steering wheel pad and lower portion of the instrument panel. These items can become projectiles when the SRS driver, front passenger and knee airbags deploy.



- Do not attach anything to areas such as a door, windshield, side windows, front or rear pillar, roof side rail and assist grip. (Except for the speed limit sticker →P.529)



- Do not hang coat hangers or other hard objects on the coat hooks. All of these items could become projectiles and may cause death or serious injury, should the SRS curtain shield airbags deploy.
- If a 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 SRS airbags. Such accessories may prevent the side airbags from activating correctly, disable the system or cause the side airbags to inflate accidentally, resulting in death or serious injury.
- Do not strike or apply significant levels of force to the area of the SRS airbag components or the front doors. 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.
- If breathing becomes difficult after the SRS airbags have 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 and rear pillar garnishes, are damaged or cracked, have them replaced by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

WARNING

■ **Modification and disposal of SRS airbag system components**

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

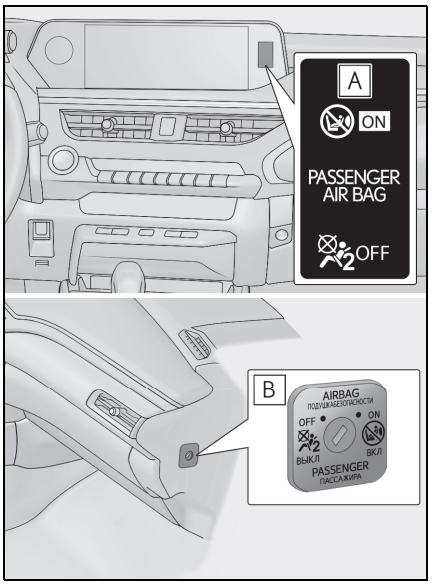
- Installation, removal, disassembly and repair of the SRS airbags
- Repairs, modifications, removal or replacement of the steering wheel, instrument panel, dashboard, seats or seat upholstery, front, side and rear pillars, roof side rails, front door panels, front door trims or front door speakers
- Modifications to the front door panel (such as making a hole in it)
- Repairs or modifications of the front fender, front bumper, or side of the occupant compartment
- Installation of a grille guard (bull bars, kangaroo bar, etc.), snow plows or winches
- Modifications to the vehicle's suspension system
- Installation of electronic devices such as mobile two-way radios (RF-transmitter) and CD players

Airbag manual on-off system

This system deactivates the front passenger airbag and front passenger knee airbag.

Only deactivate the airbags when using a child restraint system on the front passenger seat.

System components



A "PASSENGER AIR BAG" indicator

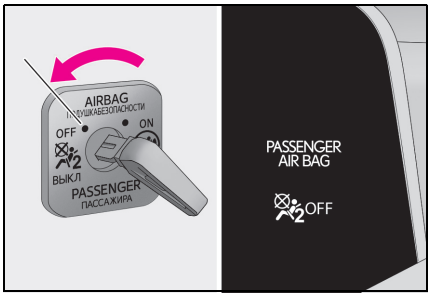
"PASSENGER AIR BAG" and "ON" indicator light turn on when the airbag system is on, and about after 60 seconds they go off (only when the power switch is in ON).

B Airbag manual on-off switch

Deactivating the airbags for the front passenger

Insert the mechanical key into the cylinder and turn to the "OFF" position.

The "OFF" indicator light turns on (only when the power switch is in ON).



"PASSENGER AIR BAG" indicator information

If any of the following problems occur, it is possible that there is a malfunction in the system. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- The "OFF" indicator does not illuminate when the airbag manual on-off switch is set to "OFF".
- The indicator light does not change when the airbag manual on-off switch is switched to "ON" or "OFF".

WARNING

When installing a child restraint system

For safety reasons, always install a child restraint system in a rear seat. In the event that the rear seat cannot be used, the front seat can be used as long as the airbag manual on-off system is set to "OFF".
If the airbag manual on-off system is left on, the strong impact of the airbag deployment (inflation) may cause serious injury or even death.

WARNING

■ When a child restraint system is not installed on the front passenger seat

Ensure that the airbag manual on-off system is set to "ON".
If it is left off, the airbag may not deploy in the event of an accident, which may result in serious injury or even death.

Riding with children

Observe the following precautions when children are in the vehicle. Use a child restraint system appropriate for the child, until the child becomes large enough to properly wear the vehicle's seat belt.

- It is recommended that children sit in the rear seats to avoid accidental contact with the shift lever, wiper switch, etc.
- Use the rear door child-protector lock or the window lock switch to avoid children opening the door while driving or operating the power window accidentally. (→P.193, 279)
- Do not let small children operate equipment which may catch or pinch body parts, such as the power window, hood, back door, seats, etc.

WARNING

■ When children are in the vehicle

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 windows, the moon roof (if equipped) or other features of the vehicle. In addition, heat build-up or extremely cold temperatures inside the vehicle can be fatal to children.

Child restraint systems

Before installing a child restraint system in the vehicle, there are precautions that need to be observed, different types of child restraint systems, as well as installation methods, etc., written in this manual.

- Use a child restraint system when riding with a small child that cannot properly use a seat belt. For the child's safety, install the child restraint system to a rear seat. Be sure to follow the installation method that is in the operation manual enclosed with the restraint system.
- The use of a Lexus genuine child restraint system is recommended, as it is safer to use in this vehicle. Lexus genuine child restraint systems are made specifically for Lexus vehicles. They can be purchased at a Lexus dealer.

Table of contents

Points to remember: P.46

When using a child restraint system: P.47

Child restraint system compatibility for each seating position: P.50

Child restraint system installation method: P.55
- Fixed with a seat belt: P.56
- Fixed with an ISOFIX lower anchorage: P.58
- Using a top tether anchorage: P.59

Points to remember

- Prioritize and observe the warnings, as well as the laws and regulations for child restraint systems.
- Use a child restraint system until the child becomes large enough to properly wear the vehicle's seat belt.
- Choose a child restraint system appropriate to the age and size of the child.
- Note that not all child restraint systems can fit in all vehicles.
  Before using or purchasing a child restraint system, check the compatibility of the child restraint system with seat positions.

WARNING

■ When a child is riding

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

- For effective protection in automobile accidents and sudden stops, a child must be properly restrained, using a seat belt or child restraint system which is correctly installed. For installation details, refer to the operation manual enclosed with the child restraint system. General installation instruction is provided in this manual.

WARNING

- Lexus strongly urges the use of a proper child restraint system that conforms to the weight and 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.
- Holding a child in your or someone else's arms is not a substitute for a child restraint system. In an accident, the child can be crushed against the windshield or between the holder and the interior of the vehicle.

■ Handling the child restraint system

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

- If the vehicle were to receive a strong impact from an accident, etc., it is possible that the child restraint system has damage that is not readily visible. In such cases, do not reuse the restraint system.
- Depending on the child restraint system, installation may be difficult or impossible. In those cases, check whether the child restraint system is suitable for installment in the vehicle. (→P.50) Be sure to install and observe the usage rules after carefully reading the child restraint system fixing method in this manual, as well as the operation manual enclosed with the child restraint system.
- Keep the child restraint system properly secured on the seat even if it is not in use. Do not store the child restraint system 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 luggage compartment.

When using a child restraint system

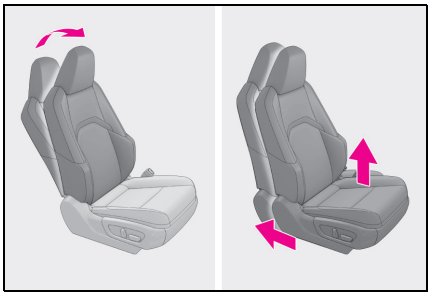
■ When installing a child restraint system to the front passenger seat

For the safety of a child, install a child restraint system to a rear seat. When installing a child restraint system to the front passenger seat is unavoidable, adjust the seat as follows and install the child restraint system:

- Adjust the seatback angle to the most upright position.

When installing a forward-facing child seat, if there is a gap between the child seat and the seatback, adjust the seatback angle until good contact is achieved.

- Move the front seat fully rearward.
- Adjust the seat height to the uppermost position.
- Adjust the front of the seat cushion to the lowest position.
- If the head restraint interferes with the child restraint system installation and the head restraint can be removed, remove the head restraint. Otherwise, put the head restraint in the upper most position.

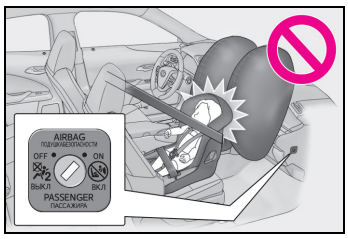


WARNING

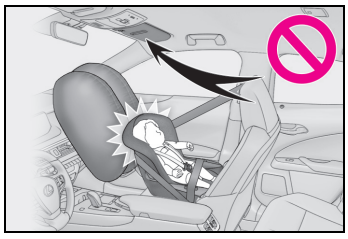
■ When using a child restraint system

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

- Never use a rear-facing child restraint system on the front passenger seat when the airbag manual on-off switch is on. (→P.44)
  The force of the rapid inflation of the front passenger airbag can cause death or serious injury to children in the event of an accident.



- There is a label(s) on the passenger side sun visor, indicating it is forbidden to attach a rear-facing child restraint system to the front passenger seat. Details of the label(s) are shown in the illustration below.

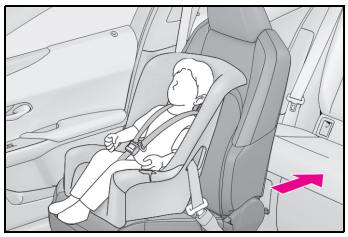


WARNING

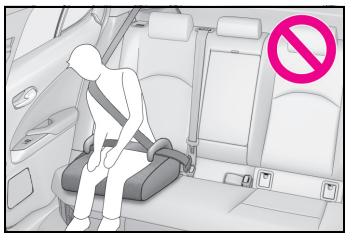


WARNING

- 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. Failing to do so may result in death or serious injury if the airbags deploy (inflate).



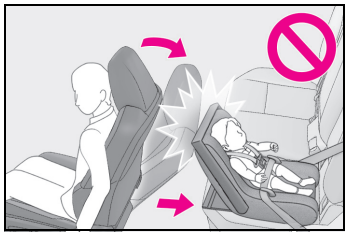
- Do not allow the child to lean his/her head or any part of his/her body against the door or the area of the seat, front or rear pillars, or roof side rails from which the SRS side airbags or SRS curtain shield airbags deploy even if the child is seated in the child restraint system. It is dangerous if the SRS side and curtain shield airbags inflate, and the impact could cause death or serious injury to the child.



- When a junior 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.
- Use a child restraint system suitable to the age and size of the child and install it to the rear seat.

WARNING

- 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 (left-hand drive vehicles) or the left-hand rear seat (right-hand drive vehicles). (→P.54)



Child restraint system compatibility for each seating position

Child restraint system compatibility for each seating position

Compatibility of each seating position with child restraint systems (→P.51) displays the type of child restraint systems that can be used and possible seating positions for installation using symbols.

Also, the recommended child restraint system that is suitable for your child can be selected. Otherwise, check "Recommended child restraint systems and Compatibility table" for recommended child restraint systems. (→P.54)

Check the selected child restraint system together with the following "Before confirming the compatibility of each seating position with child restraint systems".

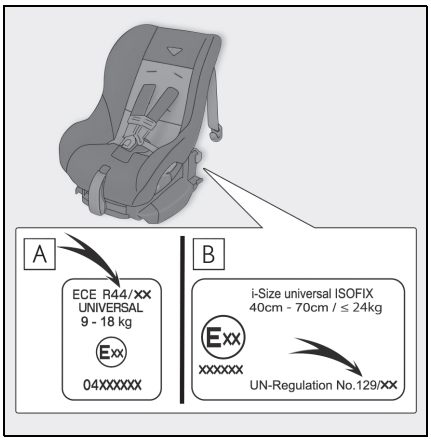
Before confirming the compatibility of each seating position with child restraint systems

1 Check the child restraint system standards.

Use a child restraint system that conforms to UN(ECE) R44*1 or UN(ECE) R129*1, 2.

The following approval mark is displayed on child restraint systems which are conformed.

Check for an approval mark attached to the child restraint system.



Example of the displayed regulation Number

A UN(ECE) R44 approval mark*3

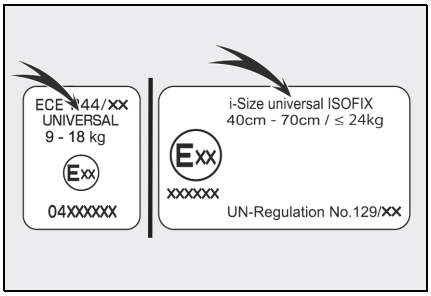
The weight range of the child who is applicable for an UN(ECE) R44 approval mark is indicated.

B UN(ECE) R129 approval mark*3

The height range of the child who is applicable as well as available weights for an UN(ECE) R129 approval mark is indicated.

2 Check the category of the child restraint system.
Check the approval mark of the child restraint system for which of the following categories the child restraint system is suitable.
Also, if there are any uncertainties, check the user's guide included with the child restraint system or contact the retailer of the child restraint system.

- "universal"
- "semi-universal"
- "restricted"
- "vehicle specific"



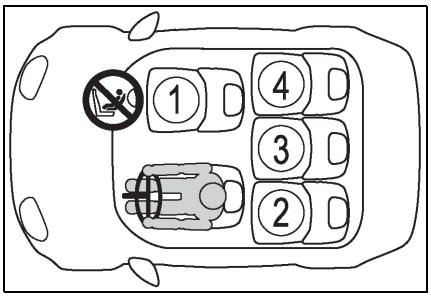
*1: UN(ECE) R44 and UN(ECE) R129 are U.N. regulations for child restraint systems.

*2: The child restraint systems mentioned in the table may not be available outside of the EU area.

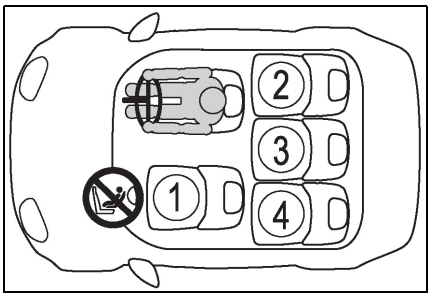
*3: The displayed mark may differ depending on the product.

■ Compatibility of each seating position with child restraint systems

▶ Left-hand drive vehicles



▶ Right-hand drive vehicles



1 *1, 2, 3, 5	U *4 L
2 *3	U L  

3 *3	U L
4 *3	U L  

 Suitable for "universal" category child restraint system fixed with the seat belt.

 Suitable for child restraint systems given on recommended child restraint systems and compatibility table (→P. 54).

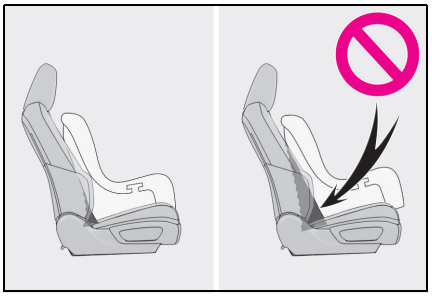
 Suitable for i-Size and ISOFIX child restraint system.

 Includes a top tether anchorage point.

 Never use a rear-facing child restraint system on the front passenger seat when the airbag manual on-off switch is on.

*1: Move the front seat fully rearward. If the passenger seat height can be adjusted, move it to the upper most position.

*2: Adjust the seatback angle to the most upright position. When installing a forward-facing child seat, if there is a gap between the child seat and the seatback, adjust the seatback angle until good contact is achieved.



*3: If the head restraint interferes with your child restraint system, and the head restraint can be removed, remove the head restraint.
Otherwise, put the head restraint in the upper most position.

*4: Use only a front-facing child restraint system when the airbag manual on-off switch is on.

*5: Not suitable for child restraint systems with support leg.

■ Detail information for child restraint systems installation

Seat position number	Seating position				
	① Airbag manual on-off switch		②	③	④
	ON	OFF			
Seating position suitable for universal belted (Yes/No)	Yes Forward-facing only	Yes	Yes	Yes	Yes
i-Size seating position (Yes/No)	No	No	Yes	No	Yes
Seating position suitable for lateral fixture (L1/L2/No)	No	No	No	No	No
Suitable rearward facing fixture (R1/R2X/R2/R3/No)	No	No	R1, R2	No	R1, R2
Suitable forward facing fixture (F2X/F2/F3/No)	No	No	F2X, F2, F3	No	F2X, F2, F3
Suitable junior seat fixture (B2/B3/No)	No	No	B2, B3	No	B2, B3

ISOFIX child restraint systems are divided into different "fixture". The child restraint system can be used in the seating positions for "fixture" mentioned in the table above. For kind of "fixture" relation, confirm the following table.
If your child restraint system has no kind of "fixture" (or if you cannot find information in the table below), please refer to the child restraint system "vehicle list" for compatibility information or ask the retailer of your child seat.

Fixture	Description
F3	Full-height, forward-facing child restraint systems
F2	Reduced-height forward-facing child restraint systems
F2X	Reduced-height forward-facing child restraint systems
R3	Full-size, rearward-facing child restraint systems

Fixture	Description
R2	Reduced-size, rearward-facing child restraint systems
R2X	Reduced-size, rearward-facing child restraint systems
R1	Rearward-facing infant seat
L1	Left lateral-facing (carrycot) infant seat
L2	Right lateral-facing (carrycot) infant seat
B2	Junior seat
B3	Junior seat

■ **Recommended child restraint systems and Compatibility table**

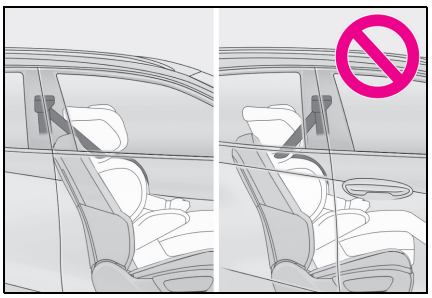
Mass groups	Recommended Child Restraint System	Seating position				
		①		②	③	④
		Airbag manual on-off switch				
		ON	OFF			
0, 0+ Up to 13 kg (28 lb.)	G0+, BABY SAFE PLUS (Yes/No)	No	Yes	Yes	Yes	Yes
I 9 to 18 kg (20 to 39 lb.)	DUO PLUS (Yes/No)	Yes Belt Fix Only	Yes Belt Fix Only	Yes	Yes Belt Fix Only	Yes
II, III 15 to 36 kg (34 to 79 lb.)	KIDFIX XP SICT (Yes/No)	Yes Belt Fix Only	Yes Belt Fix Only	Yes	Yes Belt Fix Only	Yes
	MAXI PLUS (Yes/No)	Yes Belt Fix Only	Yes Belt Fix Only	Yes	Yes Belt Fix Only	Yes

The child restraint systems mentioned in the table may not be available outside the EU area.

When securing some types of child restraint systems in rear seat, it may not be possible to properly use the seat belts in positions next to the child restraint without interfering with it or affecting seat belt effectiveness. Be

sure your seat belt fits snugly across your shoulder and low on your hips. If it does not, or if it interferes with the child restraint, move to a different position. Failure to do so may result in death or serious injury.

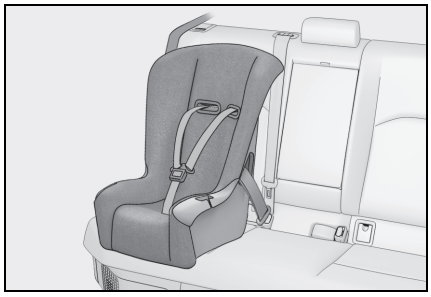
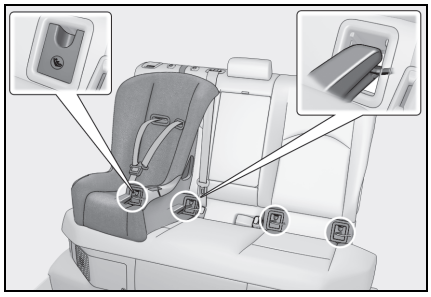
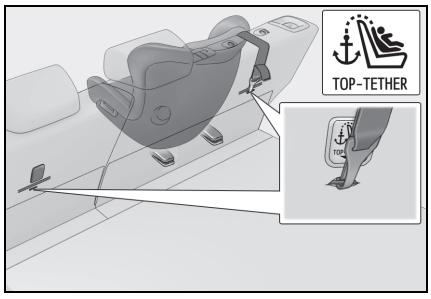
- When installing a child restraint in the rear seats, adjust the front seat so that it does not interfere with the child or child restraint system.
- When installing a child seat with support base, if the child seat interferes with the seatback when latching it into the support base, adjust the seatback rearward until there is no interference.
- If the seat belt shoulder anchor is ahead of the child seat belt guide, move the seat cushion forward.



- When installing a junior seat, if the child in your child restraint system is in a very upright position, adjust the seatback angle to the most comfortable position. And if the seat belt shoulder anchor is ahead of the child seat belt guide, move the seat cushion forward.

Child restraint system installation method

Confirm with the operation manual enclosed with the child restraint system about the installation of the child restraint system.

Installation method		Page
Seat belt attachment		P.56
ISOFIX lower anchorage attachment		P.58
Top tether anchorage attachment		P.59

Child restraint system fixed with a seat belt

■ Installing child restraint system using a seat belt

Install the child restraint system in accordance to the operation manual enclosed with the child restraint system.

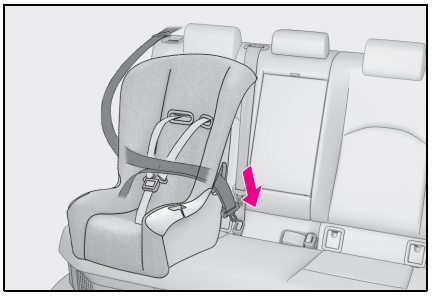
If the child restraint system on hand is not within the "universal" category (or the necessary information is not in the table), refer to the "Vehicle List" provided by the child restraint system maker for various possible installation positions, or check the compatibility after asking the retailer of the child seat. (→P.50)

1 If installing the child restraint system to the front passenger seat is

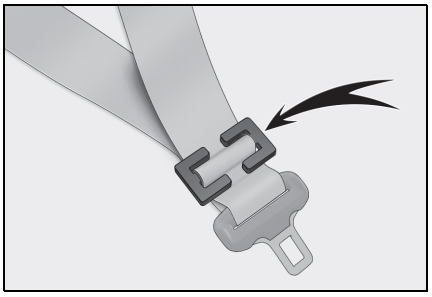
unavoidable, refer to P.47 for front passenger seat adjustment.

2 If the head restraint interferes with the child restraint system and the head restraint can be removed, remove the head restraint. Otherwise, put the head restraint in the upper most position. (→P.271)

3 Run the seat belt through the child restraint system and insert the plate into the buckle. Make sure that the belt is not twisted. Securely fix the seat belt to the child restraint system in accordance to the directions enclosed with the child restraint system.



4 If your child restraint system is not equipped with a lock-off (a seat belt locking feature), secure the child restraint system using a locking clip.



5 After installing the child restraint system, rock it back and forth to ensure that it is installed securely. (→P.58)

■ Removing a child restraint system installed with a seat belt

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

When releasing the buckle, the child restraint system may spring up due to the rebound of the seat cushion. Release the buckle while holding down the child restraint system.

Since the seat belt automatically reels itself, slowly return it to the stowing position.

■ When installing a child restraint system

You may need a locking clip to install the child restraint system. Follow the instructions provided by the manufacturer of the system. If your child restraint system does not provide a locking clip, you can purchase the following item from any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer: Locking clip for child restraint system
(Part No. 73119-22010)

⚠ WARNING

■ When installing a child restraint system

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

- Do not allow children to play with the seat belt. If the seat belt becomes twisted around a child's neck, it may lead to choking or other serious injuries that could result in death. If this occurs and the buckle cannot be unfastened, scissors should be used to cut the belt.

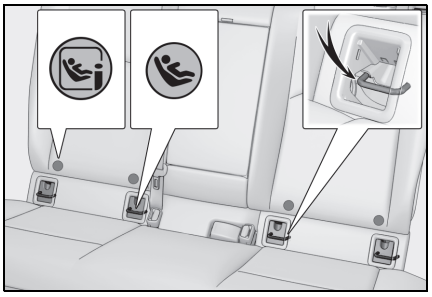
WARNING

- Ensure that the belt and plate are securely locked and the seat belt is not twisted.
- Shake the child restraint system left and right, and forward and backward to ensure that it has been securely installed.
- After securing a child restraint system, never adjust the seat.
- When a junior 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.
- Follow all installation instructions provided by the child restraint system manufacturer.

Child restraint system fixed with an ISOFIX lower anchorage

■ ISOFIX lower anchorages (ISOFIX child restraint system)

Lower anchorages are provided for the outboard rear seats. (Marks displaying the location of the anchorages are attached to the seats.)



■ Installation with ISOFIX lower anchorage (ISOFIX child restraint system)

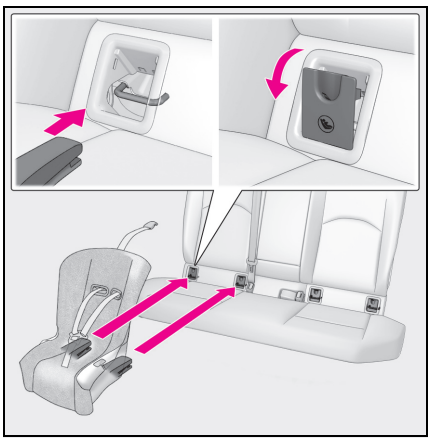
Install the child restraint system in accordance to the operation manual enclosed with the child restraint system.

If the child restraint system on hand is not within the "universal" category (or the necessary information is not in the table), refer to the "Vehicle List" provided by the child restraint system maker for various possible installation positions, or check the compatibility after asking the retailer of the child seat. (→P.50)

1. If the head restraint interferes with the child restraint system and the head restraint can be removed, remove the head restraint. Otherwise, put the head restraint in the upper most position. (→P.271)
2. Remove the anchorage covers, and install the child restraint system to the seat.

The bars are installed behind the anchor-

age covers.



3 After installing the child restraint system, rock it back and forth to ensure that it is installed securely. (→P.58)

WARNING

■ When installing a child restraint system

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

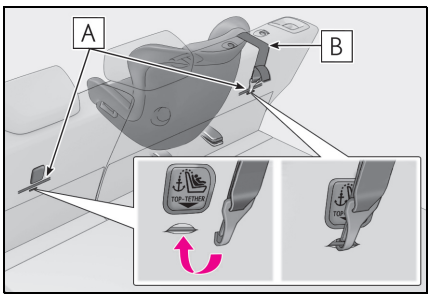
- After securing a child restraint system, never adjust the seat.
- When using the lower anchorages, be sure that there are no foreign objects around the anchorages and that the seat belt is not caught behind the child restraint system.
- Follow all installation instructions provided by the child restraint system manufacturer.

Using a top tether anchorage

■ Top tether anchorages

Top tether anchorages are provided for the outboard rear seats.

Use top tether anchorages when fixing the top strap.



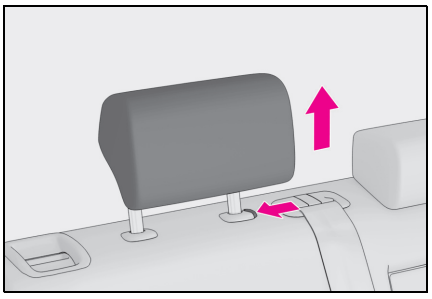
A Top tether anchorages

B Top strap

■ Fixing the top strap to the top tether anchorage

Install the child restraint system in accordance to the operation manual enclosed with the child restraint system.

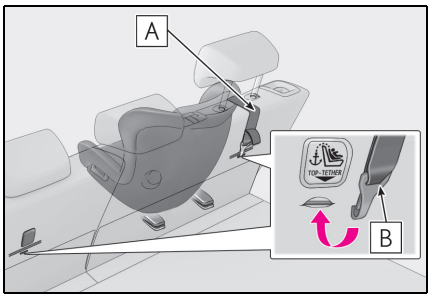
1 If the head restraint interferes with the child restraint system and the head restraint can be removed, remove the head restraint. Otherwise, put the head restraint in the upper most position. (→P.271)



2 Latch the hook onto the top tether anchorage and tighten the top strap.

Make sure the top strap is securely latched. (→P.58)

When installing the child restraint system with the head restraint raised, be sure to have the top strap pass underneath the head restraint.



A Top strap

B Hook

WARNING

■ When installing a child restraint system

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

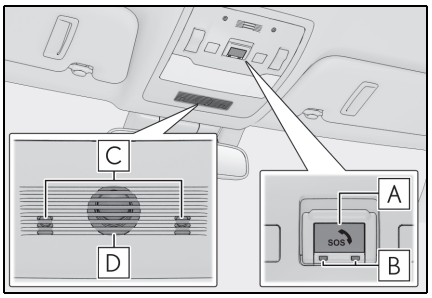
- Firmly attach the top strap and make sure that the belt is not twisted.
- Do not attach the top strap to anything other than the top tether anchorage.
- After securing a child restraint system, never adjust the seat.
- Follow all installation instructions provided by the child restraint system manufacturer.
- When installing the child restraint system with the head restraint being raised, after the head restraint has been raised and then the top tether anchorage has been fixed, do not lower the head restraint.

eCall*

*: Operates within the eCall coverage. The system name differs depending on the country.

eCall is a telematics service that uses Global Navigation Satellite System (GNSS) data and embedded cellular technology to enable the following emergency calls to be made: Automatic emergency calls (Automatic Collision Notification) and manual emergency calls (by pressing the "SOS" button). This service is required by European Union Regulations.

System components



A "SOS" button*

B Indicator lights

C Microphone

D Speaker

*: This button is intended for communication with the eCall system operator. Other SOS buttons available in other systems of a motor vehicle do not relate to the device and are not intended for communication with the eCall system operator.

Emergency Notification Services

■ Automatic Emergency Calls

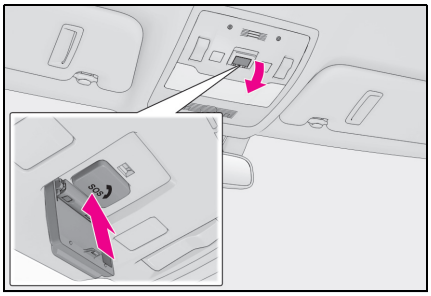
If any airbag deploys, the system is designed to automatically call the eCall control center.* The answering operator receives the vehicle's location, the time of the incident and the vehicle VIN, and attempts to speak with the vehicle occupants to assess the situation. If the occupants are unable to communicate, the operator automatically treats the call as an emergency and contacts the nearest emergency services provider (112 system etc.) to describe the situation and request that assistance be sent to the location.

*: In some cases, the call cannot be made. (→P.62)

■ Manual Emergency Calls

In the event of an emergency, press the "SOS" button to call the eCall control center.* The answering operator will determine your vehicle's location, assess the situation, and dispatch the necessary assistance required.

Make sure to open the cover before pressing the "SOS" button.



If you accidentally press the "SOS" button, tell the operator that you are not experiencing an emergency.

*: In some cases, the call cannot be made. (→P.62)

Indicator lights

When the power switch is turned to ON, the red indicator light will illuminate for 10 seconds and then the green indicator light will illuminate, indicating that the system is enabled. The indicator lights indicate the following:

- If the green indicator light illuminates and stays on, the system is enabled.
- If the green indicator light flashes twice per second, an automatic or manual Emergency Call is being made.
- If the red indicator light illuminates at any time other than immediately after the power switch is turned to ON, the system may be malfunctioning or the backup battery may be depleted.
- If the red indicator light blinks for approximately 30 seconds during an Emergency Call, the call has been disconnected or the cellular network signal is weak.

The service life of the backup battery does not exceed 3 years.

WARNING

■ When the Emergency Call may not be made

- It may not be possible to make Emergency Calls in any of the following situations. In such cases, report to emergency services provider (112 system etc.) by other means such as nearby public phones.
  - Even when the vehicle is in the cellular phone service area, it may be difficult to connect to the eCall control center if the reception is poor or the line is busy. In such cases, even though the system attempts to connect to the eCall control center, you may not be able to connect to the eCall control center to make Emergency Calls and contact emergency services.
  - When the vehicle is out of the cellular phone service area, the Emergency Calls cannot be made.
  - When any related equipment (such as the "SOS" button panel, indicator lights, microphone, speaker, DCM, antenna, or any wires connecting the equipment) is malfunctioning, damaged or broken, the Emergency Call cannot be made.
  - During an Emergency Call, the system makes repeated attempts to connect to the eCall control center. However, if it cannot connect to the eCall control center due to poor radio wave reception, the system may not be able to connect to the cellular network and the call may finish without connecting. The red indicator light will blink for approximately 30 seconds to indicate this disconnection.

WARNING

- If the 12-volt battery's voltage decreases or there is a disconnection, the system may not be able to connect to the eCall control center.
- The Emergency Call system might not work outside of EU area, depending on the available infrastructure in the country.

■ When the Emergency Call system is replaced with a new one

The Emergency Call system should be registered. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ For your safety

- Please drive safely.
  The function of this system is to assist you in making the Emergency Call in case of accidents such as traffic accidents or sudden medical emergencies, and it does not protect the driver or passengers in any way. Please drive safely and fasten your seatbelts at all times for your safety.
- In case of an emergency, make lives the top priority.
- If you smell anything burning or other unusual smells, leave the vehicle and evacuate to a safe area immediately.
- If the airbags deploy when the system is operating normally, the system makes emergency call. The system also makes emergency call when the vehicle is struck from the rear or rolls over, even if the airbags do not deploy.
- For safety, do not make the Emergency Call while driving.
  Making calls during driving may cause mishandling of the steering wheel, which may lead to unexpected accidents.
  Stop the vehicle and confirm the safety of your surroundings before making the Emergency Call.
- When changing fuses, please use the specified fuses. Using other fuses may cause ignition or smoke in the circuit and lead to a fire.
- Using the system while there is smoke or an unusual smell may cause a fire. Stop using the system immediately and consult any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

NOTICE

■ To prevent damage

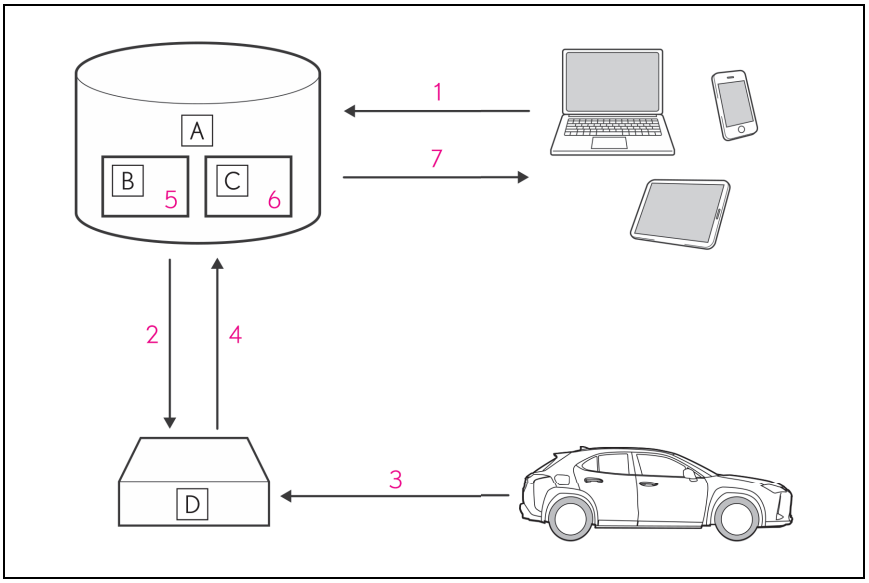
Do not pour any liquids onto the "SOS" button panel, etc. and do not impact it.

■ If the "SOS" button panel, speaker or microphone malfunctions during an Emergency Call or manual maintenance check

It may not be possible to make Emergency Calls, confirm the system status, or communicate with the eCall control center operator. If any of the above equipment is damaged, please consult any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

System overview of added service

Data processing flow



A Server

B Storage

C Processing

D DCM

1 Activation of data sharing is done by enabling a service on the "MyT by Toyota" app or purchasing a service that requires data collection.

2 Server activates the service in the DCM and defines which vehicle data to collect.

3 Defined vehicle data is collected by the DCM.

4 Data is shared with the server.

5 Data is stored in the server.

6 Data is processed in the server for fulfilling the service.

7 Processed data is presented to the customer.

For a list of eligible services in your region please visit the Lexus website or contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Implementing Regulation

Implementing Regulation Annex1 PART3 User Information			Conformity
1. DESCRIPTION OF THE ECALL IN-VEHICLE SYSTEM			
	1.1.	Overview of the 112-based eCall in-vehicle system, its operation and functionalities	○
	1.2.	The 112-based eCall service is a public service of general interest and is accessible free of charge.	○
	1.3.	The 112-based eCall in-vehicle system is activated by default. It is activated automatically by means of in-vehicle sensors in the event of a severe accident. It will also be triggered automatically when the vehicle is equipped with a TPS system which does not function in the event of a severe accident.	○
	1.4.	The 112-based eCall in-vehicle system can also be triggered manually, if needed. Instructions for manual activation of the system	○
	1.5.	In the event of a critical system failure that would disable the 112-based eCall in-vehicle system, the following warning will be given to the occupants of the vehicle	○

Implementing Regulation Annex1 PART3 User Information			Conformity
2. INFORMATION ON DATA PROCESSING			
	2.1.	Any processing of personal data through the 112-based eCall in-vehicle system shall comply with the personal data protection rules provided for in Directives 95/46/EC and 2002/58/EC, and in particular, shall be based on the necessity to protect the vital interests of the individuals in accordance with Article 7(d) of Directive 95/46/EC.	O
	2.2.	Processing of such data is strictly limited to the purpose of handling the emergency eCall to the single European emergency number 112.	O
	2.3. Types of data and its recipients		
	2.3.1.	The 112-based eCall in-vehicle system may collect and process only the following data: Vehicle Identification Number, Vehicle type (passenger vehicle or light commercial vehicle), Vehicle propulsion storage type (gasoline/diesel/CNG/LPG/electric/hydrogen), Vehicle last three locations and direction of travel, Log file of the automatic activation of the system and its timestamp, Any additional data (if applicable)	O
	2.3.2.	Recipients of data processed by the 112-based eCall in-vehicle system are the relevant public safety answering points designated by the respective public authorities of the country on which territory they are located, to first receive and handle eCalls to the single European emergency number 112. Additional information (if available):	O

Implementing Regulation Annex1 PART3 User Information			Conformity
	2.4. Arrangements for data processing		
	2.4.1.	The 112-based eCall in-vehicle system is designed in such a way as to ensure that the data contained in the system memory is not available outside the system before an eCall is triggered. Additional remarks (if any):	○
	2.4.2.	The 112-based eCall in-vehicle system is designed in such a way as to ensure that it is not traceable and not subject to any constant tracking in its normal operation status. Additional remarks (if any):	○
	2.4.3.	The 112-based eCall in-vehicle system is designed in such a way as to ensure that data in the system internal memory is automatically and continuously removed.	○
	2.4.3.1.	The vehicle location data is constantly overwritten in the internal memory of the system so as always to keep maximum of the last three up-to-date locations of the vehicle necessary for the normal functioning of the system.	○
	2.4.3.2.	The log of activity data in the 112-based eCall in-vehicle system is kept for no longer than necessary for attaining the purpose of handling the emergency eCall and in any case not beyond 13 hours from the moment an emergency eCall was initiated.	○

Implementing Regulation Annex1 PART3 User Information			Conformity
	2.5. Modalities for exercising data subject's rights		
	2.5.1.	The data subject (the vehicle's owner) has a right of access to data and as appropriate to request the rectification, erasure or blocking of data, concerning him or her, the processing of which does not comply with the provisions of Directive 95/46/EC. Any third parties to whom the data have been disclosed have to be notified of such rectification, erasure or blocking carried out in compliance with this Directive, unless it proves impossible or involves a disproportionate effort.	○
	2.5.2.	The data subject has a right to complain to the competent data protection authority if he or she considers that his or her rights have been infringed as a result of the processing of his or her personal data.	○
	2.5.3.	Contact service responsible for handling access requests (if any): →P.69	○

Implementing Regulation Annex1 PART3 User Information			Conformity
3. INFORMATION ON THIRD PARTY SERVICES AND OTHER ADDED VALUE SERVICES (IF FITTED)			
	3.1.	Description of the operation and the functionalities of the TPS system/added value service	→P.64
	3.2.	Any processing of personal data through the TPS system/other added value service shall comply with the personal data protection rules provided for in Directives 95/46/EC and 2002/58/EC.	O
	3.2.1.	Legal basis for the use of TPS system and/or added value services and for processing data through them	The European Union General Data Protection Regulation
	3.3.	The TPS system and/or other added value services shall process personal data only on the base of the explicit consent of the data subject (the vehicle's owner or owners).	O
	3.4.	Modalities for data processing through TPS system and/or other added value services, including any necessary additional information regarding traceability, tracking and processing of personal data	→P.64
	3.5.	The owner of a vehicle equipped with a TPS eCall system and/or other added value service in addition to the 112-based eCall in-vehicle system has the right to choose to use the 112-based eCall in-vehicle system rather than the TPS eCall system and the other added value service.	O
	3.5.1.	Contact details for handling TPS eCall system deactivation requests	N/A

■ **Service responsible for handling access requests**

Country	Contact information
Austria	datenschutz@toyota-frey.at
Belgium/Luxembourg	privacy@toyota.be
Croatia	dpcp@toyota.hr

Country	Contact information
Czech Republic/Hungary/Slovakia	adatvedelem@toyota-ce.com
Denmark	toyota@toyota.dk og
Estonia	privacy@lexus.ee
Finland	tietosuoja@toyota.fi
France	delegue.protectiondonnees@toyota-europe.com
Germany	Toyota.Datenschutz@toyota.de
Great Britain	privacy@tgb.toyota.co.uk
Greece	customer@toyota.gr
Iceland	personuvernd@toyota.is
Ireland	customerservice@toyota.ie
Italy	tmi.dpo@toyota-europe.com
Netherlands	www.toyota.nl/klantenservice
Norway	personvern@toyota.no
Poland	klient@toyota.pl
Portugal	gestaodadospessoais@toyotacaetano.pt
Romania	relatii.clienti@toyota.ro
Slovenia	dpcp@toyota.si
Spain	clientes@lexusauto.es/dpo@lexusauto.es
Sweden	integritet@lexus.se
Switzerland	info@toyota.ch

■ **Free/Open Source Software Information**

This product contains Free/Open Source Software (FOSS).

The license information and/or the source code of such FOSS can be found at the following URL.

http://www.opensourceautomotive.com/dcm/lexus/

■ Certification for eCall

Manufacturer : Continental Automotive Singapore Pte Ltd
Address : 80 Boon Keng Road, Continental Building Singapore 339780
Model : 19EU NCBOX / 19EU CBOX

Operation frequency (MHz) :
GSM 900 : Tx: 880 – 915 Rx: 925.0 – 960.0
GSM 1800 : Tx: 1710.2 – 1784.8 Rx: 1805.2 – 1879.8
WCDMA Band 1 : Tx: 1920 – 1980 Rx: 2110 – 2170
WCDMA Band 8 : Tx: 880 – 915 Rx: 925 – 960
LTE 1: Tx: 1920 – 1980 Rx: 2110 – 2170
LTE 3: Tx: 1710 – 1785 Rx: 1805 – 1880
LTE 7: Tx: 2500 – 2570 Rx: 2620 – 2690
LTE 8: Tx: 880 – 915 Rx: 925 – 960
LTE 20 : Tx: 832 – 862 Rx: 791 – 821
LTE 26: Tx: 814 – 849 Rx: 859 – 894
GNSS Receiver Frequency: 1559 – 1610
Maximum output power :
GSM 900 2W
GSM 1800 1W
WCDMA Band 1 : 0.25W
WCDMA Band 8 : 0.25W
LTE Band 1, 3, 7, 8, 20, 26 : 0.2W

שם המוצר וייעודו המסחרי: יחידת תקשורת לרכב
שם היצרן וכתובתו: קונטיננטל אוטומוטיב רפובליקת צ'כיה
סימן מסחרי רשום: Continental
שם דגם: 19EU NCBOX
ארץ ייצור: צ'כיה
שנת ייצור: 2019

CE The latest "DECLARATION of CONFORMITY" (DoC) is available at the following address: https://www.continental-homologation.com/

Hereby, Continental Automotive Singapore declares that the radio equipment type is in compliance with Directive 2014/53/EU.
Continental Automotive Singapore vakuuttaa täten että DCM tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Hierbij verklaart Continental Automotive Singapore dat het toestel DCM in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Par la présente Continental Automotive Singapore déclare que l'appareil DCM est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Härmed intygar Continental Automotive Singapore att denna DCM står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Undertegnede Continental Automotive Singapore erklærer herved, at fø lgende udstyr DCM overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Hiermit erklärt Continental Automotive Singapore, dass sich das Gerät DCM in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Continental Automotive Singapore ΔΗΛΩΝΕΙ ΟΤΙ DCM ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Con la presente Continental Automotive Singapore dichiara che questo DCM è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Por medio de la presente Continental Automotive Singapore declara que el DCM cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
Continental Automotive Singapore declara que este DCM está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Hawnhekk, Continental Automotive Singapore, jiddikjara li dan DCM jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.

Käesolevaga kinnitab Continental Automotive Singapore seadme DCM vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Alulírott, Continental Automotive Singapore nyilatkozom, hogy a DCM megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irá nyelv egyéb elõírásainak.
Continental Automotive Singapore týmto vyhlasuje, že DCM spĺňa zá kladné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Continental Automotive Singapore tímto prohlašuje, že tento DCM je ve shodě se základními požadavky a dalšími příslušnými ustanoveními sm ěrnice 1999/5/ES.
Continental Automotive Singapore izjavlja, da je ta DCM v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Šiuo Continental Automotive Singapore deklaruoja, kad šis DCM atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Ar šo Continental Automotive Singapore deklarē, ka DCM atbilst Direktī vas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Niniejszym Continental Automotive Singapore oświadcza, że DCM jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Hér með lýsir Continental Automotive Singapore yfir því að DCM er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
Continental Automotive Singapore erklærer herved at utstyret DCM er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
С настоящето, Continental Automotive Singapore, декларира, че DCM е в съответствие със съществените изисквания и другите прил ожими разпоредби на Директива 1999/5/EC.
Prin prezenta, Continental Automotive Singapore, declară că aparatul DCM este in conformitate cu cerinţele esenţiale şi cu alte prevederi pertinente ale Directivei 1999/5/CE.

Ovim, Continental Automotive Singapore, izjavljuje da ovaj DCM je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.
Ovim Continental Automotive Singapore, izjavljuje da je DCM u sklau s bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC i Pravilnika o RiTT opremi (NN 25/2012).

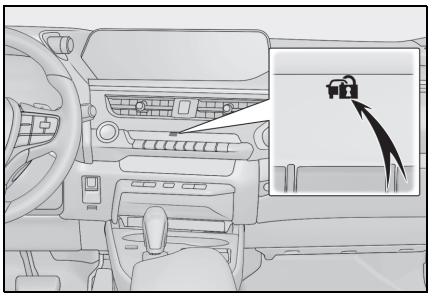
Immobilizer system

The vehicle's keys have built-in transponder chips that prevent the EV system from starting if a 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.

This system is designed to help prevent vehicle theft but does not guarantee absolute security against all vehicle thefts.

Operating the system



The security indicator flashes after the power switch has been turned off to indicate that the system is operating.

The indicator stops flashing after the power switch has been turned to ACC or ON to indicate that the system has been canceled.

■ System maintenance

The vehicle has a maintenance-free type 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 registered to the security system (key with a built-in transponder chip) of another vehicle

■ Certification for the immobilizer system

Hereby, TOYOTA MOTOR CORPORATION declares that the radio equipment type TMIMB-3 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: http://www.tokai-rika.co.jp/pc Frequency band: 119 - 135 kHz Maximum radio-frequency power: 55dBμA/m @10m
TOYOTA MOTOR CORPORATION vakuuttaa, että radiolaitetyyppi TMIMB-3 on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: http://www.tokai-rika.co.jp/pc Radiotaajuus: 119 - 135 kHz suurin mahdollinen lähetysteho: 55dBμA/m @10m
Hierbij verklaar ik, TOYOTA MOTOR CORPORATION, dat het type radioapparatuur TMIMB-3 conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: http://www.tokai-rika.co.jp/pc Frequentieband: 119 - 135 kHz Maximaal radiofrequentievermogen: 55dBμA/m @10m

Le soussigné, TOYOTA MOTOR CORPORATION, déclare que l'équipement radioélectrique du type TMIMB-3 est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: http://www.tokai-rika.co.jp/pc Bande de fréquences: 119 - 135 kHz Puissance de radiofréquence maximale: 55dBμA/m @10m
Härmed försäkrar TOYOTA MOTOR CORPORATION att denna typ av radioutrustning TMIMB-3 överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: http://www.tokai-rika.co.jp/pc Frekvensband: 119 - 135 kHz Maximal radiofrekvenseffekt: 55dBμA/m @10m
Hermed erklærer TOYOTA MOTOR CORPORATION, at radioudstyrstypen TMIMB-3 er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: http://www.tokai-rika.co.jp/pc Frekvensbånd: 119 - 135 kHz Maksimal radiofrekvenseffekt: 55dBμA/m @10m

Hiermit erklärt TOYOTA MOTOR CORPORATION, dass der Funkanlagentyp TMIMB-3 der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: http://www.tokai-rika.co.jp/pc Frequenzband: 119 - 135 kHz Abgestrahlte maximale Sendeleistung: 55dBμA/m @10m
Με την παρούσα ο/η TOYOTA MOTOR CORPORATION, δηλώνει ότι ο ραδιοεξοπλισμός TMIMB-3 πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: http://www.tokai-rika.co.jp/pc Ζώνη συχνοτήτων: 119 - 135 kHz Μέγιστη ισχύς ραδιοσυχνότητας: 55dBμA/m @10m
Il fabbricante, TOYOTA MOTOR CORPORATION, dichiara che il tipo di apparecchiatura radio TMIMB-3 è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: http://www.tokai-rika.co.jp/pc Banda di frequenza: 119 - 135 kHz Potenza massima radiofrequenza: 55dBμA/m @10m

Por la presente, TOYOTA MOTOR CORPORATION declara que el tipo de equipo radioeléctrico TMIMB-3 es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: http://www.tokai-rika.co.jp/pc Banda de frecuencia: 119 - 135 kHz Potencia máxima de radiofrecuencia: 55dBμA/m @10m
O(a) abaixo assinado(a) TOYOTA MOTOR CORPORATION declara que o presente tipo de equipamento de rádio TMIMB-3 está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: http://www.tokai-rika.co.jp/pc Banda de frequência: 119 - 135 kHz Potência máxima de radiofrequências: 55dBμA/m @10m
B'dan, TOYOTA MOTOR CORPORATION, niddikjara li dan it-tip ta' tagħmir tar-radju TMIMB-3 huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: http://www.tokai-rika.co.jp/pc Tíðnisvið: 119 - 135 kHz Hámarks útvarpsbylgjutíðni: 55dBμA/m @10m

Käesolevaga deklareerib TOYOTA MOTOR CORPORATION, et käesolev raadioseadme tüüp TMIMB-3 vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: http://www.tokai-rika.co.jp/pc Sagedusriba: 119 - 135 kHz Maksimaalne saatevõimsus: 55dBμA/m @10m
TOYOTA MOTOR CORPORATION igazolja, hogy a TMIMB-3 típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: http://www.tokai-rika.co.jp/pc Frekvenciasáv: 119 - 135 kHz Maximális jelerősség: 55dBμA/m @10m
TOYOTA MOTOR CORPORATION týmto vyhlasuje, že rádiové zariadenie typu TMIMB-3 je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: http://www.tokai-rika.co.jp/pc Frekvenčné pásmo: 119 - 135 kHz Maximálny rádiofrekvenčný výkon: 55dBμA/m @10m

Tímto TOYOTA MOTOR CORPORATION prohlašuje, že typ rádiového zařízení TMIMB-3 je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: http://www.tokai-rika.co.jp/pc Kmitočtové pásmo: 119 - 135 kHz Maximální radiofrekvenční výkon: 55dBμA/m @10m
TOYOTA MOTOR CORPORATION potrjuje, da je tip radijske opreme TMIMB-3 skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: http://www.tokai-rika.co.jp/pc Frekvenčni pas: 119 - 135 kHz Največja moč radijske frekvence: 55dBμA/m @10m
Aš, TOYOTA MOTOR CORPORATION, patvirtinu, kad radijo įrenginių tipas TMIMB-3 atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: http://www.tokai-rika.co.jp/pc Dažnių juosta: 119 - 135 kHz Didžiausia radijo dažnių galia: 55dBμA/m @10m

Ar šo TOYOTA MOTOR CORPORATION deklarē, ka radioiekārta TMIMB-3 atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: http://www.tokai-rika.co.jp/pc Frekvenču josla: 119 - 135 kHz Maksimālā radiofrekvenču jauda: 55dBμA/m @10m
TOYOTA MOTOR CORPORATION niniejszym oświadcza, że typ urządzenia radiowego TMIMB-3 jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: http://www.tokai-rika.co.jp/pc Zakres częstotliwości: 119 - 135 kHz Maksymalna moc częstotliwości radiowej: 55dBμA/m @10m
TOYOTA MOTOR CORPORATION lýsir því hér með yfir að fjarskiptatækið af gerð TMIMB-3 er í samræmi við tilskipun 2014/53/EU. Öll ESB-samræmisyfirlýsingin er tiltæk á eftirfarandi vefslóð: http://www.tokai-rika.co.jp/pc Tíðnisvið: 119 - 135 kHz Hámarks útvarpsbylgjutíðni: 55dBμA/m @10m

TOYOTA MOTOR CORPORATION erklærer herved at radioutstyrtypen TMIMB-3 er i samsvar med direktivet 2014/53/EU.

Hele teksten av EU-samsvarserklæringen kan leses på det følgende nettstedet:
http://www.tokai-rika.co.jp/pc

Frekvensbånd: 119 - 135 kHz
Maksimal radiofrekvenseffekt: 55dBμA/m @10m

С настоящото TOYOTA MOTOR CORPORATION декларира, че този тип радиосъоръжение TMIMB-3 е в съответствие с Директива 2014/53/ЕС.

Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес:
http://www.tokai-rika.co.jp/pc

Радиочестотна лента: 119 - 135 kHz
Максимална радиочестотна мощност: 55dBμA/m @10m

Prin prezenta, TOYOTA MOTOR CORPORATION declară că tipul de echipamente radio TMIMB-3 este în conformitate cu Directiva 2014/53/UE.

Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:
http://www.tokai-rika.co.jp/pc

Banda de frecvență: 119 - 135 kHz
Puterea maximă de radiofrecvență: 55dBμA/m @10m

Ovime TOYOTA MOTOR CORPORATION potvrđuje da je radio-oprema tipa TMIMB-3 u skladu sa Direktivom 2014/53/EU. Potpuni tekst EU deklaracije o usaglašenosti dostupan je na slijedećoj internet adresi: http://www.tokai-rika.co.jp/pc Frekvencijski opseg: 119 - 135 kHz Maksimalna radio-frekvencijska snaga: 55dBμA/m @10m
Me anë të këtij dokumenti, TOYOTA MOTOR CORPORATION deklaron se tipi i radiopajisjes TMIMB-3 është në përputhje me Direktivën 2014/53/EU. Teksti i plotë i deklaratës së konformitetit të Bashkimit Evropian është i disponueshëm në adresën e mëposhtme të internetit: http://www.tokai-rika.co.jp/pc Brezi i frekuencës: 119 - 135 kHz Fuqia maksimale e radiofrekuencës: 55dBμA/m @10m
TOYOTA MOTOR CORPORATION ovime izjavljuje da je radijska oprema tipa TMIMB-3 u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: http://www.tokai-rika.co.jp/pc Frekvencijski pojas: 119 - 135 kHz Maksimalna RF snaga: 55dBμA/m @10m

Ovim TOYOTA MOTOR CORPORATION potvrđuje da je radio-oprema tipa TMIMB-3 u skladu sa Direktivom 2014/53/EU.

Potpuni tekst EU deklaracije o usaglašenosti dostupan je na sledećoj internet adresi:
http://www.tokai-rika.co.jp/pc

Frekventni opseg: 119 - 135 kHz
Maksimalna radio-frekventna snaga: 55dBμA/m @10m

TOYOTA MOTOR CORPORATION, işbu belgeyle telsiz cihazı türünün TMIMB-3 2014/53/EU nolu Direktif ile uyumlu olduğunu beyan etmektedir.

AB uygunluk beyanının tam metnine aşağıdaki internet adresinden ulaşabilirsiniz:
http://www.tokai-rika.co.jp/pc

Frekans bandı: 119 - 135 kHz
Maksimum radyo frekans gücü: 55dBμA/m @10m

CE

Address: 1, Toyota-cho,Toyota,Aichi,471-8572,Japan

⚠ NOTICE

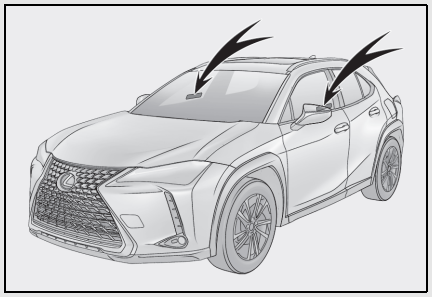
■ **To ensure the system operates correctly**

Do not modify or remove the system. If modified or removed, the proper operation of the system cannot be guaranteed.

Double locking system

Unauthorized access to the vehicle is prevented by disabling the door unlocking function from both the interior and exterior of the vehicle.

Vehicles employing this system have labels on the side window of both front doors.



Setting/canceling the double locking system

■ Setting

Turn the power switch off, have all the passengers exit the vehicle and ensure that all the doors are closed.

Using the entry function:
Touch the sensor area on the outside door handle twice within 5 seconds.

Using the wireless remote control:

Press twice within 5 seconds.

■ Canceling

Using the entry function: Hold the outside door handle.

Using the wireless remote control:

Press .

WARNING

■ **Double locking system precaution**

Never activate the double locking system when there are people in the vehicle, because all the doors cannot be opened from inside the vehicle.

Alarm*

*: If equipped

The alarm uses light and sound to give an alert when an intrusion is detected.

The alarm is triggered in the following situations when the alarm is set:

- A locked door is unlocked or opened in any way other than using the entry function (if equipped) or wireless remote control. (The doors will lock again automatically.)
- The hood is opened.
- The intrusion sensor detects something moving inside the vehicle. (An intruder gets in the vehicle.)
- Vehicles with tilt sensor: The tilt sensor detects a change of vehicle inclination.
- Vehicles with glass breakage sensor: Any of the windows are broken.

Setting/canceling/stopping the alarm system

Items to check before locking the vehicle

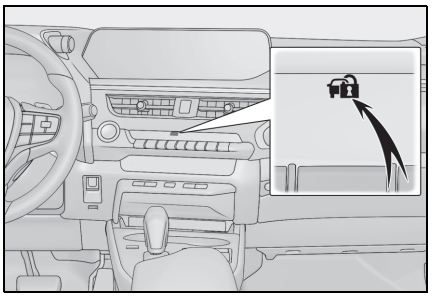
To prevent unexpected triggering of the alarm and vehicle theft, make sure of the following.

- 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.

Setting

Close the doors and hood, and lock all the doors using the entry function (if equipped) or wireless remote control. The system will be set automatically after 30 seconds.

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



Canceling or stopping

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

- Unlock the doors using the entry function (if equipped) or wireless remote control.
- Start the EV system. (The alarm will be deactivated or stopped after a few seconds.)

System maintenance

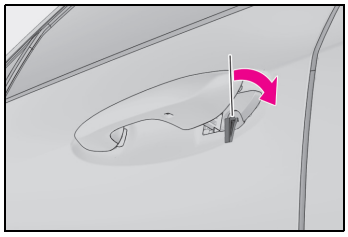
The vehicle has a maintenance-free type alarm system.

Triggering of the alarm

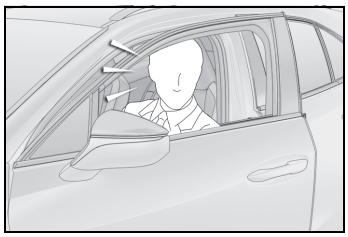
The alarm may be triggered in the following situations:

(Stopping the alarm deactivates the alarm system.)

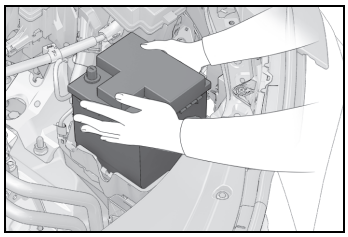
- The doors are unlocked using the mechanical key.



- A person inside the vehicle opens a door or hood, or unlocks the vehicle using an inside lock button.



- The 12-volt battery is disconnected. (→P.543)



■ Alarm-operated door lock

In the following cases, depending on the situation, the door may automatically lock to prevent improper entry into the vehicle:

- When a person remaining in the vehicle unlocks the door and the alarm is activated.
- While the alarm is activated, a person remaining in the vehicle unlocks the door.
- When recharging or replacing the 12-volt battery.

■ Customization

The alarm can be set to deactivate when the mechanical key is used to unlock. (Customizable features: →P.556)

NOTICE

■ To ensure the system operates correctly

Do not modify or remove the system. If modified or removed, the proper operation of the system cannot be guaranteed.

Intrusion sensor (if equipped) and tilt sensor (if equipped)

■ The intrusion sensor and tilt sensor detection

- The intrusion sensor detects intruders or movement in the vehicle.
- The tilt sensor detects changes in vehicle inclination, such as when the vehicle is towed away.

This system is designed to deter and prevent vehicle theft but does not guarantee absolute security against all intrusions.

■ Setting the intrusion sensor and tilt sensor

The intrusion sensor and tilt sensor will be set automatically when the alarm is set. (→P.87)

■ Canceling the intrusion sensor and tilt sensor

If you are leaving pets or other moving things inside the vehicle, make sure to disable the intrusion sensor and tilt sensor before setting the alarm, as they will respond to movement inside the

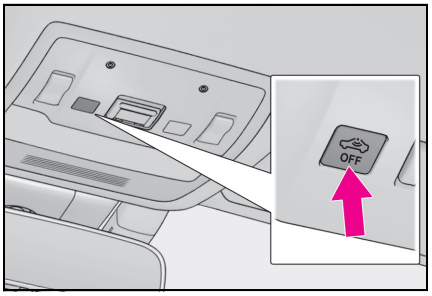
vehicle.

1 Turn the power switch off.

2 Press the intrusion sensor and tilt sensor cancel switch.

Press the switch again to re-enable the intrusion sensor and tilt sensor.

Each time the intrusion sensor and tilt sensor are canceled/set, a message will be shown on the multi-information display in the instrument cluster.



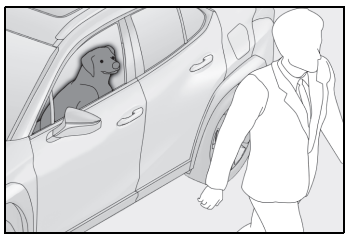
■ **Canceling and automatic re-enabling of the intrusion sensor and tilt sensor**

- The alarm will still be set even when the intrusion sensor and tilt sensor are canceled.
- After the intrusion sensor and tilt sensor are canceled, pressing the power switch or unlocking the doors using the entry function (if equipped) or wireless remote control will re-enable the intrusion sensor and tilt sensor.
- The intrusion sensor and tilt sensor will automatically be re-enabled when the alarm system is reactivated.
- The intrusion sensor will automatically be canceled when the remote air conditioning system is activated.

■ **Intrusion sensor detection considerations**

The sensor may trigger the alarm in the following situations:

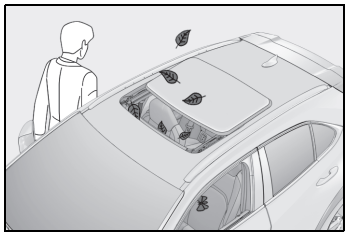
- People or pets are in the vehicle.



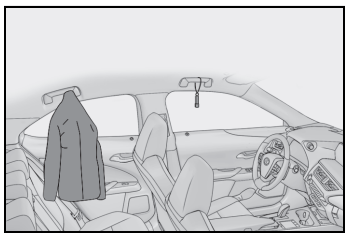
- A window or the moon roof (if equipped) is open.

In this case, the sensor may detect the following:

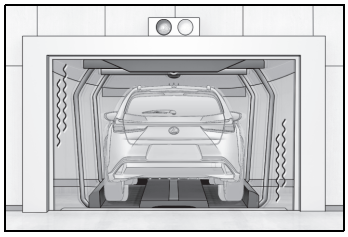
- Wind or the movement of objects such as leaves and insects inside the vehicle
- Ultrasonic waves emitted from devices such as the intrusion sensors of other vehicles
- The movement of people outside the vehicle



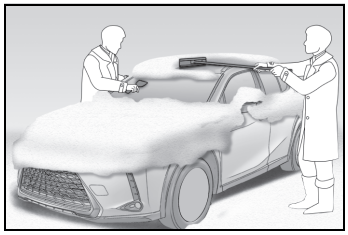
- Unstable items, such as dangling accessories or clothes hanging on the coat hooks, are in the vehicle.



- The vehicle is parked in a place where extreme vibrations or noises occur, such as in a parking garage.



● Ice or snow is removed from the vehicle, causing the vehicle to receive repeated impacts or vibrations.



● The vehicle is inside an automatic or high-pressure car wash.

● The vehicle experiences impacts, such as hail, lightning strikes, and other kinds of repeated impacts or vibrations.

■ Tilt sensor detection considerations

The sensor may trigger the alarm in the following situations:

● The vehicle is transported by a ferry, trailer, train, etc.

● The vehicle is parked in a parking garage.

● The vehicle is inside a car wash that moves the vehicle.

● Any of the tires loses air pressure.

● The vehicle is jacked up.

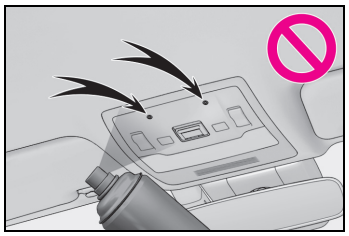
● An earthquake occurs or the road caves in.

● Cargo is loaded onto or unloaded from the roof luggage carrier.

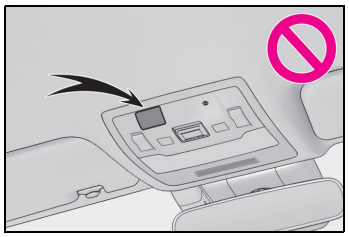
NOTICE

■ To ensure the intrusion sensor functions correctly

● Do not spray air fresheners or other products directly into the sensor holes.



● To ensure that the sensors operate properly, do not touch or cover them.



● Installing accessories other than genuine Lexus parts or leaving objects between the driver's seat and front passenger's seat may reduce the detection performance.

● Vehicles with entry function: The intrusion sensor may be canceled when the electronic key is near the vehicle.

2-1. Electric vehicle system

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How to use AC charging 130

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Using the charging schedule function (AC charging) 142

Using My Room Mode 152

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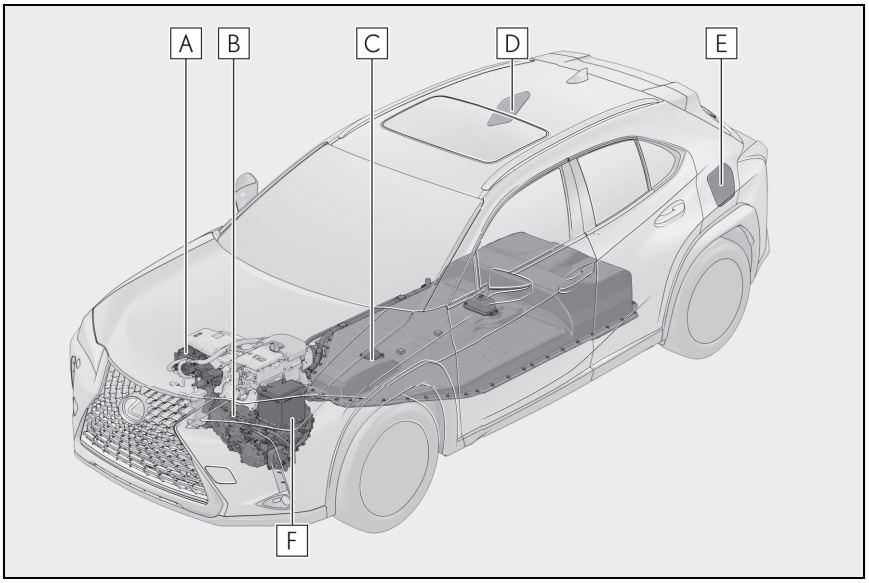
Electric Vehicle system features

Electric vehicles are considerably different from conventional vehicles.

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

System components



The illustration is an example for explanation and may differ from the actual item.

A Onboard traction battery charger

B Electric motor (traction motor)

C Traction battery

Provides electricity to the electric motor.

D AC charging port

E DC charging port

F 12-volt battery

Provides electricity to various vehicle systems such as the SRS airbags, headlights, wipers,

etc.

■ **When braking (regenerative braking)**

The electric motor (traction motor) charges the traction battery.

The driving range can be extended by actively using this regenerative braking to store electricity in the traction battery.

Charging

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

- Charging equipment (→P.103)
- AC charging cable (→P.106)
- Power sources that can be used (→P.121)
- Things to know before charging (→P.128)
- How to charge your vehicle (→P.130, 138)
- When charging cannot be performed normally (→P.156)

■ **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 or B.
- The brake pedal is depressed while driving with the shift position in D or B.

■ **Charging the 12-volt battery**

The 12-volt battery is charged from the traction battery when the EV system is operated or while the traction battery is being charged.

If the vehicle has not been used for a long time, the 12-volt battery may become low due to self-discharge. If this occurs, follow the correct procedures. (→P.541)

■ **When not using the vehicle for an extended period of time**

- When the vehicle will not be used for an extended period of time, charge the traction battery once a month.
  This protects the traction battery from extreme voltage decline due to self discharging.
- To prevent the 12-volt battery from being discharged, do not leave the charging port lid open or the charging cable connected to the vehicle.

■ **Charging the traction battery**

Be sure to maintain the traction battery charge level suitable for your driving needs.

If the traction battery fully discharges, the vehicle cannot be driven at all. When the battery becomes low, charge it as soon as possible.

■ **If the traction battery becomes low**

- If the traction battery becomes low, the traction battery charge warning light comes on or flashes and a message will be displayed on the multi-information display. (→P.518)
- If the traction battery is completely discharged, the EV system cannot be started and driving will not be possible. When the traction battery becomes low, charge it as soon as possible.

■ **Sound and vibrations specific to an electric vehicle**

Because an electric vehicle does not have the engine sound or vibrations that a conventional vehicle has, the driver may not notice that the "READY" indicator is illuminated and the vehicle can be driven. For safety reasons, make sure to shift the shift position to P and apply the parking brake when the vehicle is 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.
- 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 and/or traction battery.
- The operation sound of the air conditioning system (air conditioning compressor, blower motor).

■ **Maintenance, repair, recycling, and disposal**

Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer regarding maintenance, repair, recycling and disposal. Do not dispose of the vehicle yourself.

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 25 km/h (15 mph).

■ **Acoustic Vehicle Alerting System**

In the following cases, the Acoustic Vehicle Alerting System may be difficult for surrounding people to hear.

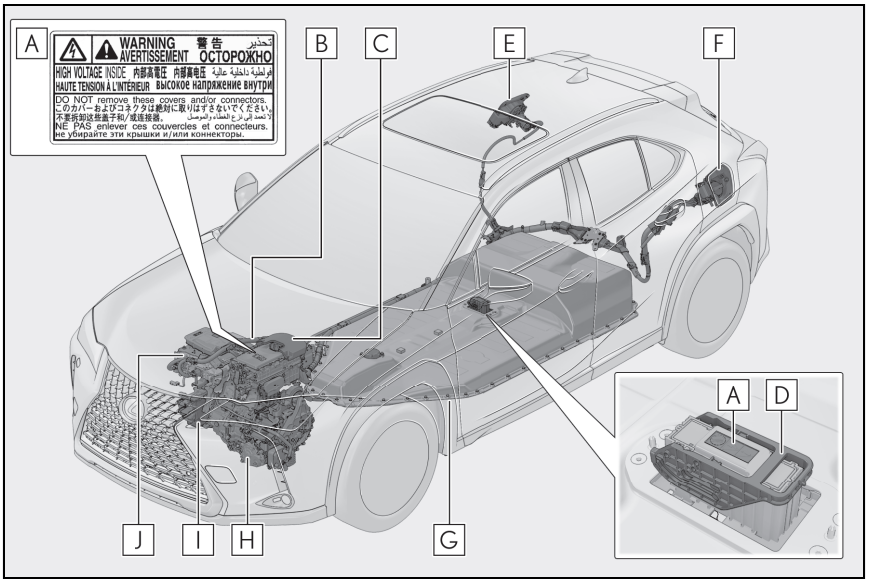
- In very noisy areas
- In the wind or the rain

Also, as the Acoustic Vehicle Alerting System is installed on the front of the vehicle, it may be more difficult to hear from the rear of the vehicle compared to the front.

Electric Vehicle system precautions

Be careful of the high voltage components (nominal voltage at 355.2 V), such as the traction battery, power control unit, orange colored high voltage cables, and electric motor, as well as high temperature components such as the cooling radiator, which are provided on the electric vehicle. For the high voltage components, warning labels are provided on them. Read them when they need to be handled.

System components



The illustration is an example for explanation and may differ from the actual item.

A Warning label

B High voltage cables (orange)

C Power control unit and DC-DC converter

D Service plug

E AC charging inlet

F DC charging inlet

G Traction battery

H Electric motor (traction motor)

I Air conditioning compressor

J Onboard traction battery charger

■ **Electromagnetic waves**

- High-voltage parts and cables on the electric vehicles incorporate electromagnetic shielding, and therefore emit approximately the same amount of electromagnetic waves as conventional gasoline-powered vehicles or home electronic appliances.
- Your vehicle may cause sound interference in some third party-produced radio parts.

■ **Traction battery (Lithium-ion battery)**

The traction battery has a limited service life.

The traction battery capacity (the ability to store energy) reduces with time and use in the same way as other rechargeable batteries. The extent at which capacity reduces changes drastically depending on the environment (outside temperature, etc.) and usage conditions, such as how the vehicle is driven and how the traction battery is charged.

This is a natural characteristic of lithium-ion battery, and is not a malfunction. Also, even though the driving range decreases when the traction battery capacity reduces, vehicle performance does not significantly become worse. In order to reduce the possibility of the capacity reducing, follow the directions listed on P.129, "Capacity reduction of the traction battery".

■ **Starting the EV system in an extremely cold environment**

When the traction battery is extremely cold (below approximately -30°C [-22°F]) due to the temperature outside of the vehicle, it may not be possible to start the EV system. In this case, try to start the EV system again after the temperature of the traction battery increases due to the outside temperature increasing, etc.

■ **Declaration of conformity**

This model conforms to hydrogen emissions according to regulation ECE100 (Battery electric vehicle safety).

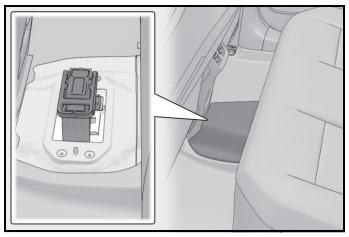
WARNING

■ **High-voltage precautions**

The vehicle has high voltage DC and AC systems as well as a 12-volt system.

DC and AC high voltage systems are very dangerous and can cause severe burns and electric shock that may result in death or serious injury.

- Never touch, disassemble, remove, or replace the high voltage parts, cables (orange) or their connectors.
- The EV system will become hot after starting as the system uses high voltage. Be careful of both the high voltage and the high temperature, and always obey the warning labels attached to the vehicle.
- Never try to open the service plug access hole located under the floor. The service plug is used only when the vehicle is being serviced and is subject to high voltage.



WARNING

■ Road accident cautions

Observe the following precautions to reduce the risk of death or serious injury:

- Stop the vehicle in a safe place to prevent subsequent accidents. While depressing the brake pedal, apply the parking brake, shift the shift position to P and stop the EV system. Then, slowly release the brake pedal.
- Do not touch the high voltage parts, cables (orange) and connectors.
- If electric wires are exposed inside or outside your vehicle, an electric shock may occur. Never touch exposed electric wires.
- Do not touch the traction battery if liquid is leaking from or adhered to it. If electrolyte (Organic Carbonate-based electrolyte) from the traction battery comes into contact with the eyes or skin, it could cause blindness or skin wounds. In the unlikely event that it comes into contact with the eyes or skin, wash it off immediately with a large amount of water, and seek immediate medical attention.
- If electrolyte is leaking from the traction battery, do not approach the vehicle.
  Even in the unlikely event that the traction battery has been damaged, the internal construction of the battery will prevent a large amount of electrolyte from leaking out. However, if electrolyte leaks, vapors will be emitted.
  These vapors are an irritant to skin and eyes and could cause acute poisoning if inhaled.
- Do not bring burning or high-temperature items close to the electrolyte. The electrolyte may ignite and cause a fire.
- If a fire occurs in the electric vehicle, leave the vehicle as soon as possible. Never use a fire extinguisher that is not meant for electrical fires. Using even a small amount of water may be dangerous.
- If your vehicle needs to be towed, be sure to transport the vehicle with the front wheels raised. If the vehicle is towed with the front wheels which are connected to the electric motor (traction motor) contacting the ground, electricity generated by the operation of the motor may cause a fire to occur depending on the nature of the damage or malfunction. (→P.509)
- Carefully inspect the ground under the vehicle. If leaked liquid (other than water from the air conditioning) is found on the ground, the traction battery may have been damaged. Leave the vehicle as soon as possible.
  In addition, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer with regard to the leakage found on the ground.

■ Traction battery

- Your vehicle contains a sealed lithium-ion battery.
- Never resell, hand over or modify the traction battery. To prevent accidents, traction batteries that have been removed from a disposed vehicle are collected through any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer. Do not dispose of the battery yourself. Unless the battery is properly collected, the following may occur, resulting in death or serious injury:

• The traction battery may be illegally disposed of or dumped, and it is hazardous to the environment or someone may touch a high voltage part, resulting in an electric shock.

WARNING

- The traction battery is intended to be used exclusively with your electric vehicle. If the traction battery is used outside of your vehicle or modified in any way, accidents such as electric shock, heat generation, smoke generation, an explosion and electrolyte leakage may occur. When reselling or handing over your vehicle, the possibility of an accident is extremely high because the person receiving the vehicle may not be aware of these dangers.

- If your vehicle is disposed of without the traction battery having been removed, there is a danger of serious electric shock if high voltage parts, cables and their connectors are touched. In the event that your vehicle must be disposed of, the traction battery must be disposed of by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer or a qualified service shop. If the traction battery is not disposed of properly, it may cause electric shock that can result in death or serious injury.

- For information about traction battery collection locations, contact information, or the recycling process, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ Caution while driving

- Pay special attention to the area around the vehicle. Because there is no engine noise, pedestrians, people riding bicycles or other people and vehicles in the area may not be aware of the vehicle starting off or approaching them, so take extra care while driving. Therefore, take extra care while driving even if the Acoustic Vehicle Alerting System is active.

- If the vehicle under floor area receives strong shock or impact while driving, stop the vehicle in a safe place and check around the bottom of the vehicle. If there is damage to the traction battery or liquid leakage, it may lead to a vehicle fire, etc. Do not touch the vehicle and immediately contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ Modifications

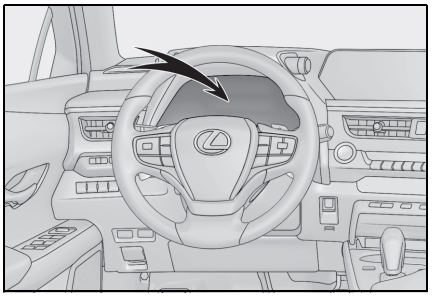
Do not modify to lower the height of the vehicle. The traction battery in the under floor area may come into contact with the ground when the height of vehicle is lowered. If the traction battery is damaged, a vehicle fire may occur, possibly resulting in death or serious injury.

Emergency shut off system

When a certain level of impact is detected by the impact sensors, the emergency shut off system turns off the EV system and blocks the high voltage current. If the emergency shut off system activates, your vehicle will not restart. To restart the EV system, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Warning message

A message is automatically displayed when a malfunction occurs in the EV system or an improper operation is attempted.



If a warning message is shown on the multi-information display, read the message and follow the instructions. (→P.163, 522)

■ **If a warning light comes on, a warning message is displayed, or the 12-volt battery is disconnected**

The EV system may not start.

In that case, try to start the system again. If the "READY" indicator does not come on, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **When the traction battery is completely discharged**

When the EV system cannot be started due to the traction battery being completely discharged, restart the system after AC charging or DC charging. When charging, it is recommended to charge the traction battery until the traction battery charge warning light turns off in order to ensure sufficient driving distance.

Also, in the discharged state, DC charging can not be performed with the power switch ON, charge the traction battery with the power switch OFF.

Electric Vehicle driving tips

Unlike the conventional vehicles, the electricity consumption efficiency of electric vehicles will decline if they continue driving on highways (or freeways) or at high average speeds, causing the possible driving distance to reduce. Therefore, if the remaining charge of the traction battery is low, avoid relying on the displayed possible driving distance too much as well as driving on highways (or freeways). Driving the vehicle at moderate speeds, the traction battery's electricity consumption can be controlled.

The following driving tips will contribute to reduction in the battery consumption and increase in the driving range.

Shift position operation

Shift the shift position to D when stopped at a traffic light, or driving in heavy traffic etc. Shift the shift position to P when parking. When using the N, there is no positive effect on electricity consumption. In the N, the electricity cannot be generated.Also, when using the air conditioning system, etc., the traction battery electricity is consumed. (→P.296)

Delays

Repeated acceleration and deceleration due to traffic congestion, long waits at traffic lights, and driving on steep inclines will lead to poor electricity consumption. In order to avoid those situations as much as possible, check traffic reports before leaving. If the vehicle is driven in traffic congestion, gently release the brake pedal to allow the vehicle to move forward slightly, avoid overuse of the accelerator pedal. Doing so can help minimize unnecessary electricity consumption.

Use of EV System Indicator

Keeping the EV System Indicator within Eco area can help minimize consumption of the traction battery, allowing the vehicle to drive in an Eco-friendly manner. (→P.174, 184)

When braking

Make sure to operate the brakes gently and a timely manner. A greater amount of electrical energy can be regenerated when slowing down.

Highway (or freeways) driving

Control and maintain the vehicle at a constant speed. Before stopping at a toll booth or similar, allow plenty of time to release the accelerator and gently apply the brakes. A greater amount of electrical energy can be regenerated when slowing down.

Air conditioning

- Use the air conditioning only when necessary. Doing so can help reduce excessive electricity consumption.

In summer: When the ambient temperature is high, use the recirculated air mode. Doing so will help to reduce the burden on the air conditioning system and reduce electricity consumption as well.

In winter: Excessive or unnecessary heating should be avoided. Also, electricity consumption can be improved by avoiding overuse of the heater.

- Lexus Climate Concierge allows automatic air-conditioning control to maintain a comfortable condition, helping minimize unnecessary electricity consumption. (→P.418)
- When using the Remote Air Conditioning System (→P.429) while the AC charging cable is connected to the vehicle, electricity consumption immediately after starting off will be reduced because air conditioning is operated mainly using electricity from an external power source.
- When setting the charging schedule, selecting “Departure” charging mode and setting “Climate Prep” to “On”, electricity consumption immediately after starting off can be reduced because air conditioning is operated to adjust the cabin temperature in advance and match it with the departure time. (→P.143)

Checking tire inflation pressure

Make sure to check the tire inflation pressure frequently. Improper tire inflation pressure can cause poor electricity consumption.

Also, as snow tires can cause large amounts of friction, their use on dry roads will lead to poor electricity consumption. Use tires that are appropriate for the season.

Luggage

Carrying heavy luggage will lead to poor electricity consumption. Avoid carrying unnecessary luggage.

Driving range

The driving range displayed on the multi-information display, etc., shows the reference distance that driving is possible, and the actual distance that can be driven may differ from that displayed.

Displayed value

A value for which a sufficient level of driving performance can be provided is estimated based on the remaining charge of the traction battery, the state of the traction battery, the outside temperature, etc. and is displayed on the multi-information display. (→P.177)

When the outside temperature is low, the traction battery output may be decreased, causing the possible driving distance to be shorter. However, this is not a malfunction. Charge the traction battery earlier than usual.

Tips for extending the driving range

Possible driving distance varies significantly depending on how the vehicle is driven, road conditions, the weather, the outside temperature, usage conditions of electrical components and the number of occupants.

Possible driving distance could be extended if the followings are performed:

- Maintain a safe distance from the

vehicle in front and avoid unnecessary acceleration and deceleration

- Accelerate and decelerate the vehicle as smoothly as possible
- Drive at moderate speeds as much as possible and maintain a constant speed
- Set the air conditioning system to a moderate temperature and avoid using the heating and cooling functions excessively.
- Use tires of the specified size and maintain the specified tire pressure
- Do not add unnecessary weight to the vehicle

Display when charging is completed

The followings indicate that charging has been carried out properly.

- The AC charging indicator turns off
- "Charging complete" is displayed on the multi-information display when a door is opened while the power switch is off. (→P.127)

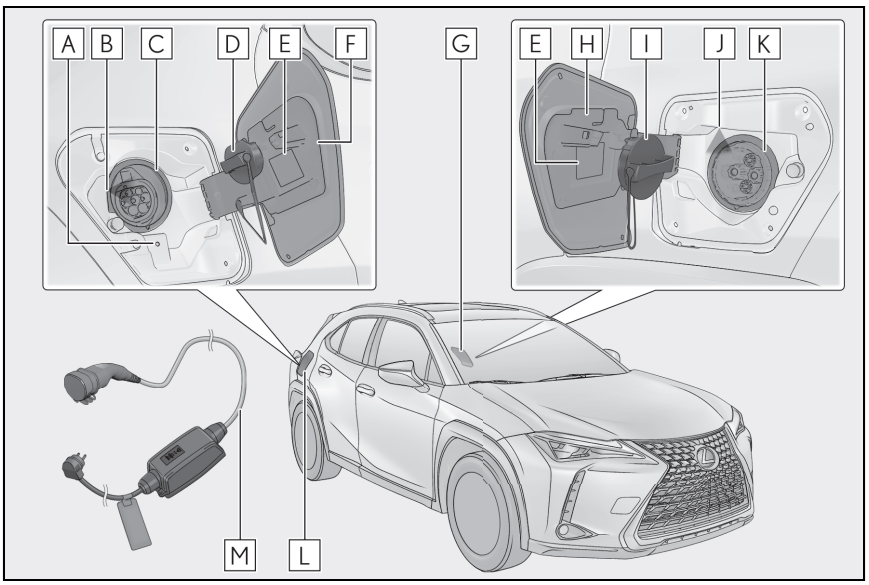
Regardless of the type of power source or whether the charging schedule function is used, charging is completed if the above can be confirmed.

Charging-related messages: →P.163

Charging equipment

This vehicle features equipment for connecting to an external power source.

Charging components



A AC charging indicator (→P.105)

B AC charging inlet light

C AC charging inlet

D AC charging inlet cap

E Caution label/identification label (→P.109)

F AC charging port lid (→P.104)

G DC charging port

H DC charging port lid (→P.104)

I DC charging inlet cap

J DC charging inlet light

K DC charging inlet

L AC charging port

M AC charging cable (→P.106)

Opening/closing the charging port lids

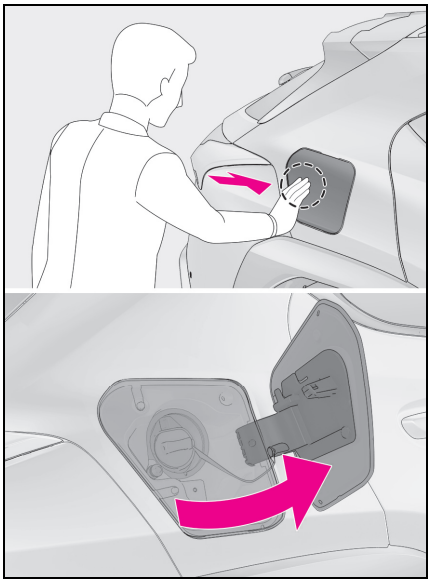
Opening and closing methods for the AC charging port lid and DC charging port lid are the same.

■ Open

Unlock the charging port lid by unlocking the doors.(→P.190)

Slightly open the charging port lid by pressing the rear edge of it (the position shown in the illustration)

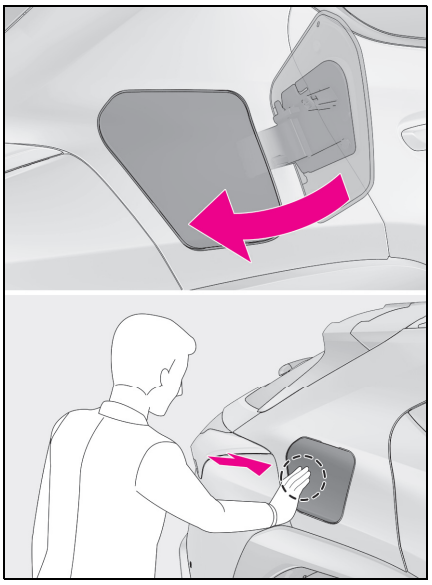
Fully open the charging port lid by hand.



■ Close

Move the charging port lid to the slightly open position and then press the rear edge (the position shown in the illustration) to close it.

Charging port lid also locks when the doors are locked.



■ The charging port lids will be locked when

In the following cases, the charging port lid will be locked.

- The doors are locked with the wireless remote control
- The doors are locked with the smart entry & start system
- The doors are locked with the mechanical key
- The charging port lids will automatically be locked if none of the doors and neither of the charging port lids are opened after they have been unlocked.
- If the charging port lid is closed after the doors are locked, the charging port lid

will not be locked. In that case, after unlocking the doors once, the charging port lid can be locked by locking the doors.

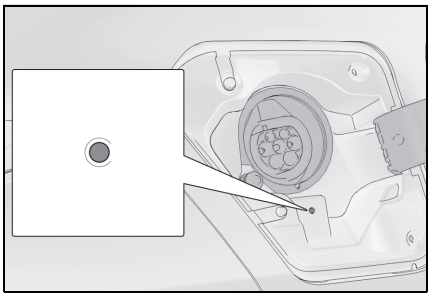
- The DC charging port lid will be locked when the AC charging connector is locked.

When the charging port lids cannot be opened

→P.538

AC charging indicator

The illumination/flashing pattern changes to inform the user of the AC charging status as follows.



Indicator condition	Vehicle condition
Illuminated	• AC charging is in progress • AC charging is possible • Traction battery heater (→P.124) is operating • Traction battery cooler (→P.125) is operating
Flashes normally*	Charging schedule is registered (→P.142) and AC charging cable is connected
Flashes rapidly*	AC charging cannot be performed due to power source or vehicle malfunction. (→P.156)
Not illuminated	• AC charging connector is not connected to AC charging inlet • Charging schedule (→P.142) is on standby • AC charging is completed

*: Flashes for a certain period of time

AC charging indicator

If a malfunction occurs during AC charging or using the Remote Air Conditioning System, the AC charging indicator will flash rapidly for a certain period of time and then turn off.

If this occurs, a message will be displayed on the multi-information display when a door is opened while the power switch is off. Follow the instructions displayed on the multi-information display.

AC charging cable

The function, correct operation, etc., of the AC charging cable are as follows.

WARNING

■ When using the AC charging cable and CCID (Charging Circuit Interrupting Device)

Observe the following precautions.

Failure to do so may cause an unexpected accident, resulting in death or serious injury.

- Do not attempt to disassemble or repair the AC charging cable, AC charging connector, plug or CCID (Charging Circuit Interrupting Device). If a problem arises with the AC charging cable or the CCID (Charging Circuit Interrupting Device), stop charging immediately and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- Do not drop or subject the AC charging cable, AC charging connector, plug or CCID (Charging Circuit Interrupting Device) to strong impact.
- Do not apply excessive force to the AC charging cable by forcefully folding, twisting, pulling or dragging the AC charging cable.
- Do not damage the AC charging cable with sharp objects.
- Do not bend the terminals of the AC charging connector or plug or attach anything to them.
- Do not put the AC charging connector and plug in water.
- Do not bring the AC charging cable near objects which generate heat, such as a heater.
- Do not wrap the plug-cord or AC charging cable around the AC charging connector, CCID (Charging Circuit Interrupting Device), etc., as doing so may damage the cable.
- Do not use the AC charging cable if excessive load is applied to the plug or power electrical socket, such as if the CCID (Charging Circuit Interrupting Device) is left hanging, etc.

NOTICE

■ Precautions when handling the AC charging cable

Make sure to observe the following precautions. Failure to observe these precautions may result in damage to the AC charging cable and AC charging inlet.

- Insert the AC charging connector straight into the AC charging inlet.
- After inserting the AC charging connector, do not apply excessive force to or twist the connector. Also, do not lean on the connector or hang any objects from it.
- Do not step on or trip over the AC charging cable.
- Before removing the charging connector, make sure that it is unlocked.
- After removing the AC charging cable, promptly return it to its proper location.
- After removing the charging connector, securely install the AC charging inlet cap.

■ Handling the AC charging cable and related parts

→P.136

NOTICE

■ **Precautions for when the ambient temperature is low**

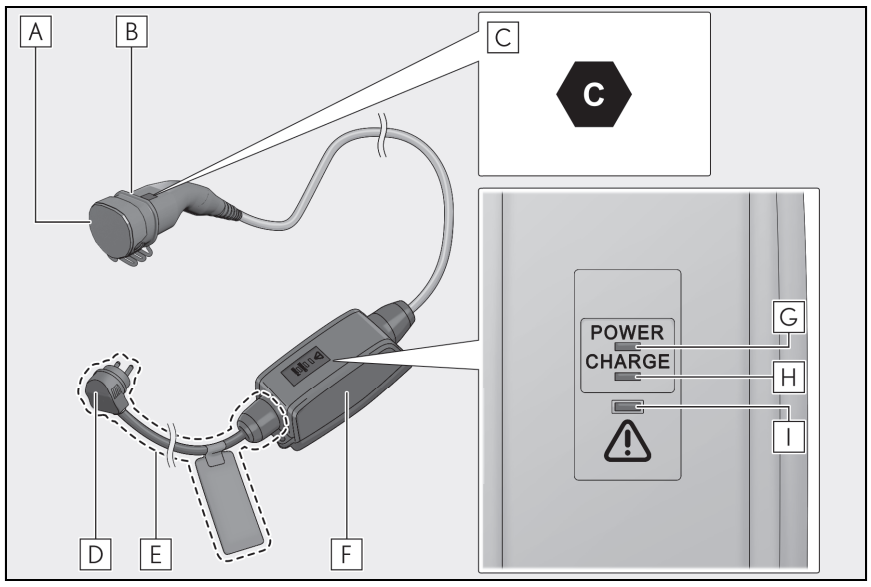
In low temperatures, the AC charging cable and plug-cord may become hard. Therefore, make sure not to apply excessive force when they are hard. If excessive force is applied to the hardened AC charging cable and plug-cord, they may be damaged.

■ **Precautions for when using the plug-cord**

Do not use the plug-cord to do anything other than AC charging, as doing so may damage it.

AC charging cable components

▶ Mode 2



A AC charging connector cap

B AC charging connector

C Identification label

D Plug

E Plug-cord

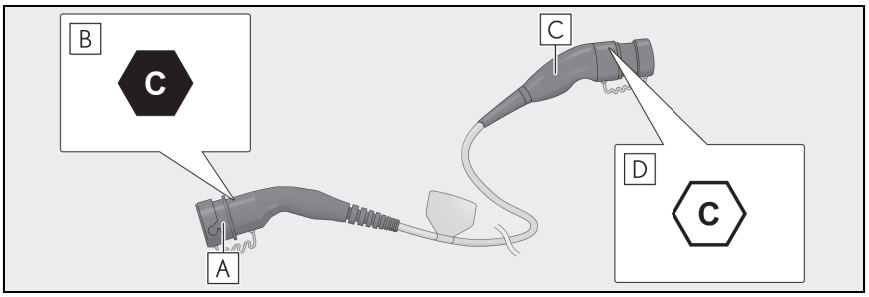
F CCID (Charging Circuit Interrupting Device)

G Power indicator (→P.110)

H Charging indicator (CCID) (→P.110)

I Error warning indicator (→P.110)

▶ Mode 3 (if equipped)



A Charging connector (vehicle side)

B Identification label (on the charging connector)

C Charging plug (charger side)

D Identification label (on the charging plug)

■ **AC charging cable types**

The following charging modes are categorized according to the availability of a charging control device, which detects malfunctions such as electrical leakages, and its location (whether it is attached to the charger or AC charging cable). The type of AC charging cable that can be used differs according to the charging mode

Charging mode	Outline
Mode 1	A charging method which does not use charging control to detect electrical leakages between an external power source and the vehicle. Does not apply to this vehicle.

Charging mode	Outline
Mode 2	A charging method which connects the vehicle to an external power source through a AC charging cable equipped with a CCID (Charging Circuit Interrupting Device). Applies to charging through most household sockets.
Mode 3	A charging method which charges from a charger (such as at a public charging station) equipped with charging control to detect electrical leakages. Control to detect electrical leakages is implemented on the charger side. Therefore, a CCID (Charging Circuit Interrupting Device) is not equipped to the AC charging cable. Not all chargers are equipped with AC charging cables. If there is no AC charging cable available, use the Mode 3 AC charging cable equipped to this vehicle. (if equipped)

■ Caution labels/identification labels

Caution labels/identification labels are attached to the vehicle, AC charging cable and charger to inform the user of which device they should use.

The meaning of the each caution label/identification label is as follows:

Caution label/identification label	Supply type	Standard	Configuration	Type of accessory	Voltage range
	AC	EN 62196-2	TYPE 2	•Charging port lid •Charging connector	≤ 480V RMS
	AC	EN 62196-2	TYPE 2	•Charging plug •Charger	≤ 480V RMS
	DC	EN 62196-3	FF	•Charging port lid •Charging connector	50V to 500V
	DC	EN 62196-3	AA	•Charging port lid •Charging connector	50V to 500V

Grounding (Mode 2 AC charging cable)

This product must be grounded. In case of malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a grounding conductor and a grounding plug. The grounding plug must be plugged into an appropriate socket that is properly installed and grounded in accordance with all local codes and ordinances.

WARNING

■ Grounding precautions

- Improper connection of the grounding conductor increases the risk of electric shock.
  Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded.
- Do not modify the grounding plug provided with the product. If it does not fit the socket, have a proper socket installed by a qualified electrician.

Safety functions (Mode 2 AC charging cable)

The CCID (Charging Circuit Interrupting Device) has the following safety features.

■ Electrical leakage detection function

If electrical leakage is detected during charging, the power source will automatically be isolated, therefore helping prevent an electrical fire or shock.

If the power source is isolated, the error warning indicator will flash. If the power source is isolated: →P.111

■ Automatic check function

The automatic check function is performed before charging begins to check for problems in the operation of the electrical leakage detection function.

If a malfunction of the electrical leakage detection function is detected as a result of the check, the error warning indicator will flash. (→P.111)

■ Temperature detection function

The plug has a temperature detection function. While charging, if heat is generated due to the plug being loose in the electrical socket, etc., this function cancels charging to reduce generation of heat.

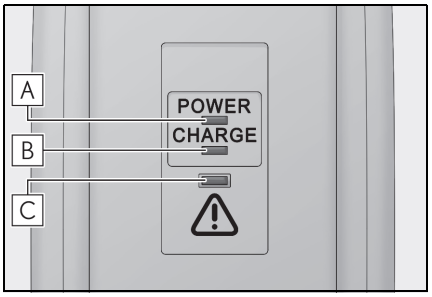
■ Current supply control function

This function prevents the flow of current if the plug of the AC charging cable is connected to an electrical socket, but the AC charging connector is not connected to the vehicle.

CCID (Charging Circuit Interrupting Device) indicators (Mode 2 AC charging cable)

■ Indicator operation

Three indicators are used to indicate the following conditions.



A Power indicator

Illuminates when electricity is flowing to the CCID (Charging Circuit Interrupting Device).

B Charging indicator (CCID)

Illuminates when charging is in progress.

C Error warning indicator

Flashes when electrical leakage is detected or a malfunction occurs in the CCID (Charging Circuit Interrupting Device).

■ **If a malfunction, etc., is detected during charging**

If a malfunction, etc., is detected during charging, the indicators on the CCID (Charging Circuit Interrupting Device) will operate as follows to indicate the respective conditions.

If the error warning indicator illuminates or flashes, unplug the AC charging cable from the electrical socket and then reconnect it and check if the error warning indicator remains off.

If the error warning indicator illuminates or begins flashing again, perform the appropriate correction procedure in the table.

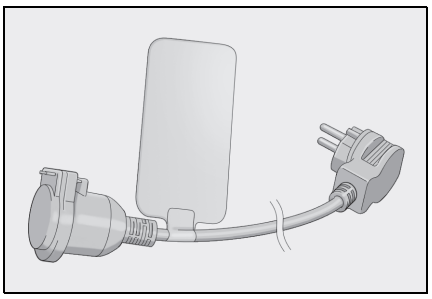
Status	Power indicator	Error warning indicator	Details/Correction procedure
Charging system malfunction	Not illuminated	Not illuminated or illuminated	**Charging may have been interrupted due to electrical leakage being detected, or the AC charging cable may be malfunctioning.** **→ Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer**
	Illuminated	Flashes	
Plug temperature detection malfunction	Flashes	Flashes	**The temperature detection portion of the plug may be malfunctioning. (In this case, charging is carried out without a limited charging current.)** **→ Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer**

Status	Power indicator	Error warning indicator	Details/Correction procedure
Excessively high plug temperature	Flashes	Not illuminated	**The plug may not be properly connected to the electrical socket. (In this case, charging is carried out with a limited charging current.)** **→ Check that the plug is securely connected to the electrical socket.**
AC charging cable life span notice	Illuminated	Flashes	**The number of times that the AC charging cable has been used is nearing the end of the charging cable's usable life span.** **→ Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer**
AC charging cable life span over	Illuminated	Illuminated	**The maximum number of times that the AC charging cable can be used has reached.** **→ Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer**

Replacing the plug-cord (Mode 2 AC charging cable) (if equipped)

The plug-cord can be replaced using the following procedure.

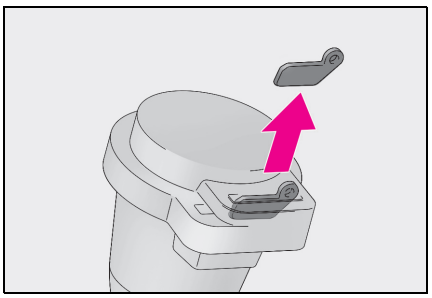
1 Prepare the AC charging cable (→P.107) and the replacement plug-cord.



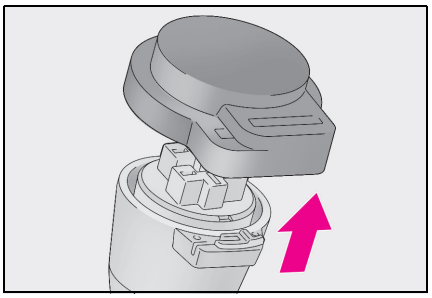
2 Pull out the release key.

Make sure that the pulled out release key is

not lost.

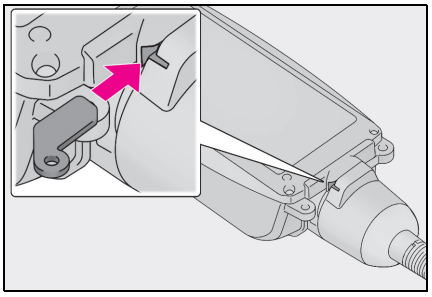


3 Remove the plug-cord connector cap.



4 Insert the release key into the release slot of the CCID (Charging Circuit Interrupting Device).

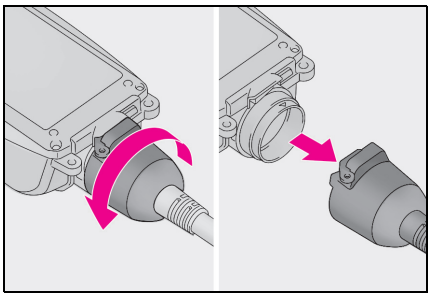
Insert the release key in the direction shown in the illustration.



5 With the release key fully inserted into the release slot of the CCID (Charging Circuit Interrupting Device), turn the plug-cord connector nut of the plug-cord to remove the cord.

After the plug-cord is removed, remove the release key.

Do not leave the vehicle alone with the plug-cord removed. If the plug-cord is not installed, water or other foreign matter may enter the CCID (Charging Circuit Interrupting Device), resulting in a malfunction.

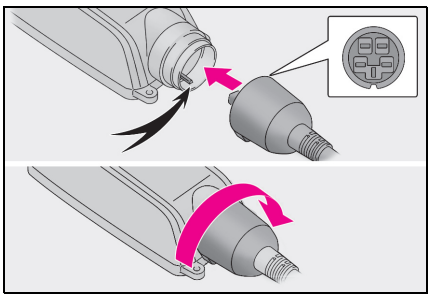


6 Align the protrusion of the CCID (Charging Circuit Interrupting Device), with the groove of the plug-cord, insert the plug-cord into the CCID (Charging Circuit Interrupting Device), and then turn the plug-cord connector nut of the plug-cord to install it.

Make sure that there are no foreign objects attached to the connection before installing the plug-cord. Remove any foreign objects if they are attached. Otherwise, water or other foreign matter may enter the CCID (Charging Circuit Interrupting Device), resulting in a malfunction.

Turn the plug-cord connector nut of the plug-cord in the opposite direction of removal until a click sound is heard and the

plug-cord is secured.



7 Install the plug-cord connector cap and release key to the plug-cord that has been removed.

Securely install the release key to the plug-cord connector cap to prevent it from being lost. Also, make sure that the release key does not fall out of the plug-cord connector cap accidentally.

Store the plug-cord in a safe, clean and dry place.

WARNING

■ When replacing the plug-cord (if equipped)

Check the following points regularly.

Failure to do so may cause an unexpected accident, resulting in death or serious injury.

- Do not replace the plug-cord with wet hands.
  Also, do not replace in a place that is rainy or wet.
- Do not replace the plug-cord when the plug and/or charging connector are connected.
- Check whether there are any local EV-charging regulations in place, and adhere to them.
- Do not leave the CCID (Charging Circuit Interrupting Device) with the plug-cord removed.
- Make sure that there are no foreign objects attached to the connection when installing the plug-cord to the CCID (Charging Circuit Interrupting Device).
- When replacing the plug-cord, firmly turn the nut of the plug-cord until a click sound can be heard.
- Do not replace the plug cord in Norway.

NOTICE

■ Precautions for the plug-cord (if equipped)

Do not use the plug-cord for any use other than charging this vehicle. Doing so may cause the plug-cord to be damaged.

Inspecting the AC charging cable

For safety, inspect the AC charging cable on a routine basis.

WARNING

■ Routine inspection

Check the following points regularly.

Failure to do so may cause an unexpected accident, resulting in death or serious injury.

- The AC charging cable, plug, AC charging connector, CCID (Charging Circuit Interrupting Device), etc., have not been damaged
- The electrical socket to be used is not damaged
- The plug can be securely inserted into the electrical socket
- The plug does not get extremely hot during use

WARNING

- The prongs of the plug are not bent or damaged
- The plug is not dirty

Disconnect the plug from the electrical socket before inspecting it. If any abnormalities are found in the AC charging cable as a result of the inspection, immediately stop using and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ Maintaining the AC charging cable

When the AC charging cable is dirty, clean it with a damp cloth which has been firmly wringed out, and then dry it with a dry cloth. Never spray the AC charging cable directly with water. If it is cleaned under running water, fire or electric shock may occur during charging, possibly resulting in death or serious injury.

■ When not using the AC charging cable for a long time

Disconnect the plug from the electrical socket. Dirt and dust could accumulate on the plug or the electrical socket, possibly causing overheating which could lead to a fire.

Also, keep the cable in a place free from moisture.

Appendix (Mode 2 AC charging cable)

■ Rating

- Voltage (Un): 220 V - 240 V ~
- Frequency: 50 Hz / 60 Hz 1φ
- Current: 10 A
- Residual operating current IΔn : 6 mA
- Ambient temperature: -30°C to 55°C
- IP67

■ Warning symbols

	This device is for use with electric vehicles. (This device does not require ventilation)
	Do not attempt to disassemble or repair the AC charging cable, charging connector, plug or CCID (Charging Circuit Interrupting Device).
	There may be a risk of electrical shock when using this device improperly.
	If the plug, charging connector or CCID (Charging Circuit Interrupting Device) is abnormally hot during use, unplug it immediately.
	Connecting the AC charging cable to an extension cord is strictly prohibited.
	Do not connect the device to a socket that is loose, worn, or broken. Ensure the plug fits the socket tightly.
	When the plug is used with a rain-tight socket for outdoor use, protect the plug and socket from rain and snow by using a rain-tight cover.
	Do not immerse the plug or cord in water or other liquid. Do not expose the plug to rain and snow.

	To reduce the risk of electric shock, connect only to a properly grounding type socket.
	Do not hang the CCID (Charging Circuit Interrupting Device) on the plug. Ensure the CCID (Charging Circuit Interrupting Device) is supported.
	Do not subject the AC charging cable, charging connector, plug or CCID (Charging Circuit Interrupting Device) to strong force or impact.
	Do not place heavy objects on the AC charging cable, charging connector, plug or CCID (Charging Circuit Interrupting Device).
	Do not use this device if the AC charging cable is frayed, has broken insulation, or any other signs of damage.

■ Caution symbols

	Do not wind the power cord or AC charging cable around the CCID (Charging Circuit Interrupting Device) or charging connector.

■ Information symbols

	This device may not operate if used with IT or other unearthed systems such as an isolated winding generator or isolating transformer.
	This device has a non-switched protective conductor.
	Do not use this device at an altitude over 4000 meter.

Locking and unlocking the AC charging port lid and AC charging connector

The AC charging connector will be locked when it is connected to the AC charging inlet, preventing the AC charging cable from being disconnected while charging.

Opening the AC charging port lid

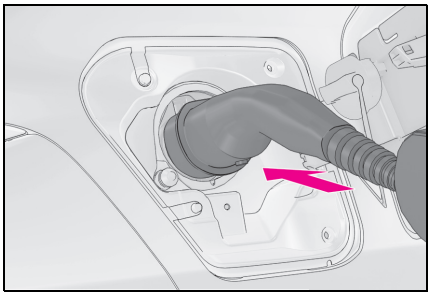
→P.104

Connecting and disconnecting the AC charging connector

■ Connecting

Insert the AC charging connector into the AC charging inlet to connect it.

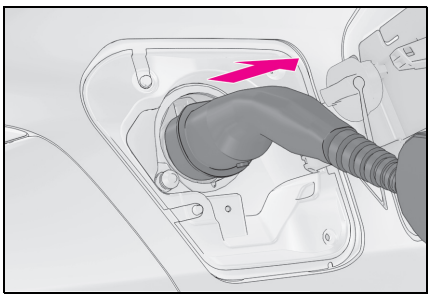
The AC charging connector will be locked automatically when it is connected to the AC charging inlet.



■ Disconnecting

1 Unlock the AC charging connector by unlocking the doors. (→P.190)

2 Pull the AC charging connector straight out.



■ AC charging connector lock function

- If the AC charging connector is connected and disconnected repeatedly, the AC charging connector lock function may temporarily not work to protect the system. In this case, wait a short time before connecting the AC charging connector to the AC charging inlet again.
- The AC charging connector lock function does not guarantee to prevent theft of the AC charging cable and is not necessarily effective for all the situations.
- If the AC charging connector is locked with the doors unlocked, the AC charging connector can be unlocked with the following procedures:
  - Using wireless remote control: Press the unlock button to unlock the doors. (→P.190)
  - Using smart entry & start system: After locking the doors once, unlock them again. (→P.190)

■ Security feature

If an AC charging connector is not disconnected within approximately 30 seconds after the AC charging connector is unlocked, the security feature automatically locks the AC charging connector again.

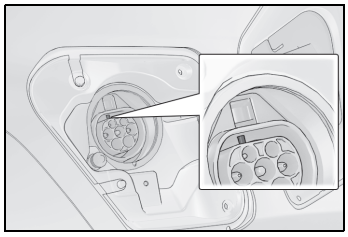
■ When the AC charging connector cannot be connected to the AC charging inlet

Check that the connector lock pin is not extended.

If the connector lock pin is extended, the

AC charging connector is locked.

Unlock the doors to unlock the AC charging connector and check that the connector lock pin retracts.

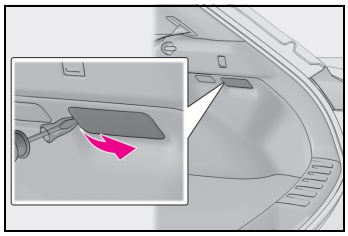


If the AC charging connector cannot be unlocked using the normal procedure

Use the following procedure to unlock the AC charging connector if the AC charging connector cannot be removed after unlocking the doors.

Only use the emergency release lever when the AC charging connector cannot be unlocked using other methods.

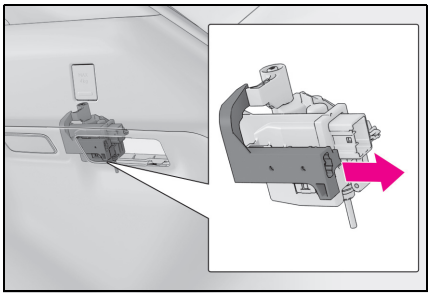
1 Remove the cover inside the luggage compartment by inserting a flathead screwdriver.



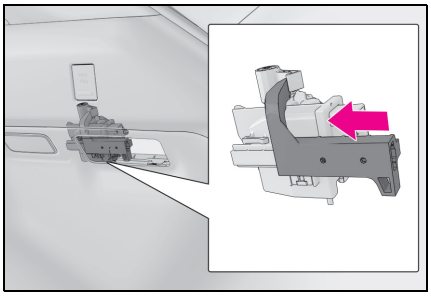
2 Pull the emergency release lever in the direction shown in the illustration.*

The AC charging connector is unlocked and can be removed.

*: Move the emergency release lever only in the direction shown in the illustration. Even if a click sound is heard after beginning operation, do not stop pulling the emergency release lever until it cannot be moved. If the emergency release lever is moved in any other direction, it may be damaged.



3 Return the emergency release lever to its original position until a click sound is heard.



This procedure is a temporary correction procedure for emergency use only. If the problem persists, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

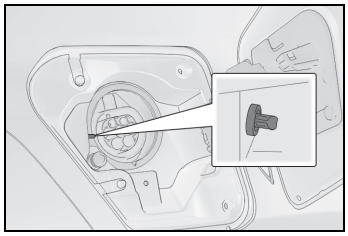
WARNING

■ When connecting the AC charging connector to the charging inlet

Be careful not to touch the AC charging port lid lock portion.

When the AC charging connector lock operates, the AC charging port lid lock pin will also operate.

The AC charging port lid lock pin may hit a hand, resulting in injury.



NOTICE

■ When locking the AC charging connector

Observe the following precautions. Failure to do so may cause a malfunction in the AC charging connector lock function.

- Check that the AC charging connector to be used is compatible with this vehicle. If an incompatible or damaged AC charging connector is connected, it may not be locked.
- Do not apply excessive force to the AC charging connector when the AC charging connector is locked. When removing the AC charging connector, make sure to unlock the AC charging connector.

Power sources that can be used (AC charging)

An external power source that fulfills the following criteria is necessary for charging this vehicle.

Confirm this before charging.

WARNING

■ Warnings for electrical faults

Make sure to observe the precautions in this Owner's Manual when charging the vehicle.

Failure to use a power source that fulfills the requirements, or failure to observe the regulations while charging could lead to an accident, possibly resulting in death or serious injury.

Power sources

- Connect the AC charging cable to an AC 220 V - 240 V electrical socket with a Residual Current Circuit-Breaker (RCCB) and a circuit breaker. Use of an electrical socket on dedicated 13 A circuit is strongly recommended to ensure the AC charging cable will operate properly.
- Connecting the AC charging cable to an electrical socket on a dedicated circuit is strongly recommended. If the AC charging cable is connected to an electrical socket on a shared circuit, the use of other electrical appliances on the circuit may cause the circuit breaker to trip.*

- Ensure that a Residual Current Circuit-Breaker (RCCB) is installed in the circuit. If it is not, have it installed by a duly qualified professional.
- When charging outdoors, make sure to connect the plug to a raintight socket that is certified for outdoor use. Checking Residual Current Circuit-Breaker (RCCB) operation before its use is recommended.
- Check whether there are any local EV-charging regulations in the country where you reside that need to be observed.

*: For detailed information, consult an electrician.

Charging environment

To ensure safe charging, the following equipment is recommended.

● Raintight socket

When charging outdoors, connect the plug to a raintight socket, and ensure that they are not sprayed directly with water while the plug is connected.

● Dedicated circuit

- To reduce the risk of fire, connect the AC charging cable to an at least 13 A branch circuit with an overcurrent protection.
- To reduce the risk of electric shock when handling the AC charging cable, connect it to an electrical socket on a circuit with a Residual Current Circuit-Breaker (RCCB).

● Remote switch

Allows the electricity from the socket to be interrupted by operating a switch, thus allowing safe removal and insertion of the plug on rainy days.

WARNING

Power source precautions

Observe the following precautions.

If you do not follow them, fire, electrical shock or damage may occur, possibly resulting in death or serious injury.

- Make sure to only connect the AC charging cable to an electrical socket with a ground terminal.
- Connect the AC charging cable to an AC 220 V - 240 V electrical socket on a circuit with a Residual Current Circuit-Breaker (RCCB) and circuit breaker which meet local regulations. Use of an electrical socket on dedicated 13 A circuit is strongly recommended.
- Do not connect the AC charging cable to a power strip, multiple electrical socket adapter or conversion plug.
- Connecting the AC charging cable to an extension cord is strictly prohibited. The extension cord may overheat and the electrical leakage detection function of the CCID (Charging Circuit Interrupting Device) may not operate.
- Use of a block heater socket which fails to meet the requirements is prohibited for charging.
- Make sure to connect the AC charging connector and AC charging inlet directly. Do not connect a conversion plug or extension cord between the AC charging connector and AC charging inlet.

Charging methods

The following methods can be used to charge the traction battery.

AC charging (→P.130)

This is a charging method used when charging from an AC electrical socket (220 V-240 V) with the AC charging cable equipped to the vehicle or charging at a public charging station.

The charging start time (or departure time) and day can be set to carry out charging using the schedule at the desired date and time. (→P.142)

DC charging (→P.138)

This is a charging method using a DC charger conforming to CHAdeMO* standards at a public charging station. Compared to AC charging, the traction battery can be charged in a short time.

*: CHAdeMO is a trade name of DC charging method that the CHAdeMO Association is proposing.

Estimated charging time

The time required to charge the traction battery differs according to the charging voltage and charging current.

Connected power source	Charger			AC charging cable	
	DC charging*6	AC charging			
Charging voltage	—	AC 220 V-240 V	AC 220 V-240 V	AC 220 V-240 V	AC 220 V-240 V
Charging current*1	Max. 125 A	32 A	16 A	8 A	10 A
Estimated charging time*2, 3	Approximately 50 minutes*4 or 80 minutes*5	Approximately 6 hours 30 minutes	Approximately 12 hours	Approximately 24 hours	Approximately 19 hours

*1: Even if charged with the AC charger at a public charging station, when the upper limit is set to "16A" or "8A" with "Charging Current" settings, the vehicle is charged at that current.(→P.133)

*2: The time required for charging to complete depends on conditions such as the remaining charge of the traction battery, the outside temperature and the charger specifications.

*3: When using "My Room Mode", the time required for charging to complete may become longer than normal or the charging may not be completed.

*4: It is the time required for charging to complete approximately 75% of the maximum charge capacity.

*5: It is the time required for charging to complete the maximum charge capacity.

*6: Depending on the type of the DC charger, the charging time displayed on the DC charger may be longer than normal.

■ **Charging time may increase when**

In the following situations, charging time may become longer than normal:

- When the ambient temperature is hot or cold.
- When the vehicle is consuming a lot of electricity, for example, when the headlights have been left on, etc.
- When using My Room Mode.
- When a power outage occurs during charging.
- When the power supply is interrupted
- When the voltage of the external power source drops.
- When the charge level of the 12-volt battery is low, such as when the vehicle has not been started or charged for a long period of time.
- When selecting "Charging Current" settings "16A" or "8A".
- When the traction battery heater operates.
- When the traction battery cooler is operated before charging. (→P.125)
- When there is a problem with the terminal connections of the electrical socket.
- When the traction battery temperature becomes high immediately after high-load driving
- When adjusting the power supply with the charger
- When frequently and repeatedly using DC charging

Charging-linked functions

This vehicle includes several functions that are linked with charging.

■ My Room Mode (→P.152)

When the charging cable is connected to the vehicle, electrical components such as the air conditioning system and audio system can be used by the power supply from an external power source*.

*: Depending on the situation, electricity of the traction battery may be consumed.

■ Traction battery heater

When the outside temperature is low and the charging cable is connected to the vehicle, this function automatically warms the traction battery until it reaches or exceeds a certain temperature.

- The operation of this function is stopped automatically when the charging cable is disconnected or if the charging cable is left connected to the vehicle for approximately 3 days.
- When the charging schedule is used (→P.142), this function will operate according to the schedule settings.

■ **Traction battery warming control**

This control operates after the charging cable remains connected to the vehicle for approximately 3 days and the traction battery heater automatically stops. It automatically insulates the traction battery in extremely low temperatures.

- This control stops 31 days after the charging cable is connected, even if it is still connected to the vehicle.
- When this control operates, charging schedule settings are ignored and charging starts immediately.

■ **Traction battery cooler**

When the traction battery is hot, this function protects it by using the vehicle air conditioning to cool it before AC charging is performed.

The function may operate when continuously driving at high speeds such as driving on highways or freeways, or during DC charging.

■ **Traction battery heater**

- Traction battery heater may operate when charging is not being performed.
- When Traction battery heater is operating, the charging indicator will illuminate.
- When Traction battery heater is operating during charging, the charging may take longer than normal.
- The remaining charge of the traction battery declines when the traction battery heater operates, it might be necessary to recharge the traction battery again in order to supplement the remaining charge.
- "Charging Stopped Due to Pulled Charging Connector" may be displayed when the AC charging connector is removed during recharging.

■ **Traction battery cooler**

- For AC charging: Traction battery cooler settings can be changed on the multi-information display. (→P.126)
- The AC charging indicator will illuminate when the traction battery cooler is on standby or operating.
- When the charge level of the traction battery is low, the traction battery cooler may not operate, even if the temperature of the traction battery is high.
- When the following conditions are met while the traction battery cooler is operating, the cooling operation will stop.
  - The hood is opened
  - The power switch is turned to ACC or ON.
  - The shift position is changed to any position other than P
  - The Remote Air Conditioning System is operated (→P.429)
  - "Charge Now" is turned on (→P.148)
  - The remaining charge of the traction battery drops below a certain amount
- The traction battery cooler operates using power supplied by the traction battery and an external power source.
  - While the traction battery cooler is operating, the charge of the traction battery will increase and decrease within a certain range, and will not increase as during AC charging.
  - When the traction battery cooler operates, charger will recognize it as the battery being charged. If this function operates while a charger which charges a charging fee is connected to the vehicle, AC charging fees will apply.

■ **Changing of the traction battery cooler setting**

1 Press ◀ or ▶ of the meter control switches and select ⚙ on the multi-information display.

2 Press ▲ or ▼ of the meter control switches and select "Vehicle Settings", and then press "OK".

3 Press ▲ or ▼ of the meter control switches and select "Charging Settings", and then press "OK".

4 Press ▲ or ▼ of the meter control switches and select "Battery Cooler", and then press "OK".

5 Select "On" or "Off", and then press "OK".

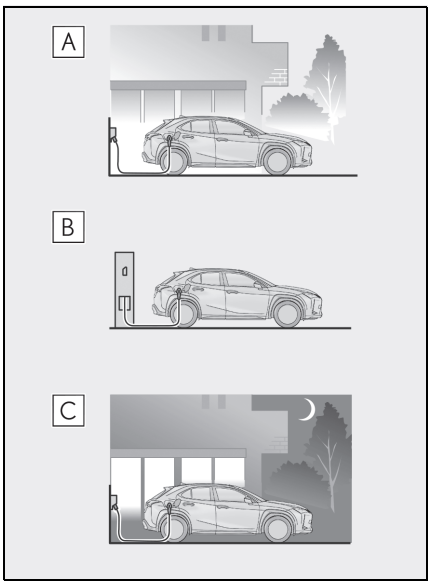
When selecting "Off", the traction battery output may be restricted depending on the driving situation.

Charging tips

This section explains methods for using the charging function of this vehicle and checking information related to charging.

Systematically charging

To enable the use of Electric Vehicle, we recommend systematically charging the vehicle.



A Before leaving home
In order to use the Electric Vehicle, charge the traction battery at home before leaving.

The charging schedule function (→P.142) can be used to set the system to automatically fully charge the traction battery before your desired departure time. It is also possible to set the air conditioning to make the interior in a comfortable state

before your desired departure time.

B On the way to the destination or at the destination
When the remaining charge of the traction battery gets low, recharge the battery at the nearest charging station.

When using DC charging, the charging can be done in approximately 50 minutes up until approximately 75% of the maximum charge capacity. (→P.123)

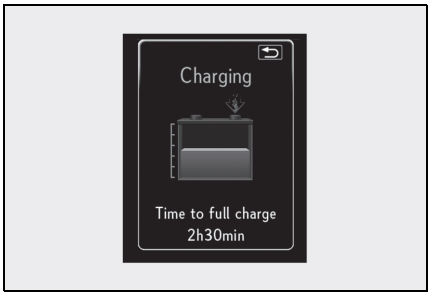
C After returning home
In order to drive the next time, charge the traction battery.

Settings the charging schedule allows you to charge the traction battery at the desired time such as late at night or early in the morning. Furthermore, the charging schedule can be set to automatically charge the traction battery every day or at the same time on certain days. (→P.142)

Checking information related to charging

Information related to charging is displayed on the multi-information display.

■ While charging



When any door is opened during charging, the current charging condition and estimated time* until charging completed can be checked on the multi-information display.

The time until charging completed may not be displayed if the charging current to the traction battery becomes smaller and the charging time becomes longer.

*: During DC charging, the estimated time will not be displayed.

■ After charging is complete

After charging is complete, when a door is opened while the power switch is off, a message detailing the results of the charging is displayed. Also, a message is displayed if an operation that cannot be performed or a situation that charging cannot be performed occurs during charging is performed.

When a message is displayed, follow the instructions displayed on the multi-information display. (→P.163)

Things to know before charging

Make sure to read the following precautions before connecting the charging cable to the vehicle and charging the traction battery.

Charging precautions

This vehicle has been designed to allow charging from an external power source using an AC charging cable for exclusive use with standard household AC outlets.

However, the vehicle differs greatly from standard household electrical goods in the following ways, and incorrect usage could cause a fire or electric shock, possibly leading to death or serious injury.

- When charging, a large amount of current will flow for a long time. (→P.123)
- Depending on the charging environment, charging may be performed outdoors.

To perform charging correctly, read the precautions and then follow the charging procedures. Charging should only be performed by adults which properly understand the charging procedures.

- Charging should not be performed by children.
- When charging with a charger, make sure to follow the correct procedures for using each charger.
- When charging using a public charging station, check the setting of the charging schedule function.

• If the charging schedule is set to "On", make sure to set it to "Off" or "Charge Now" function to "On" before using a public charging station. (→P.148)

• If the charging schedule is set to "On", charging will not start even if the AC charging cable is connected. Also, charging fee may occur due to the connection of the AC charging cable.

Confirm the following before charging

Before performing charging make sure that the following conditions are met:

- The parking brake is set. (→P.302)
- The headlights the emergency flashers and interior lights, etc., are switched off.

If any of these lights are turned on, power will be consumed by these features and charging may take longer than normal.

- The power switch is OFF. (→P.292)

Inspecting the AC charging cable

Before performing charging, make sure that each part of the AC charging cable is in good condition. (→P.106)

Charging current

The maximum current for the AC charging is 32 A. However, the charging current

may become smaller than 32 A depending on the maximum current of the AC charger.

■ **Safety functions**

- The EV system will not start while the charging cable is connected to the vehicle, even if the power switch is operated.
- If the charging cable is connected while the "READY" indicator is illuminated, the EV system will stop automatically and driving will not be possible.
- When the charging cable is connected to the vehicle, the shift position cannot be changed from P to other positions.

■ **If the AC charging connector and DC charging connector are used at the same time**

AC charging and DC charging cannot be conducted simultaneously.

If the two connectors have been connected to the vehicle, the battery will only be charged through either one of the charging modes that has started first. However, the battery will not be recharged with the other method even after the first mode is completed. To start the other mode, disconnect the charging connector and then perform the charging operation again.

■ **Capacity reduction of the traction battery**

The capacity of the traction battery will decline gradually when the traction battery is in use. The rate at which it declines will differ in accordance with environmental conditions and the way in which the vehicle is used. Observing the following can help suppress the decline in the traction battery capacity.

- Avoid parking the vehicle in high temperature areas, under direct sunlight when the traction battery is fully charged.
- Avoid accelerating and decelerating frequently and suddenly.
- Avoid frequent driving at high speed.
- Use the charging schedule function as much as possible in order to fully charged the traction battery before starting off. (→P.142)
- Avoid frequent DC charging

Also, if the capacity of the traction battery capacity reduces, the distance that can be driven decreases. However, vehicle performance does not significantly become worse.

■ **When the remaining charge of the traction battery is low after charging**

In the following situations, the remaining charge of the traction battery after charging completes may be less than normal in order to protect the traction battery (the driving range after the battery is fully charged may be shorter).*

- Charging is performed when the outside temperature is low or high
- Charging is performed immediately after high-load driving or in extreme heat

In any other situation, if the remaining charge of the traction battery is significantly lower than normal after charging completes, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

*: When this occurs, even if the remaining charge display of the traction battery shows that it is fully charged, the remaining charge rapidly decreases faster than normal.

WARNING

■ Caution when charging

People with implantable cardiac pacemakers or cardiac resynchronization therapy-pacemakers should not approach the vehicle while charging is being performed. If it is necessary to approach the vehicle, ask someone else to do so.

- Do not approach the onboard traction battery charger, or charging cable while charging is being performed. Charging may affect the operation of pacemakers.
- Do not remain in the vehicle while charging is being performed. Charging may affect the operation of pacemakers.
- Do not enter the vehicle, even to remove things from the luggage compartment while charging is being performed. Charging may affect the operation of pacemakers.

■ When the charging cable is connected to the vehicle

Do not operate the shift position.

In the unlikely event that the charging cable has been damaged, the shift position may change from P to other positions, it may cause the vehicle to move unexpectedly, possibly leading to an accident.

How to use AC charging

This section explains the AC charging procedure for the traction battery with the equipped AC charging cable.

When using a public charging station, make sure to check the operation instructions of the AC charger.

When the charging schedule is registered, make sure "Charge Now" is turned on before charging.
(→P.148)

Confirm the following before charging

→P.128

When charging

1 Prepare the AC charging cable.

▶ When using the Mode 2 AC charging cable

2 Insert the plug of the AC charging cable into the electrical socket of the external power source.

Make sure to hold the body of the plug and insert it firmly into the electrical socket. If the electrical socket is equipped with a remote switch, turn it on.

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

(If it is not illuminated, refer to P.156)

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

a hook or equivalent.

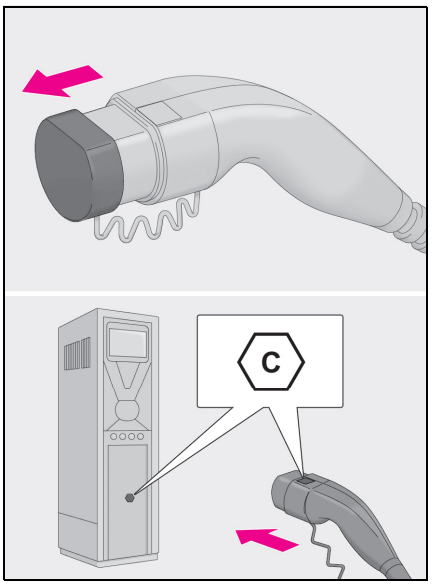
▶ When using the Mode 3 AC charging cable (if equipped)

2 Remove the cap of the charging plug and then connect the charging plug to the charger.

When connecting the charging plug into the charger, make sure that the identification symbols are the same.

Make sure to hold the body of the charging plug and insert it firmly and fully into the charger.

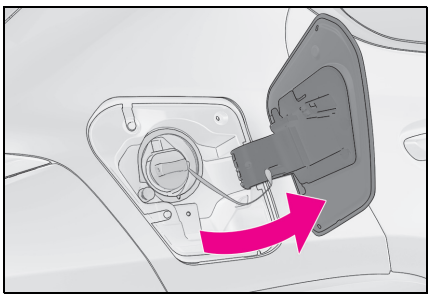
Follow the instructions of the charger for details regarding how to connect the AC charging cable and how to start charging. Depending on the charger, it may be necessary to receive authorization to use it. For details, refer to the information of the charger.



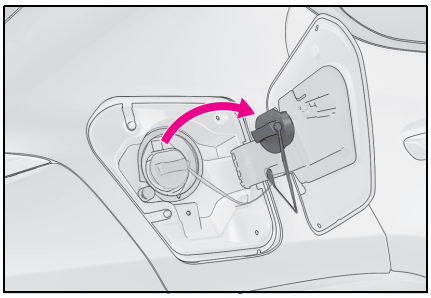
3 Unlock AC charging port lid by unlocking the doors. (→P.190)

4 Open the AC charging port lid (right side of the vehicle). (→P.103)

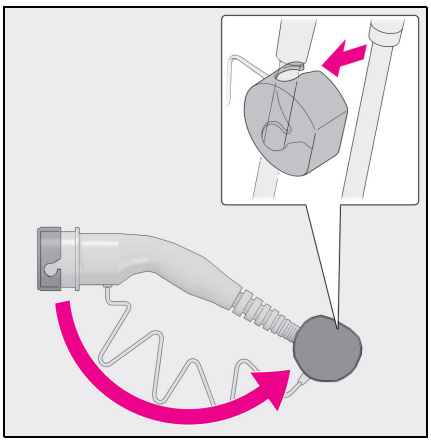
The AC charging inlet light will illuminate.



5 Remove the AC charging inlet cap and secure it as shown in the illustration.



6 Remove the AC charging connector cap and secure it to the cable.

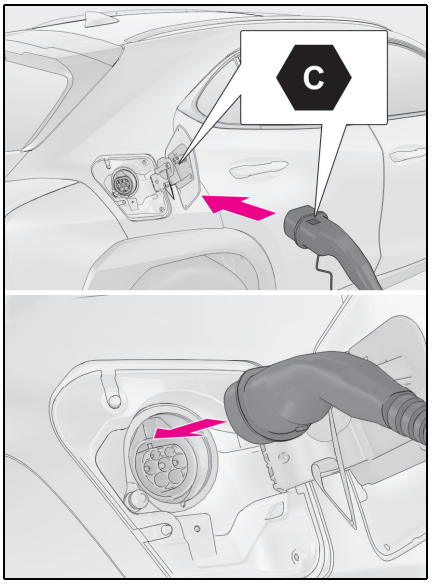


7 Make sure to hold the body of the AC charging connector and insert it firmly and fully into the AC charging inlet.

When connecting the charging connector into the AC charging inlet, make sure that the identification symbols are the same.

When the charging connector is inserted straight as far as possible, it will automatically lock. Check that the charging indicator illuminates. If the charging indicator does not illuminate, the charging connector is not locked.*

*: If the charging connector is not firmly inserted, locking operation will be performed several times.



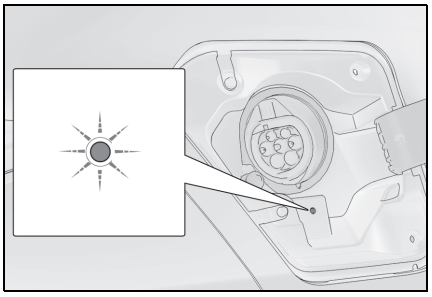
8 Confirm that the AC charging indicator is illuminated.

Charging will not start if the AC charging indicator does not illuminate when the charging connector is inserted. (→P.156)

Charging will not start if the AC charging connector is not locked. However, depending on the type of the charger of the public charging station, the AC charging connector will not be locked if the operation to start the charging is not performed.

If the AC charging indicator flashes, the charging schedule has been registered. (→P.132)

If the error warning indicator on the CCID (Charging Circuit Interrupting Device) flashes when the AC charging cable is connected, check P.111 and follow the correction procedure.



During AC charging

- The charging starting time may differ depending on vehicle conditions, but it does not indicate a malfunction.
- The surface of the CCID (Charging Circuit Interrupting Device) may become hot, but it does not indicate a malfunction.
- Depending on radio wave conditions, interference may be heard on the radio.
- The current charging condition and the estimated time until charging completed can be checked on the multi-information display when a door is opened during AC charging. (→P.127)
- The surrounding area of the onboard traction battery charger in the motor compartment may become hot during charging/after charging.

If the AC charging indicator flashes after the AC charging connector is connected

The charging schedule is registered and the charging cannot be performed. To cancel the charging schedule and start charging immediately, perform any of the following:

● Turn "Charge Now" to "On". (→P.148)

● While the AC charging indicator is flashing, remove and reconnect the AC charging connector within 5 seconds.

■ **When using a AC charger with authentication function at public charging station**

If the doors are unlocked during AC charging, the AC charging connector will be unlocked and the charging will be stopped. In that case, the AC charger authentication will be canceled and the charging may not be able to restart. Reconnect the AC charging connector and perform the AC charger authentication.

■ **When not using the vehicle for an extended period of time**

→P.93

■ **When the AC charging connector cannot be connected to the AC charging inlet**

→P.119

■ **Changing the "Charging Current" settings**

1 Press ◄ or ► of the meter control switches and select ⚙ on the multi-information display.

2 Press ▲ or ▼ of the meter control switches and select "Vehicle Settings", and then press "OK".

3 Press ▲ or ▼ of the meter control switches and select "Charging Settings" and then press "OK".

4 Press ▲ or ▼ of the meter control switches and select "Charging Current", and then press "OK".

5 Select "MAX", "16A" or "8A", and then press "OK".

The maximum current is restricted to the selected upper limit value of 16A/8A* when charging. If the house breaker is tripped when charging even with the upper limit of the electric current changed, check that the connected power supply satisfies the required conditions to the charger.

*: When charging current is restricted, the time until the charge completed becomes longer.

■ **Changing the "Charging Limit" settings**

The selected upper limit value is common to AC charging and DC charging.

1 Press ◄ or ► of the meter control switches and select ⚙ on the multi-information display.

2 Press ▲ or ▼ of the meter control switches and select "Vehicle Settings", and then press "OK".

3 Press ▲ or ▼ of the meter control switches and select "Charging Settings" and then press "OK".

4 Press ▲ or ▼ of the meter control switches and select "Charging Limit", and then press "OK".

5 Select "Full" or "90%" and then press "OK".

When "90%" is selected, the upper limit of the charge capacity will be restricted not to exceed 90%.

If the setting is changed during DC charging, charging may stop due to the operation of the DC charger timer and the traction battery cannot be fully charged.

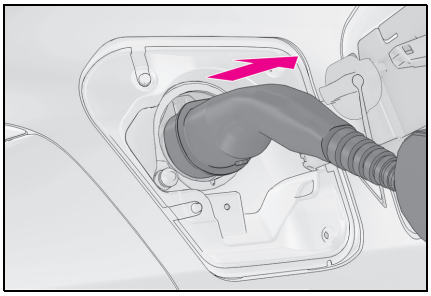
After charging

1 Unlock the AC charging connector by unlocking the doors. (→P.190)

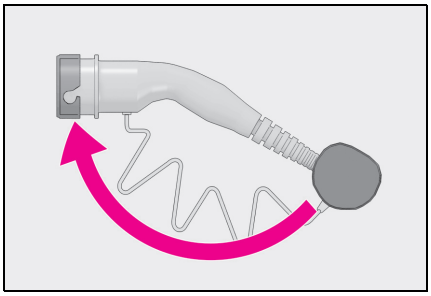
The AC charging inlet light will illuminate.

If the AC charging connector is unlocked during charging (while the AC charging indicator is illuminated), AC charging will be interrupted.

2 Make sure to hold the body of the AC charging connector and pull it towards you.

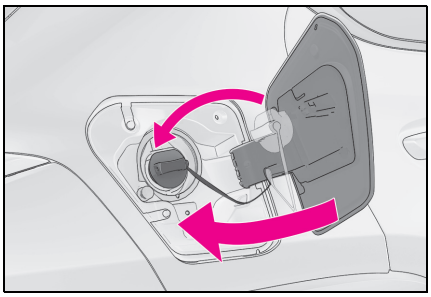


3 Install the AC charging connector cap.



4 Install the AC charging inlet cap and close the AC charging port lid.

Align the horizontal sections of the cap and inlet, and then insert the cap straight into the inlet.



▶ When using the Mode 2 AC charging cable

5 Disconnect the plug of the AC charging cable from the electrical socket when the AC charging cable will not be used for a long period of time.

Hold the body of the plug when disconnecting it.

Make sure to put the cable away immediately after disconnecting it. (→P.136)

When the plug is left connected to the electrical socket, inspect the plug and electrical socket once a month to check if dirt and dust has accumulated.

▶ When using the Mode 3 AC charging cable (if equipped)

5 After removing the charging plug from the charger, install the cap to the charging plug.

Make sure to hold the body of the charging plug when removing it.

Make sure to put the cable away immediately after disconnecting it. (→P.136)

■ Charging time

→P.123

■ Charging time may increase when

→P.124

■ Safety functions

When restarting charging, reinsert the AC charging connector after pulling it out, and check that the AC charging indicator illuminates.

■ When the outside temperature is low or high

The needle of the SOC (State of Charge) gauge (→P.173) may drop slightly when the power switch is changed to ON, even if charging has been completed and the traction battery is fully charged. However, this does not indicate a malfunction.

■ When removing the AC charging connector

Unlock the doors using the smart entry & start system or wireless remote control to unlock the AC charging connector, make sure that the lock is released, and then pull the AC charging connector towards you.

WARNING

■ Caution when using AC charging

Observe the following precautions.

Failure to do so may cause an unexpected accident, resulting in death or serious injury.

- Connect the AC charging cable to a power source suitable for charging. (→P.121)
- Make sure that the AC charging cable, plug and electrical socket are free of foreign matter and not deformed or damaged.
- Before charging, check that the AC charging inlet does not have deformations, damage, corrosion, dirt and dust, or other foreign materials such as snow or ice attached to it. If anything is attached to the inlet, be sure to completely remove the material before connecting the AC charging connector.
- Do not let the terminals of the AC charging inlet get wet.
- Only use electrical sockets where the plug can be securely inserted.
- Do not charge with the AC charging cable bundled or coiled up otherwise it may overheat.
- Do not touch the terminals of the AC charging connector or AC charging inlet with sharp metal objects (needles etc.) or hands, or short them with foreign objects.
- When charging outdoors, make sure to connect the plug to a raintight socket that is certified for outdoor use.

Ensure the raintight cover closes completely. If the raintight cover cannot be closed, replace a new one.

- When using a AC charger, follow the charging handling method to cancel the charging.
- If the AC charging cable or any related parts become hot or emit any smoke, strange smells or noise, stop charging immediately.
- Do not connect the plug of the AC charging cable if the electrical socket is submerged in water or snow.
- When charging during rain or snow, do not pull out or insert the plug with wet hands. Also, do not get the electrical socket and plug wet.
- Do not charge the traction battery when there is a possibility of lightning.
- Be careful not to get the AC charging cable caught in a side door or the back door.
- Do not drive over or park on the AC charging cable, plug, AC charging connector and CCID (Charging Circuit Interrupting Device).
- Firmly insert the plug of the AC charging cable into an electrical socket.
- Do not use an extension cord or conversion plugs.
- Close the hood when using AC charging. The cooling fans may suddenly start to run. Keep hands and clothing (especially a tie, a scarf or a muffler) away from the fans. Failure to do so may cause the hands or clothing to be caught, resulting in serious injury.

WARNING

- After connecting the charging cable, confirm that it is not wound around anything.
- If the power indicator on the CCID (Charging Circuit Interrupting Device) does not illuminate after plugging the AC charging cable into the socket-outlet, unplug it immediately.

When connecting the AC charging connector

Follow the handling procedures of the AC charging cable to connect the AC charging connector. If the connector is not connected properly, the system cannot recognize the connection, and it may be possible to start the EV system. After charging is completed, make sure to remove the AC charging connector from the AC charging inlet before starting the EV system.

If the vehicle is started off with the connector still connected, it could lead to an accident, possibly resulting in death or serious injury.

If the error warning indicator on the CCID (Charging Circuit Interrupting Device) illuminates or flashes during charging

Electrical leakage may have been detected in the power source circuit or the AC charging cable or CCID (Charging Circuit Interrupting Device) may be malfunctioning. Refer to P.111 and follow the correction procedure. If the error warning indicator does not turn off even after performing the correction procedure, immediately stop charging, disconnect the AC charging cable and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer. Continuing to charge the traction battery in this condition may lead to an accident, possibly resulting in serious injury.

After charging

Disconnect the plug from the electrical socket if the AC charging cable will not be used for a long time.

Dirt and dust may accumulate on the plug or electrical socket, which could cause a malfunction or fire, possibly leading to death or serious injury.

Onboard traction battery charger

The onboard traction battery charger is located in the motor compartment. Make sure to observe the following precautions regarding the onboard traction battery charger. Failure to do so may result in death or serious injury such as burns and electric shocks.

- The onboard traction battery charger may become hot during charging. Do not touch the onboard traction battery charger, as doing so may result in burns.
- Do not disassemble, repair or modify the onboard traction battery charger. When the onboard traction battery charger needs to be repaired, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

NOTICE

Handling the AC charging cable and related parts

To prevent damage to the AC charging cable and related parts, observe the following precautions.

- When canceling charging or when charging is completed, disconnect the AC charging connector before disconnecting the plug from the electrical socket.
- When disconnecting the AC charging connector, make sure that it is unlocked.

NOTICE

- Do not forcefully pull the AC charging connector cap or AC charging inlet cap.
- Do not apply a vibration to the AC charging connector while charging. Charging may be stopped.
- Do not insert anything but an AC charging connector into the AC charging inlet.
- When inserting the plug into or disconnecting the plug from the electrical socket, make sure to hold the body of the plug.
- Do not damage the AC charging inlet cap with a sharp object.
- Do not forcefully pull the AC charging cable if it is caught or entangled. If the cable is entangled, disentangle it before using.
- Do not attempt to disassemble or repair the AC charging inlet. Failure to do so may cause an unexpected accident, resulting in serious injury. Please contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for repair and replacement.

■ When charging

Do not insert the plug of the AC charging cable into the AC charging inlet, as doing so may damage the AC charging inlet.

■ After charging

- After disconnecting the AC charging connector from the AC charging inlet, make sure to install the AC charging inlet cap and AC charging connector cap, and close the AC charging port lid.
  If either of these caps is not installed, water or foreign matter may enter the AC charging inlet and cause the vehicle to malfunction.
- After disconnecting the plug of the AC charging cable from the electrical socket, keep the AC charging cable in a safe place free from moisture, dirt and dust. The AC charging cable or plug may be damaged if stepped on or driven over by a vehicle.

■ Using an electric generator

Do not use an electric generator as a power source for charging.If used, the supplied voltage may be insufficient for charging, charging may be unstable, and/or the error warning indicator on the CCID (Charging Circuit Interrupting Device) of the AC charging cable may flash.

■ Usable temperature range

- Do not charge if the outside temperature is -30°C (-22°F) or below, as it is likely that charging will take longer.
- Do not leave the vehicle or the AC charging cable in areas where the outside temperature is lower than -40°C (-40°F).

■ Charging environment

Due to the environment in which the power equipment is located, charging may be unstable due to noise, the voltage may be insufficient, and the error warning indicator on the CCID (Charging Circuit Interrupting Device) of the AC charging cable may flash.

■ Traction battery charge

When charging, if the supplied power is low and the traction battery heater or another high current function operates, the driving range may be temporarily decreased.

How to use DC charging

This section explains the DC charging procedure for the traction battery.

When using a DC charger, make sure to check the operation instructions of the DC charger.

WARNING

■ When using a DC charger

Observe the following precautions. Failure to do so may cause an unexpected accident, resulting in death or serious injury.

- Use DC chargers conforming to "CHAdeMO standard" at a public charging station. DC charging cannot use a DC charger that is not conforming to the "CHAdeMO standard".
- Do not use the charging cable longer than 30 meters.
- Use DC charger with a charging cable no longer than 30 meters.

Do not do charging with other charger or other vehicle at the same time.

Confirm the following before charging

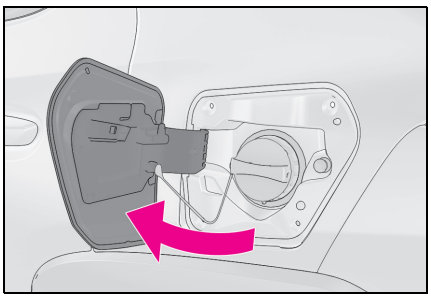
→P.128

When charging

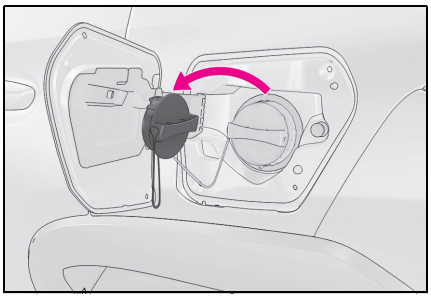
1 Unlock DC charging port lid by unlocking the doors. (→P.190)

2 Open the DC charging port lid (left side of the vehicle). (→P.103)

The DC charging inlet light will illuminate.



3 Remove the DC charging inlet cap and secure it as shown in the illustration.

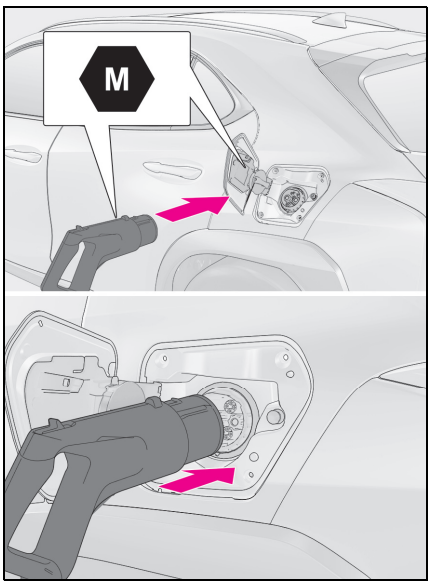


4 Insert the DC charging connector into the DC charge inlet.

When inserting the DC charging connector into the DC charging inlet, make sure that the identification symbols are the same.

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.



5 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.

■ **Charging time**

→P.123

■ **Charging time may increase when**

→P.124

■ **If a message indicating vehicle error on the DC charger side is displayed**

Even if a message indicating vehicle error on the DC charger side (ex. vehicle error found, vehicle error occurred, etc.) is displayed, there is no vehicle fault but possibly a communication error between the DC charger and vehicle. In this case, there may be a terminal damage (bad contact) in the DC charging connector. If there is no error with the vehicle, contact the facility manager of the DC charger.

■ **The charging time displayed on the DC charger**

Depending on the type of the DC charger, the charging time displayed on the DC charger may be longer than normal. This is not a malfunction.

■ **During DC charging**

- The current charging condition can be checked on the multi-information display.
- The actual charging time may differ from that displayed on the DC charger during charging.
- There may be occasions the radio cannot be heard due to noise occurrence during DC charging
- The charging may stop before reaching the upper limit of the charge capacity, due to the remaining charge of the traction battery, the outside temperature, etc., when charging starts.
- It is recommended to avoid frequent DC charging to prevent a decline in the traction battery capacity.
- Quickly move from the DC charging space for other users after the DC charging is completed.

■ **Changing the "Charging Limit" settings**

→P.133

■ **If "Check Charging System Close Charging Port Lid See Owner's Manual" is displayed on the multi-information display**

After DC charging, the following may occur if the system check after the DC charging is not completed as normal.

- The EV system can not be started.
- The EV system can be started but DC charging and AC charging can not be done.

Perform a system check with the following procedures.

1 Be sure to engage the parking brake and then turn the power switch off.
2 Install the DC charging inlet cap, close the DC charging port lid.
3 Check if "Checking Charging System" is displayed on the multi-information display when the power switch is turned to ON.

Do not open the DC charging port lid while the charging system is checking.

When the system check is completed, the power switch automatically turns off.

4 Press the power switch while depressing the brake pedal. The "READY" indicator turns on.

Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer if the charging system check is done and the message on the multi-information display does not go off.

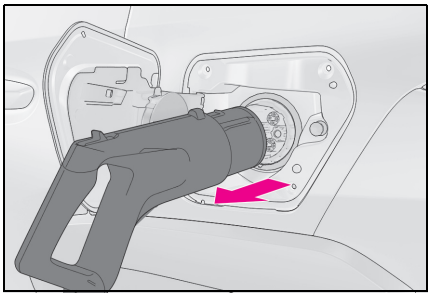
After charging

1 Operate the DC charger and stop the charging.

2 Remove the DC charging connector.

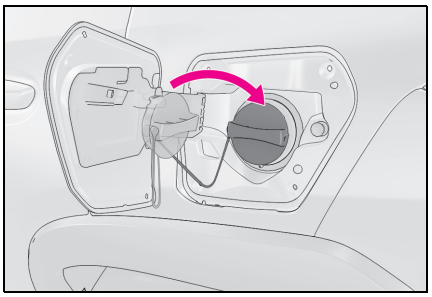
The DC charging connector shape and treatment will differ depending on the type of DC charger. Perform the operations in accordance to handling procedures of the DC charger.

Return the removed DC charging connector to its original position.



3 Attach the DC charging inlet cap and close the DC charging port lid.

Align the horizontal sections of the cap and inlet, and then insert the cap straight into the inlet.



If the DC charging connector cannot be unlocked

- The DC charging connector is locked by the DC charger. Operation of the emergency release lever cannot unlock the DC charging connector.
- The DC charging connector cannot be removed during DC charging. Stop the DC charging when it is necessary to remove the DC charging connector. The DC charging connector can be removed when the DC charging is stopped.
- If the DC charging connector cannot be removed even if the DC charging is stopped, there may be a malfunction with the DC charger, contact the facility manager of the DC charger.

After DC charging

Even if the traction battery is charged to the upper limit value that is set, the level of charge displayed on the DC charger may be lower than the actual one.

WARNING

■ Warnings for DC charging

Be sure to observe the following when using DC charging.

Failure to do so may cause an accident that could lead to death or serious injury.

- Check that the DC charger and DC charging inlet are not damaged. If there is any damage to the DC charging inlet, do not perform a DC charge and have it inspected immediately at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- Do not touch the terminals of the DC charging connector or inlet with metallic sharp tips (wires and needles), or allow a short circuit to occur with foreign objects.
- Do not insert anything other than the DC charging connector into the DC charging inlet.
- Check that the DC charging cable is not coiled up or pinned underneath heavy objects.
- When DC charging is interrupted, follow the handling procedures of the DC charger. Immediately stop the DC charging when there is an outbreak of heat, smoke, strange noises or smells, etc., during charging.
- Check that the DC charging connector and DC charging inlet do not have foreign objects or snow or ice attached to it. If anything is attached to the inlet, be sure to completely remove the material before connecting the DC charging connector.
- Do not charge the vehicle when there is a possibility of lightning. If you notice lightning while charging the vehicle, do not touch the vehicle and the DC charging cable.
- Do not get the DC charging inlet terminals wet.
- Be sure the DC charging inlet makes direct contact with the DC charging connector. Do not connect conversion adapters, extension cords, etc., between the DC charging connector and DC charging inlet.
- Close the hood when using DC charging. The cooling fans may suddenly start to run. Keep hands and clothing (especially a tie, a scarf or a muffler) away from the fans. Failure to do so may cause the hands or clothing to be caught, resulting in serious injury.

■ When connecting the DC charging connector

Follow the handling procedures of the DC charger to connect the DC charging connector. If the connector is not connected properly, the system cannot recognize the connection, and it may be possible to start the EV system.

After charging is completed, make sure to remove the DC charging connector from the DC charging inlet before starting the EV system.

If the vehicle is started off with the connector still connected, it could lead to an accident, possibly resulting in death or serious injury.

NOTICE

■ When using DC charging

Make sure to follow the handling procedures of the DC charger. If the procedures are not followed properly, the vehicle and the DC charger may be damaged.

NOTICE

■ Caution after DC charging

● Be sure to attach the DC charging inlet cap to the DC charging inlet and then close the DC charging port lid after removing the DC charging connector from the inlet. If the DC charging inlet cap is not attached, foreign materials may get into the inlet and the EV system may be malfunctioning.

Using the charging schedule function (AC charging)

AC charging can be performed at the desired time by registering the charging schedule. Also, it is possible to set the schedule to one's preferences, such as having charging complete by a certain departure time or be performed at the same time on certain days.

Settings of the charging schedule function

When registering the charging schedule, the following settings can be changed.

■ Select the charging mode

One of the following two charging modes can be selected.

Charging mode	Operation description
"Start"	Starts charging at the set time*1 and completes charging when fully charged.*2
"Departure"	Starts charging to complete at the set time.*3, 4 When this setting is selected, the air conditioning linked function can be used.

*1: There might be a slight error in the timing when charging starts due to the capacity of the traction battery.

*2: Charging schedule function is performed in accordance with the clock.

Before registering the charging schedule, check and set the clock to the proper time.

*3: If the system determines that charging cannot be completed by the set departure time, it will start charging. Check the charging schedule.

*4: If the outside temperature changes suddenly or the state of the power source being used is changed during charging, the system may not complete the charging as estimated.

■ Repeated setting

The periodic charging schedule can be set by selecting your desired day of the week.

Charging schedule can be performed only once if the days are not selected.

■ Air conditioning-linked setting

When the charging mode is set to "Departure", the vehicle air conditioning system can be set to automatically operate* according to the set time.

By adjusting the cabin temperature in advance and matching it with the departure time, passengers can enjoy a pleasant interior immediately after entering the vehicle.

*: Operation starts approximately 20 minutes before the set departure time.

■ Turning "Charge Now" on and off

If even one charging schedule is registered, charging does not start until the set time, even if the AC charging cable is connected to the vehicle. To start charging immediately without changing the charging schedule setting, turn "Charge Now" on to temporarily cancel the charging schedule and enable charging after connecting the AC charging cable.*

*: If the charging connector is removed during charging while the charging schedule is registered and "Charge Now" is on, "Charge Now" turns off.

■ Changing "Next Event"*1

It is possible to temporarily set the time of the next charging schedule without changing the registered repeated setting.*2

*1: The "Next Event" refers to the closest charging schedule from the current time among the registered charging schedules. Charging schedule is performed based on the "Next Event".

*2: When "Next Event" is changed, the current charging schedule will be temporarily ignored and charging will not be performed until the time specified by "Next Event". (For example, when "Next Event" is set for 2 days later, even if items are registered on the charging schedule, charging will not be performed until the time specified by "Next Event".)

■ Charging schedule settings

A maximum of 15 charging schedules can be registered.

■ Charging schedule function

The charging schedule function can not be used when using DC charging.

■ To make sure that the charging schedule function operates correctly

Check that the following conditions are met:

- The clock is adjusted to the proper time and the day of the week is proper

- The power switch is OFF
- After registering the charging schedule, connect the AC charging cable. When the AC charging cable is connected, the charging start time is determined based on the charging schedule at the time.
- The AC charging indicator flashes after the AC charging cable is connected (→P.105)
- Do not use an electrical socket that has power cut off function (including off timer function). Only use an electrical socket that constantly supplies power. If the electrical socket is cut off due to a off timer function, etc., charging may not be performed appropriately during the set time.
- The traction battery is not fully charged.
- The automatic adjustment of the clock by GPS is set to "On". If the clock has been adjusted in an area where a GPS signal cannot be received, set the automatic adjustment of the clock by GPS to "On" in an area where a GPS signal can be received.

For details regarding GPS, refer to the "NAVIGATION AND MULTIMEDIA SYSTEM OWNER'S MANUAL".

■ When charging is performed regardless of the charging schedule

When the charging schedule is on standby, if a temporary cancelation operation is performed, charging schedule will be canceled and charging will begin immediately.

■ When the AC charging cable remains connected to the vehicle

Even if multiple consecutive charging schedules are registered, the next charge will not be carried out according to the schedule until the AC charging cable is removed and reconnected after charging completes. Also, when the traction battery is fully charged, charging according to the schedule will not be performed.

■ Air conditioning-linked setting

- When the air conditioning-linked setting is turned on, the air conditioning operates until the set departure time. Therefore, depending on the air conditioning electricity consumption, charging may not be completed by the set departure time.
- If the traction battery is fully charged, charging will not be carried out, even if the charging schedule is registered. However, if Air conditioning-linked setting is turned on, the air conditioning will operate only once when it nears the time set in "Departure". If this occurs, the air conditioning will consume electricity and the remaining charge of the traction battery when departing may be decreased.
- When the doors are unlocked, the air conditioning system does not operate.

■ When charging schedule settings are ignored

When the following operations are performed while the charging schedule is on standby, charging schedule is temporarily canceled and charging is started.

- When the Remote Air Conditioning System (→P.429) is operated
- When "My Room Mode" is activated (→P.152)
- When setting "Charge Now" to "On" (→P.148)
- When an operation that temporarily cancel the charging schedule is performed (→P.132)

■ Effects of outside temperature

When the charging mode is set to "Departure", charging schedule may be ignored due to the outside temperature and charging may start.

■ Traction battery cooler (→P.125)

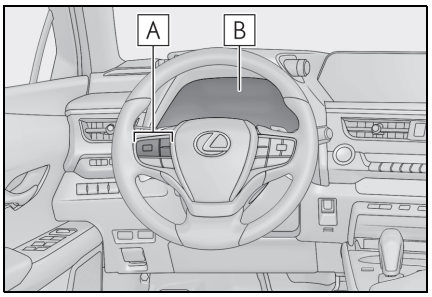
When charging is performed using the charging schedule, the traction battery cooling function may operate according to the temperature of the traction battery.

- When the charging mode is set to "Start", cooling starts at the set charging start time.
- When the charging mode is set to "Departure", cooling starts approximately 30 minutes before the charging

start time. However, if there is no time to complete charging according to the charging schedule, the traction battery cooling time may be shortened and traction battery cooler may not operate.

Setting "Charging Schedule" on the multi-information display

The meter control switches are used to change the charging schedule function settings.



A Meter control switches

B Multi-information display

■ Registering the charging schedule

1 Press ◀ or ▶ of the meter control switches to select ⚙ on the multi-information display.

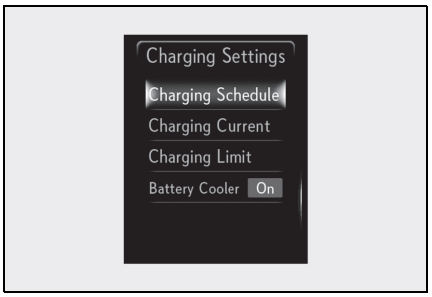
2 Press ▲ or ▼ of the meter control switches to select "Vehicle Settings" and then press "OK".

3 Press ▲ or ▼ of the meter control switches to select "Charging Settings", and then press "OK".

The "Charging Settings" display will be displayed.

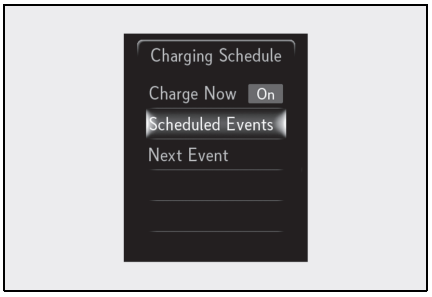
4 Press ▲ or ▼ of the meter control switches to select "Charging Schedule" and then press "OK".

The "Charging Schedule" display will be displayed.



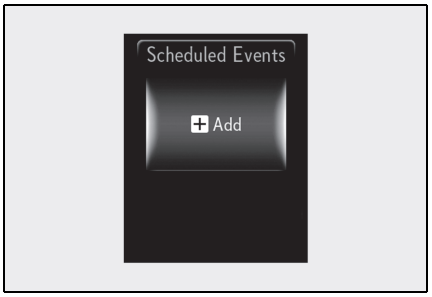
5 Press ▲ or ▼ of the meter control switches to select "Scheduled Events" and then press "OK".

The "Scheduled Events" display will be displayed.



6 Select "Add", and then press "OK".

The "Charging Mode" display will be displayed.



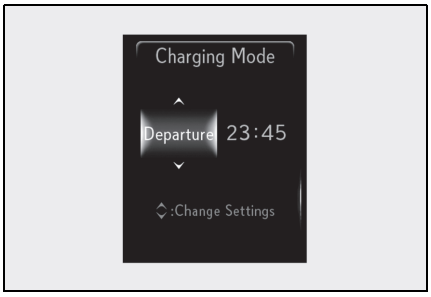
7 Press ＜ or ＞ of the meter control switches to select item and then press ∧ or ∨ to change the charging mode/time settings.

Set the desired charge mode, as well as the charging start (or Departure) time.

When the settings have been changed, press “OK”.

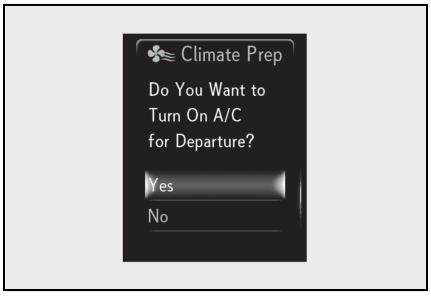
Set the time that is desired to start the charging when charge mode is “Start” and the desired completion time when the mode is “Departure”.

When the charging mode is set to “Departure”, the “Climate Prep” display will be displayed. When the charging mode is set to “Start”, the “Repeat” display (step 9) will be displayed.



8 Press ∧ or ∨ of the meter control switches when operating the air conditioner, select “Yes” and then press “OK”.

The “Repeat” display will be displayed.



9 Press ∧ or ∨ of the meter control switches, select the day desired to activate the repeated setting, and press “OK”.

Each time “OK” is pressed, the repeat settings switches between on and off.

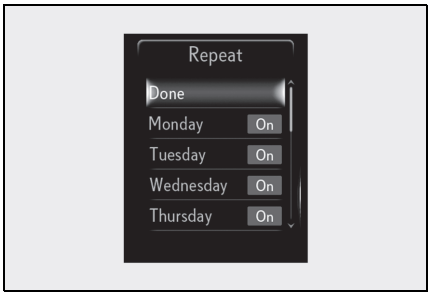
Charging schedule is done repeatedly on the day selected.

It is also possible to turn the repeated setting to “On” for multiple days.

If no days are set to “On”, charging is only done once according to the charging schedule within 24 hours.

When setting are complete, select “Done” and then press “OK”.

A display that confirms the settings are saved is displayed.



10 Press ∧ or ∨ of the meter control switches, select “Save” and press “OK”.

The setup contents are saved.

If it is desired to change the setting details, press “ ” and change the operation settings.

After completing the settings, when the AC charging cable is connected to the vehicle, the charging schedule is done in

accordance with the setting details.



■ Changing the registered charging schedules

The registered charging schedules can be turned on/off, deleted or modified.

1 Press ◀ or ▶ of the meter control switches to select ⚙ on the multi-information display.

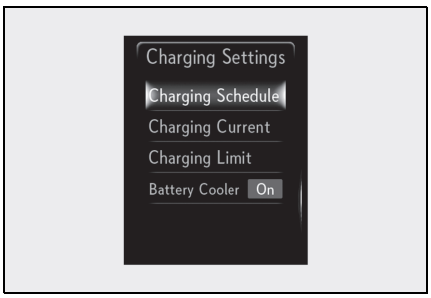
2 Press ▲ or ▼ of the meter control switches to select "Vehicle Settings" and then press "OK".

3 Press ▲ or ▼ of the meter control switches to select "Charging Settings", and then press "OK".

The "Charging Settings" display will be displayed, which displays a list of the registered charging schedules.

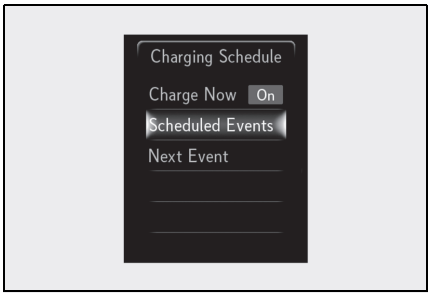
4 Press ▲ or ▼ of the meter control switches to select "Charging Schedule" and then press "OK".

The "Charging Schedule" display will be displayed.



5 Press ▲ or ▼ of the meter control switches to select "Scheduled Events" and then press "OK".

The "Scheduled Events" display will be displayed.



6 Press ▲ or ▼ of the meter control switches, select the line of the settings where the contents are desired to be changed, and then press and hold "OK".

The "Edit Event" display will be displayed.



7 Press ∧ or ∨ of the meter control switches, select the item to operate and perform each necessary operation.



● ON/OFF

Each time "OK" of the meter control switch is pressed on the "Scheduled Events" display, the selected charging schedule switches between "On" and "Off".

When set to OFF, a charging schedule is ignored and charging according to the schedule is not performed.

When ↩ is pressed, setup is completed.

● "Edit"

Change the desired settings as described starting from step 7 of the Registering the charging schedule procedure. (→P.145)

Press ∧ or ∨ of the meter control switches, select "Save" and press "OK" to save the settings.

Press the ↩ switch to return to the previous display.



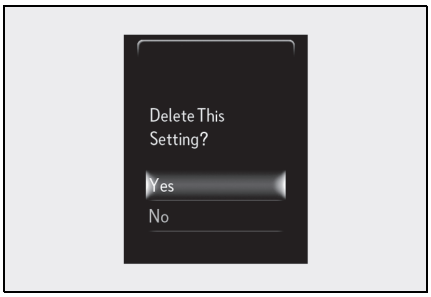
● "Delete"

When "OK" is pressed on the meter control switches, a deletion confirmation will be displayed.

Press ∧ or ∨ of the meter control switches, select "Yes" and then press "OK" to delete the selected charging schedule.

Press the ↩ switch to return to the previous display.

To cancel deletion of the registered contents, select "No" and then press "OK".



■ Setting "Charge Now" to "On"

The "Charge Now" setting can be changed by performing one of the two following procedures.

▶ Operation on the "Charging Schedule" display

1 Press < or > of the meter control switches to select ⚙ on the multi-information display.

2 Press ∧ or ∨ of the meter control switches to select "Vehicle Settings" and then press "OK".

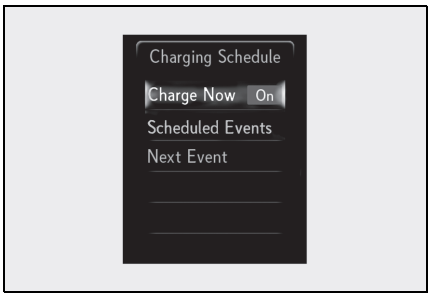
3 Press ∧ or ∨ of the meter control switches to select "Charging Settings" and then press "OK".

4 Press ∧ or ∨ of the meter control switches to select "Charging Schedule" and then press "OK".

The "Charging Schedule" display will be displayed on the multi-information display.

5 Press ∧ or ∨ of the meter control switches to select "Charge Now", and then press "OK".

Each time "OK" is pressed, "Charge Now" switches between "On" and "Off".



▶ Operation on the ending display

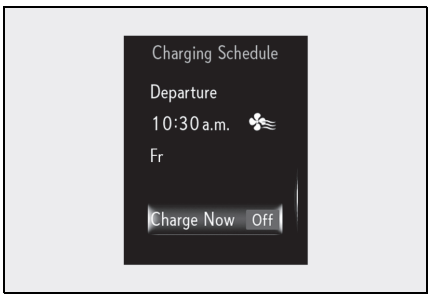
The "Next Event" display will be displayed after the power switch is turned off.

1 Turn the power switch off.

The ending display will be displayed on the multi-information display.

2 Press "OK" to set "Charge Now" to "On".

Each time "OK" is pressed, "Charge Now" switches between "On" and "Off".



After setting operations are complete, charging starts when the AC charging cable is connected. (→P.130)

■ Changing "Next Event"*

*: When "Charge Now" is set to "On" or My Room Mode is in use (→P.152) etc., the registered "Next Event" cannot be changed.

1 Press < or > of the meter control switches to select ⚙ on the multi-information display.

2 Press ∧ or ∨ of the meter control switches to select "Vehicle Settings" and then press "OK".

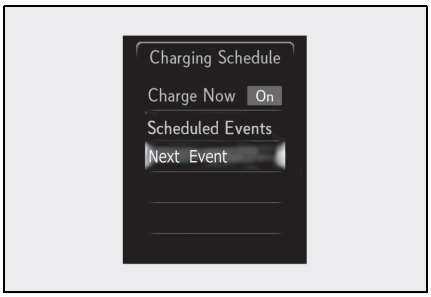
3 Press ∧ or ∨ of the meter control switches to select "Charging Settings" and then press "OK".

4 Press ∧ or ∨ of the meter control switches to select "Charging Schedule" and then press "OK".

The "Charging Schedule" display will be displayed on the multi-information display.

5 Press ∧ or ∨ of the meter control switches to select “Next Event”, and then press “OK”.

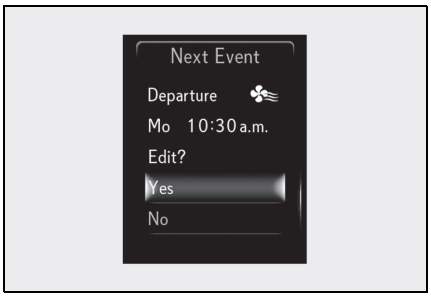
The “Next Event” display will be displayed.



6 Press ∧ or ∨ of the meter control switches to select “Yes”, and then press “OK”.

A display that confirms changes for the “Next Event” will be displayed.

When canceling changes, Select “No” and then press “OK”.



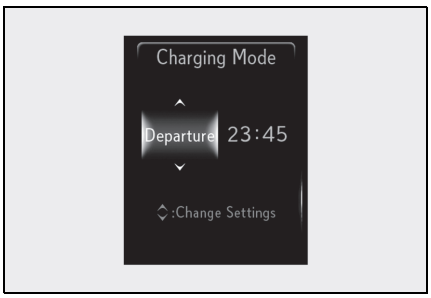
7 Press ∧ or ∨ of the meter control switches to select “OK”, and then press “OK”.

The “Charging Mode” display will be displayed.

Press ↩ to return to the previous display.



8 Press < or > of the meter control switches, select the item to change, press ∧ or ∨ and change the settings.



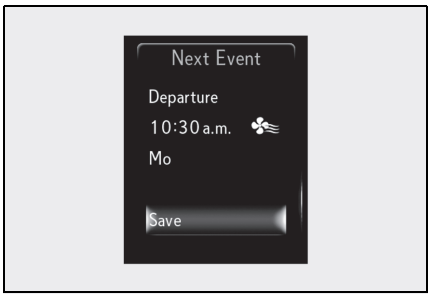
Setting	Operation
Charge mode/Time	Operate ◀, ▶, ▲ and ▼ of the meter control switches to set the charging mode ("Start" or "Departure") and charging start (or departure) time. When setting are complete, press "OK".
Day	Operate ▲ or ▼ of the meter control switches to select the day to perform charging according to the schedule. When setting are complete, press "OK".
Air conditioner linked	This can be set when the charging mode is set to "Departure". To activate the air conditioner link, press ▲ or ▼ of the meter control switches to select "Yes" and then press "OK".

9 When setting are complete, press "OK".

A display to confirm the setup saving will be displayed.

Press ▲ or ▼ of the meter control switches to select "Save", and then press "OK" to save the contents that were setup.

If it is desired to change the setup contents, press ↩ and change the operation setup.



■ **The charging schedule setting display will be suspended when**

- It is necessary for a message with a higher priority than the charging schedule setting to be displayed.
- The power switch is turned off before the settings are confirmed.
- The vehicle is started off.

■ **"Next Event"**

Even after charging is performed according to the "Next Event" schedule, the "Next Event" displayed on the multi-information display will not change until the AC charging cable is removed after charging completes.

■ **To return to original setting after changing "Next Event" setting**

Turning the setting of "Charge Now" on and then off can return the setting of "Next Event" to its original setting.

■ **When "Next Event" is changed while charging**

- When the charging mode is "Departure", the current charging is interrupted or continued depending on the remaining time until the charging is completed.
- When the charging mode is "Start", the current charging is interrupted, the next charging will start at the set time.

■ **When the power switch is turned off**

When the power switch is turned off, the next charging schedule will be displayed on the ending display and the registered con-

tents can be checked.

Also, the ending display may not be displayed during charging.

NOTICE

■ While setting the charging schedule

To prevent 12-volt battery discharge, ensure that the EV system is operating while setting the charging schedule on the multi-information display.

Using My Room Mode

When the charging cable is connected to the vehicle, electrical components such as the air conditioning system and audio system can be used by the power supply from an external power source.

Starting My Room Mode

1 Connect the charge cable to the vehicle to start charging.

AC Charging: →P.130

DC Charging: →P.138

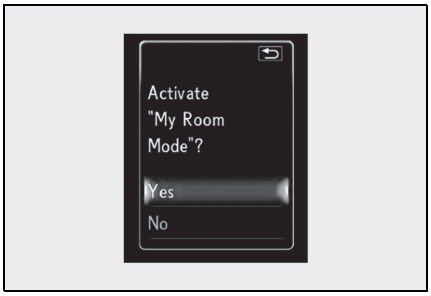
2 Turn the power switch to ON while charging.

The My Room Mode settings is automatically displayed on the multi-information display.

3 Press ^ or v of the meter control switches to select “Yes”, and then press “OK”.

My Room Mode is started and it is possible to use the air conditioning system, audio system, etc.

Select “No” and press “OK” when My Room Mode is not being used.

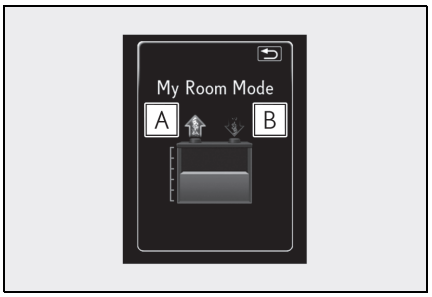


To disable My Room Mode, turn the power switch off.

My Room Mode will automatically be off when DC charging is completed.

Display information for electric power balance during My Room Mode

When starting My Room Mode, the electric power balance will be automatically displayed on the multi-information display, and an approximation of the electricity balance (the balance between the amount of electricity provided and electricity consumed) during My Room Mode can be checked.



A Discharging (-)

B Charging (+)

The size of the arrow symbol changes depending on the power supply and electricity consumption amounts.

If the electricity consumption is more than the power supply, A is displayed more than B .

If the power supply and electricity consumption amounts are equal, A and B are displayed as the same size.

Meter display while charging

After turning the power switch to ON while charging, the power switch automatically turns off if My Room Mode is not selected within approximately 100 seconds.

When using My Room Mode the following may occur

- When the remaining charge of the traction battery drops to the lower limit, the air conditioning system automatically stops. In that case, the air conditioning system can not operate until the remaining charge of the traction battery increases. Turn off the power switch once, then use My Room Mode after the remaining charge of the traction battery increases.
- If the doors are unlocked while using My Room mode, the AC charging connector will be unlocked and the My Room mode will be stopped. To use My Room mode again, perform the operation to start it.(→P.152) In addition, when using AC charger at the public charging station, it is necessary to perform the operation to start the charger before using My Room mode.
- The charging time of the traction battery gets longer.
- Noise may be heard from the radio depending on conditions of the radio wave.
- Fan noises may be heard from under the floor.
- The surrounding area of the onboard traction battery charger in the motor compartment may become hot.

Registering the charging schedule (→P.145)

When My Room Mode starts while a charging schedule is on standby, the charging schedule settings are disable and charging starts immediately.

Using My Room Mode with the traction battery fully charged

A warning message “Charging Port Lid is Open” will be displayed on the multi-information display, if the power switch is turned on when the traction battery is fully charged and the AC charging connector is connected.

In that case, by pressing the ↩ of meter control switches, the My Room Mode settings screen will be displayed and "Yes" can be selected.

When My Room Mode is used with the traction battery fully charged, electricity of the traction battery will be consumed. In that case, perform the charging again.

■ **Warning message display**

When trying to start My Room Mode or My Room Mode is being used, if a message is displayed on the multi-information display, refer to the corresponding table and perform the appropriate correction procedures.

Message	Correction procedure
"Traction Battery is too Low for "My Room Mode""	There is no remaining charge of the traction battery to start My Room Mode. Wait until the remaining charge of the traction battery increases, start the My Room Mode.
""My Room Mode" has stopped due to low traction battery level"	The remaining charge of the traction battery is insufficient. Stop using the My Room Mode and charge the traction battery.
""My Room Mode" will stop when traction battery level is too low Reduce power usage to continue using "My Room Mode""	The electricity consumption of the vehicle is more than the charge amount for the traction battery, thus the remaining charge of the traction battery is low.* • If the electricity consumption of the vehicle can not be improved, the My Room Mode will be off. • When My Room Mode continuation is desired, turn off the air conditioning system, audio system, etc., to increase the remaining charge of the traction battery.

*: During My Room Mode, the information for electric power balance can be checked on the multi-information display.

WARNING

■ Warnings for using My Room Mode

Observe the following precautions.

Failure to do so may result in death or a serious health hazard.

- Do not leave children, people who need care, or pets inside the vehicle. The temperature inside the vehicle may become high or low due to features such as the automatic shut-off. The children, people who need care, or pets left inside the vehicle may suffer heatstroke dehydration or hypothermia. Also, since the wipers, etc., can be operated, there may be accidental operation, possibly leading to an accident.
- Use the mode after sufficiently checking the vicinity of the vehicle for safety hazards.

When charging cannot be performed normally

When charging does not start, even though the normal procedure is followed, check each of the following items. If a message is displayed on the multi-information display, refer to P.163.

When AC charging cannot be performed normally

Refer to the following table and carry out the appropriate correction procedure.

■ **The power indicator on the CCID (Charging Circuit Interrupting Device) does not illuminate, even though the plug of the AC charging cable is connected to an electrical socket**

Likely cause	Correction procedure
Plug is not properly connected to the electrical socket	Check that the plug is properly connected to the electrical socket.
Power outage	After power is restored, perform the charging procedure again.
Remote switch is off	If the electrical socket is equipped with a remote switch, turn the switch on.
Building breaker is tripped and power is cut off	Check that the breaker is connected and if there is no malfunction, check if the vehicle can be charged through another electrical socket. If charging is possible, the first electrical socket may have a malfunction. Contact the building or facility manager, or an electrician.
Short circuit between CCID (Charging Circuit Interrupting Device) and plug	Immediately stop charging and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ The error warning indicator on the CCID (Charging Circuit Interrupting Device) flashes

Likely cause	Correction procedure
Electrical leakage detection function or self-diagnostic function operates and power is cut	When the voltage is insufficient, the error warning indicator may flash when there is noise interference. Perform a reset and connect to a proper power source. (→P.111) If charging does not start, immediately stop charging and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ The AC charging indicator does not illuminate, even though the AC charging connector is connected

Likely cause	Correction procedure
Plug is not properly connected to the electrical socket	Properly connect the plug to the electrical socket.
AC charging connector is not securely connected to AC charging inlet	Check the connection of the AC charging connector. • When connecting the AC charging connector, insert the AC charging connector securely. • After connecting the AC charging connector, make sure that the AC charging indicator is turned on. If the AC charging indicator does not illuminate, even though the AC charging connector is securely connected, there may be a malfunction in the system. Immediately stop charging and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
Traction battery is already fully charged	When the traction battery is fully charged, AC charging cannot be performed.
The charger does not operate	Please contact the charging station manager when there is a problem with charger.

■ AC charging indicator flashes and charging cannot be carried out.

Likely cause	Correction procedure
When the AC charging indicator flashes normally*: Charging schedule is registered	When you want to charge according to the charging schedule, wait until the set time. To start charging, set "Charge Now" to "On".
When the AC charging indicator flashes rapidly*: An external power source or the vehicle is malfunctioning	Start the EV system and follow the instruction messages displayed on the multi-information display. (→P.163)

*: Refer to P.105 for details regarding illumination/flashing patterns of the AC charging indicator.

When DC charging cannot be performed normally

Refer to the following table and carry out the appropriate correction procedure.

■ DC charging does not start

Likely cause	Correction procedure
The DC charging connector is not properly connected to the vehicle.	Check the connection status of the DC charging connector and be sure that it is locked. If the DC charging does not start, even though the DC charging connector is securely connected, there may be a malfunction with the DC charger or charging system.
The DC charging connector is not securely locked.	• If there is a malfunction with the DC charger, contact the charging station manager. • If there is not a malfunction with the DC charger, there may be a malfunction in the system. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Likely cause	Correction procedure
Error is detected by the DC charger or vehicle's system check.	There may be a malfunction with the DC charger or charging system. • If there is a malfunction with the DC charger, contact the charging station manager. • If there is not a malfunction with the DC charger, there may be a malfunction in the system. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer. • If the EV system can not be started, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
The DC charger power goes off.	Contact the charging station manager and check the power status.
Traction battery is already fully charged	When the traction battery is fully charged, DC charging cannot be performed.
AC charging connector is also connected.	DC charging and AC charging can not be performed together.
The EV system is started.	When the EV system is started, DC charging cannot be started. Also, if the shift position is not in P, DC charging cannot be performed.

■ **When DC charging is interrupted**

Likely cause	Correction procedure
The timer for the DC charger operates.	Depending on the type of the DC charger, the timer may be set to stop charging after a certain time. Check with the charging station manager.
The power for the DC charger is off.	Check the power status of the DC charger. If there are uncertainties with the power status, contact the charging station manager.

Likely cause	Correction procedure
The temperature of the traction battery is extremely high or low.	DC charging may not be performed in extremely high or extremely low temperature environments. Charge the traction battery after the temperature has been stabilized.
Error is detected by the DC charger or vehicle's system check.	There may be a malfunction with the DC charger or charging system. • If there is a malfunction with the DC charger, contact the facility manager. • If there is not a malfunction with the DC charger, there may be a malfunction in the system. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer. • If the EV system can not be started, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
The electrical components such as the air conditioning system stop operating while the traction battery is approximately fully charged.	Keep the electrical components such as the air conditioning system in the OFF state, and then perform the charging procedure again.

■ **EV system does not start after DC charging**

Likely cause	Correction procedure
System check is not completed properly after charging.	Do a system check following the procedures on P.139. If the system check can not be completed properly even after these procedures are performed, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Likely cause	Correction procedure
The DC charging connector is still connected.	For safety, the EV system can not be started when the DC charging connector is connected. (→P.129) Remove the DC charging connector immediately after the charging is completed.
The DC charging system is malfunctioning	• Depending on the type of malfunction, the EV system can be started after closing the DC charging port lid. • If the EV system can not be started, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

When charging schedule function cannot be performed normally

Refer to the following tables and carry out the appropriate correction procedures.

■ Charging is not performed at desired time

Likely cause	Correction procedure
Vehicle clock is not properly adjusted or the day of the week is not proper	Check the clock settings and adjust it to the proper time*. (→P.173)
AC charging cable is not connected to vehicle	Before using the charging schedule, make sure to connect the AC charging cable.
Incorrect charging mode is selected	Check the charging mode setting. (→P.142) When the charging mode is "Start", charging starts at the set time, but when it is "Departure", charging is completed by the set time. (The charging start time is automatically controlled by the system.)

*: The automatic adjustment of the clock by GPS is set to "On". If the clock has been adjusted in an area where a GPS signal cannot be received, set the automatic adjustment of the clock by GPS to "On" in an area where a GPS signal can be received. For details regarding GPS, refer to the "NAVIGATION AND MULTIMEDIA SYSTEM OWNER'S MANUAL".

■ **Charging starts, even though the charging schedule is registered**

Likely cause	Correction procedure
"Charge Now" is set to "On"	When charging according to the schedule, set "Charge Now" to "Off". (→P.148)
"Charging Schedule" is set to "Off"	Set the "Charging Schedule" to "On". (→P.147)
Charging mode is set to "Departure" and schedule departure time is close to current time	When the system determines that there is no time to complete charging by the set departure time, it will start charging. Check the charging schedule.
AC charging cable is removed and reconnected while the AC charging indicator is flashing	If the AC charging cable is removed and reconnected while the AC charging indicator is flashing, the charging schedule will be canceled (→P.132). Temporarily remove the AC charging cable, and then reconnect it.
My Room Mode or remote air conditioning system is operating, and charging schedule is ignored.	To perform charging schedule, stop each of the functions and then reconnect the AC charging cable.
Traction battery heater (→P.124) is operated	When the charging mode is set to "Departure", traction battery heater may operate before charging starts. Check the status of the AC charging indicator. (→P.105)
Outside temperature is low and the traction battery warming control (→P.125) is operated	When the traction battery warming control or traction battery heater operates, the charging schedule settings are ignored and charging starts. In order to protect the traction battery, allow charging to continue.

■ **Charging ends earlier than time set in "Departure"**

Likely cause	Correction procedure
Charging end time does not match estimated end time due to condition of power source or outside temperature	If sudden changes in temperature or changes in the condition of the power source occur while charging, charging may end earlier than the time estimated by the system.

■ **Charging is not complete, even though it is time set in "Departure"**

Likely cause	Correction procedure
"Climate Prep" is set to "On"	When "Climate Prep" is set to "On", the air conditioning operates until the time set in "Departure". Therefore, charging may not complete by the set time due to charging conditions. To have the traction battery fully charged, allow charging to continue.
Charging end time does not match estimated end time due to condition of power source or outside temperature	If sudden changes in temperature or changes in the condition of the power source occur while charging, charging may not end exactly at the time estimated by the system.

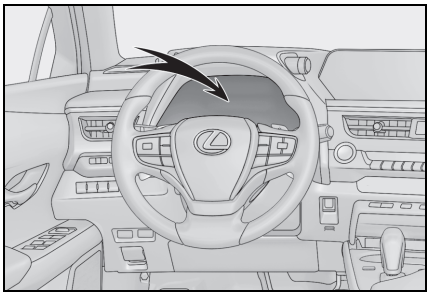
■ **Charging does not start, even though it is time set in "Start"**

Likely cause	Correction procedure
AC charging cable is connected after set time	Connect the AC charging cable before the time set in "Start".

When charging related message is displayed

When a door is opened while the power switch is off after charging, a message will be displayed on the multi-information display.

If any of the following messages are displayed, refer to the corresponding table and perform the appropriate correction procedures.



■ If "Charging Stopped Due to Pulled Charging Connector" is displayed

Likely cause	Correction procedure
AC charging connector is disconnected during charging	To continue charging, reconnect the AC charging connector.
After the traction battery is fully charged, the AC charging connector is disconnected while the traction battery is being recharged again because the electricity-consuming functions* have been used and the remaining charge is now reduced. *: Electricity is consumed when the air conditioning-linked function, traction battery heater, My Room Mode or Remote Air Conditioning System is operating.	
AC charging connector is not securely connected	Check the connection status of the AC charging connector. • When connecting the AC charging connector, insert the AC charging connector securely. • After connecting the AC charging connector, make sure that the AC charging indicator is turned on. If charging cannot be performed, even though the correct procedures were followed, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ If "Charging complete Limited charge due to battery temp" is displayed

Likely cause	Correction procedure
Charging is stopped to protect the traction battery as it continued to remain hot for a certain period of time.	Allow the traction battery to cool down and perform charging again if the charging amount has not reached the desired amount.

■ If "Charging stopped Check charging source" is displayed

Likely cause	Correction procedure
Problem in power supply from external power source	Check the following items. • The plug is securely inserted. • Extension cord is not used and electrical socket is not overloaded. • The remote switch is not off. • Connected to a dedicated power line. • Power outage has occurred or not. • The power indicator on the CCID (Charging Circuit Interrupting Device) is illuminated. • The circuit breakers have not tripped. If all of the above conditions are met, the electrical socket may be malfunctioning. Contact an electrician and request an inspection. Furthermore, if the error warning indicator on the CCID (Charging Circuit Interrupting Device) is flashing, there may be electrical leakage. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer. If charging cannot be performed, even though there is no problem with the power source path, there may be a malfunction in the system. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Likely cause	Correction procedure
Charging is stopped by charger	Depending on the specifications of charger, charging may be canceled by an interruption of power supply. Charging may be stopped by the following. Refer to charger handling methods. • The charging stop button of charger is pressed. • Charger with off timer function canceled charging • Charger that is not compatible with the charging schedule function of the vehicle • Check if it is possible to charge with the AC charging cable equipped with the vehicle. If charging cannot be carried out even when using the genuine AC charging cable, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
The AC charger is not compatible with the vehicle	Check if it is possible to charge with the AC charging cable equipped with the vehicle. If charging cannot be carried out even when using the genuine AC charging cable, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
The DC charger is malfunctioning.	If the message above is displayed when DC charging has not stopped operations, the DC charger may be damaged, so do not use that DC charger. Check if it is possible to charge with another DC charger.
The DC charger is not compatible with the vehicle.	

■ If "Charging stopped High energy use See Owner's Manual" is displayed

Likely cause	Correction procedure
Power is being consumed by electrical components of vehicle	Check the following items, and then perform the charging procedure again. • If the headlights and audio are turned on, turn them off. • Turn the power switch off. If charging cannot be carried out, even after performing the above, the 12-volt battery may not be sufficiently charged. Start the EV system and wait for approximately 15 minutes or more to charge the 12-volt battery.

■ If "Charging system malfunction See Owner's Manual" is displayed

Likely cause	Correction procedure
Malfunction occurred in charging system	Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ If "Traction battery temp is low System has prioritised charging to preserve battery condition" is displayed

Likely cause	Correction procedure
The traction battery warming control is operated	When the traction battery warming control operates, the charging schedule settings are ignored and charging starts immediately. It is a control to protect the traction battery, and is not a malfunction.

■ If "Check Charging System Close Charging Port Lid See Owner's Manual" is displayed

Likely cause	Correction procedure
System check is not completed properly after DC charging.	The EV system can not be started until the system check is completed properly. Perform a system check following the procedures on P.139.

■ If "Charging Stopped Time Limit Reached" is displayed

Likely cause	Correction procedure
The DC charging is not completed within the restricted time with DC charger.	• Depending on the type of DC charger, the timer may be set to stop charging after a certain time. Check with the charging station manager. Depending on the condition of the vehicle, the charging time may become longer than normal, and the DC charging may not be completed within the restricted time. • When the A/C, headlights, audio system, etc., are turned on, the electricity consumption of the vehicle will be increased. Perform the DC charging after turning off all of the above. • The temperature of the traction battery may be low. Perform the DC charging after warming up the traction battery.

Vehicle status information and indicators

3

3-1. Instrument cluster

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Warning lights and indicators

The warning lights and indicators on the instrument cluster, center panel and outside rear view mirrors inform the driver of the status of the vehicle's various systems.

Warning lights and indicators displayed on the instrument cluster

For the purpose of explanation, the following illustration display all warning lights and indicators illuminated.



Warning lights

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

- Brake system warning light (red) *1 (→P.514)
- 12-volt battery charging system warning light *2 (→P.514)
- Tire pressure warning light *1 (→P.515)
- Brake system warning light (yellow) *1 (→P.515)
- SRS warning light *1 (→P.515)
- ABS warning light *1 (→P.515)
- Electric power steering system warning light (red) *1 (→P.516)
- Electric power steering system warning light (yellow) *1 (→P.516)
- Slip indicator *1 (→P.516)
- Parking brake indicator (flashes) (→P.516)



(flashes) Brake hold operated indicator*1 (→P.516)



(flashes) Lexus parking assist-sensor OFF indicator (if equipped) (→P.517)



(flashes) RCTA OFF indicator (if equipped) (→P.517)



(flashes) PKSB OFF indicator*1 (if equipped) (→P.517)


Traction battery charge warning light (→P.518)


Driver's and front passenger's seat belt reminder light (→P.518)



Rear passengers' seat belt reminder lights*2 (→P.518)


Brake Override System warning light/Drive-Start Control warning light/PKSB warning light*2 (→P.519)


(orange) LTA indicator*2 (→P.519)



(flashes or illuminates) PCS warning light*1 (→P.520)

*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 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 any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

*2: This light illuminates on the multi-information display.

WARNING

■ If a safety system warning light does not come on

Should a safety system light such as the ABS and SRS warning light not come on when you start the EV system, 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 any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately if this occurs.

Indicators

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


Turn signal indicator (→P.301)


Tail light indicator (→P.307)


Headlight high beam indicator (→P.308)



AHS indicator*1 (if equipped) (→P.309)
Automatic High Beam indicator*1 (if equipped) (→P.313)


Front fog light indicator (if equipped) (→P.316)


Rear fog light indicator (→P.316)



PCS warning light*1, 2 (→P.335)


Cruise control indicator*3 (→P.355)


Dynamic radar cruise control indicator*3 (→P.355)

SET Cruise control "SET" indicator*3 (→P.355)

(white) LTA indicator*3, 4 (→P.347)

(green) LTA indicator*3, 4 (→P.347)

(orange) LTA indicator*3, 4, 5 (→P.347)

BSM outside rear view mirror indicators*1, 6 (if equipped) (→P.366)

BSM BSM indicator (if equipped) (→P.366)

P OFF Lexus parking assist-sensor OFF indicator*2 (if equipped) (→P.379)

RCTA OFF RCTA OFF indicator*2 (if equipped) (→P.385)

OFF PKSB OFF indicator*1, 2 (if equipped) (→P.390)

Slip indicator*1, 5 (→P.404)

OFF VSC OFF indicator*1, 2 (→P.404)

Smart entry & start system indicator*3 (→P.292)

READY "READY" indicator (→P.292)

(P) Parking brake indicator (→P.302)

HOLD Brake hold standby indicator*1 (→P.304)

HOLD Brake hold operated indicator*1 (→P.304)

Low outside temperature indicator*3, 7 (→P.173)

Security indicator*8 (→P.75, 87)

ON PASSENGER AIR BAG OFF "PASSENGER AIR BAG" indicator*1, 8 (→P.44)

● Drive mode indicators

Eco Eco drive mode indicator (→P.402)

Sport Sport mode indicator (→P.402)

*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 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 any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

*2: This light comes on when the system is turned off.

*3: This light illuminates on the multi-information display.

*4: Depending on the operating condition, the color and illuminating/flashing state of the light change.

*5: This light flashes to indicate that the system is operating.

*6: This light illuminates on the outside rear view mirrors.

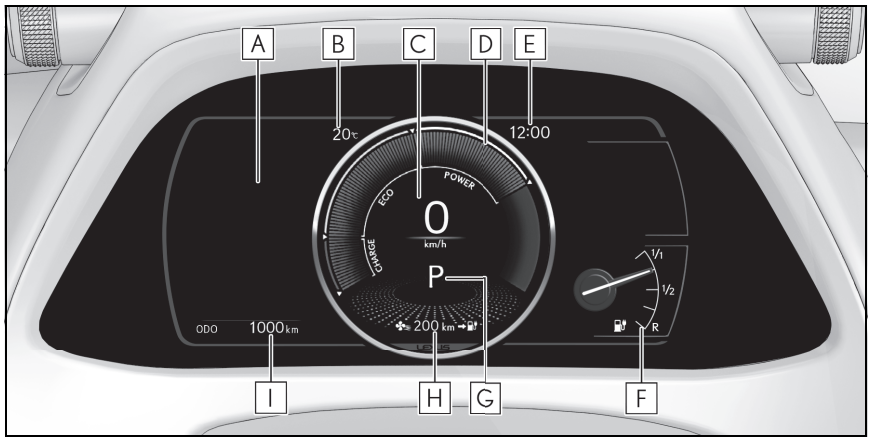
*7: When the outside temperature is approximately 3°C (37°F) or lower, this indicator will flash for approximately 10 seconds, then stay on.

*8: This light illuminates on the center panel.

Gauges and meters

Meter display

■ Locations of gauges and meters



The location of some displayed items and the units of measure may differ depending on the intended destination of the vehicle.

A Multi-information display

Presents the driver with a variety of vehicle data (→P.176)
Displays warning messages if a malfunction occurs (→P.522)

B Outside temperature

Displays the outside temperature within the range of -40°C (-40°F) to 50°C (122°F)

Low outside temperature indicator comes on when the ambient temperature is 3°C (37°F) or lower

C Speedometer

D EV System Indicator

Displays EV system output or regeneration level (→P.174)

E Clock

Time displayed is linked to the analog clock on the center panel. (→P.445)

F SOC (State of Charge) gauge

Displays the amount of charge remaining in the traction battery.

G Shift position/regenerative braking power indicator (→P.296, 300)

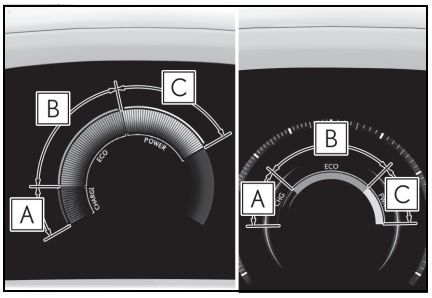
H Driving range

Displays driving range with remaining charge. (→ P.177)

When the air conditioning system is operating, and the driving range with the air conditioning system on are displayed.

I Odometer and trip meter display (→P.174)

■ EV System Indicator



A Charge area

Shows regeneration* status.

Regenerated energy will be used to charge the traction battery.

B Eco area

Shows that the vehicle is being driven in an Eco-friendly manner.

By keeping the bar display within Eco area, more Eco-friendly driving can be achieved.

C Power area

Shows that an Eco-friendly driving range is being exceeded (during full power driving etc.)

*: When used in this manual, regeneration refers to the conversion of energy created by the movement of the vehicle into electrical energy.

■ Outside temperature display

● In the following situations, the correct outside temperature may not be displayed, or the display may take longer than normal to change:

- When stopped, or driving at low speeds (less than 20 km/h [12 mph])
- When the outside temperature has changed suddenly (at the entrance/exit of a garage, tunnel, etc.)

● When "--" or "E" is displayed, the system may be malfunctioning. Take your vehicle to any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ Liquid crystal display

→P.176

■ Customization

The gauges and meters can be customized on of the multi-information display. (→P.556)

WARNING

■ The 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.

For example, there is a lag between the driver's shifting and the regenerative braking power appearing on the display. This lag could cause the driver to downshift again, causing rapid and excessive regenerative braking and possibly an accident resulting in death or injury.

Odometer and trip meter display

■ Display items

● Odometer

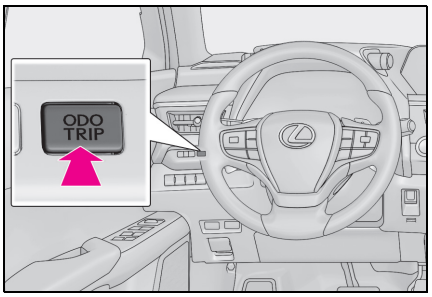
Displays the total distance the vehicle has been driven.

● Trip meter A/trip meter B

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.

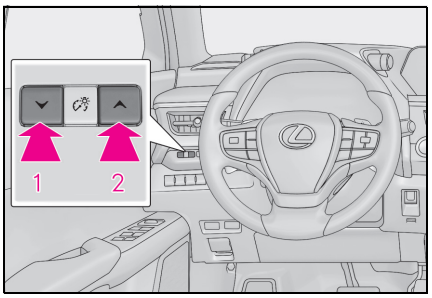
■ Changing the display

Each time the "ODO TRIP" switch is pressed, the displayed item will be changed. When the trip meter is displayed, pressing and holding the switch will reset the trip meter.



Changing the instrument panel light brightness

The brightness of the instrument panel lights can be adjusted.



1 Darker

2 Brighter

■ Instrument panel brightness adjustment

The instrument panel brightness levels when the surroundings are bright (daytime etc.) and dark (nighttime etc.) can be adjusted individually.

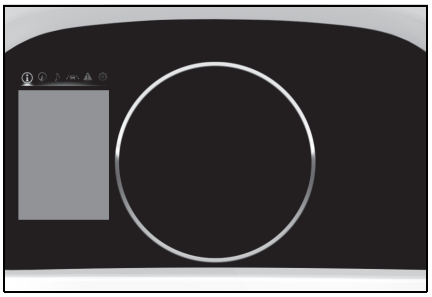
Multi-information display

Display and menu icons

Display

By selecting menu icons on the multi-information display, a variety of driving-related information can be displayed. The multi-information display can also be used to change display settings and other vehicle settings.

Warning or suggestion/advice pop-up displays are also displayed in certain situations.



Menu icons

The menu icons will be displayed by pressing < or > of the meter control switches (→P.176).

- Driving information display (→P.177)
- Navigation system-linked display (if equipped) (→P.178)
- Audio system-linked display (→P.178)
- Driving support system information display (→P.178)
- Warning message display (→P.522)
- Settings display (→P.178)

Opening image display

When the power switch is in ACC or ON, the opening image is displayed on the multi-information display.

While the opening image is being displayed, the meter display cannot be changed even if the drive mode is changed. When the opening image is finished, the meter display for the currently selected mode will be displayed.

Liquid crystal display

Small spots or light spots may appear on the display. This phenomenon is characteristic of liquid crystal displays, and there is no problem continuing to use the display.

WARNING

Caution for use while driving

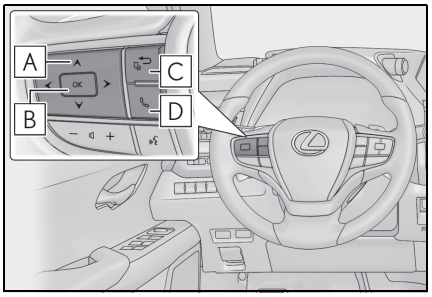
- When operating the multi-information display while driving, pay extra attention to the safety of the area around the vehicle.
- Do not look continuously at the multi-information display while driving as you may fail to see pedestrians, objects on the road, etc. ahead of the vehicle.

The information display at low temperatures

→P.174

Changing the meter display

The multi-information display is operated using the meter control switches.



A < / > : Select menu icons
^ / v : Change displayed content, scroll up/down the screen or move the cursor up/down

B Press: Enter/Set
Press and hold: Reset

C Return to the previous screen

D Call sending/receiving and history display

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

Drive information

Display items

Press < or > of the meter control switches and select . Then press ^ or v to display the following items:

- Drive information 1
- Drive information 2
- Tire pressure
- Display off

Drive information 1/Drive information 2

2 of the following drive information can be displayed in each screen.

Displayed items can be changed on . (→P.176)

Use the displayed values as a reference only.

- Current electricity consumption

Displays instantaneous current electricity consumption

- Average electricity consumption

After reset: Displays average electricity consumption since the display was reset *1

After start: Displays average electricity consumption since the EV system was started

After recharge: Displays average electricity consumption since recharge

- Average vehicle speed

After reset: Displays average vehicle speed since the display was reset *1

After start: Displays average vehicle speed since the EV system was started

- Driven distance

Displays the distance driven since the EV system was started

- Elapsed time

After reset: Displays elapsed time since the display was reset *1

After start: Displays elapsed time since the EV system was started

- Driving range

Displays driving range with remaining charge *2

When the air conditioning system is operating,  and the driving range with the air conditioning system on are displayed*3.

● Other

No item

*1: To reset, display the desired item and press and hold "OK" of the meter control switches.

*2: This distance is computed based on the remaining charge of the traction battery. (→P.101)
The actual distance that can be driven may differ from that displayed.

*3: When the air conditioning system is on, the displayed driving range is less than that with the air conditioning system off.

■ **Tire pressure**

→P.473

■ **Display OFF**

Displays a blank screen.

Navigation system-linked display (if equipped)

Select to display the following navigation system-linked information.

● Route guidance to destination

● Compass display

■ **Route guidance to destination display**

When the route guidance to destination display is enabled on the head-up display, it will not be displayed on the multi-information display. (→P.180)

Audio system-linked display

Select to enable selection of an audio source or track on the meter using the meter control switches.

Driving support system information display

Select to display the operational status of the following systems:

● LTA (Lane Tracing Assist) (→P.342)

● Dynamic radar cruise control with full-speed range (→P.355)

● RSA (Road Sign Assist) (→P.351)

Warning message display

Select to display warning messages and measures to be taken if a malfunction is detected. (→P.522)

Settings display

■ **Meter display settings that can be changed**

● Language

Select to change the language displayed.

● Units

Select to change the units of measure displayed.

● Speedometer display

Select to set the display of the speedometer to digital/analog.

● Drive information 1/Drive information 2

Select to select up to 2 items (→P.177) that will be displayed on each Drive information screen (Drive information 1 screen

and Drive information 2 screen) respectively.

● Clock

Select to switch between 24-hour display and 12-hour display.

● Pop-up display

Select to enable/disable some pop-up displays for each relevant system.

● Accent color

Select to change the accent color on the screen, such as the cursor color.

● Default settings

Select to reset the meter display settings to the default setting.

■ **Suspension of the settings display**

- Some settings cannot be changed while driving. When changing settings, park the vehicle in a safe place.
- If a warning message is displayed, operation of the settings display will be suspended.

NOTICE

■ **During setting up the display**

To prevent 12-volt battery discharge, ensure that the EV system is operating while setting up the display features.

Suggestion function

Displays suggestions to the driver in the following situations. To select a response to a displayed suggestion, use the meter control switches.

■ Suggestion to enable the power back door

If the power back door system is disabled on  of the multi-information display (→P.176) and the power back door switch on the instrument panel is operated, a suggestion message will be displayed asking if you wish to enable the power back door system. To enable the power back door system, select "Yes".

After enabling the power back door system, press the power back door switch again to open or close the power back door.

■ Suggestion to turn on the headlights

If the headlight switch is in other than  or AUTO position, and the vehicle speed is 5 km/h (3 mph) or higher for a certain amount of time when the surroundings are dark, a suggestion message will be displayed.

■ Suggestion to turn off the headlights

If the headlights are left on for a certain amount of time with the headlight switch in AUTO after the power switch has been turned off, a suggestion message will be displayed asking if you wish to turn the headlights off.

To turn the headlights off, select "Yes".

If a front door is opened after the power switch is turned off, this suggestion message will not be displayed.

■ **Suggestion to close the power windows (linked to windshield wiper operation)**

If the windshield wipers are operated with a power window open, a suggestion message will be displayed asking if you wish to close the power windows.

To close all of the power windows, select "Yes".

■ **Customization**

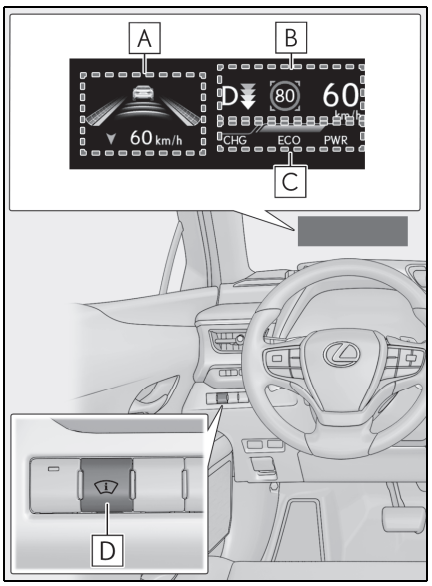
Some functions can be customized. (→P.556)

Head-up display*

*: If equipped

The head-up display projects a variety of driving-related information and the operating state of the driving support systems on the windshield.

System components



Illustrations used in this text are intended as examples, and may differ from the image that is actually displayed by the head-up display.

A Driving support system display area (→P.182)

Navigation system-linked display area (if equipped)

Displays the following items which are linked to the navigation system:

- Route guidance to destination

- Street name
- Compass (heading-up display)

B Driving information display area

Displays the following items:

- Speedometer
- Shift position/regenerative braking power (→P.300)
- RSA (Road Sign Assist) (→P.351)

C EV System Indicator (→P.184)

D Head-up display switch

Head-up display will operate when

The power switch is in ON.

When using the head-up display

The head-up display may seem dark or hard to see when viewed through sunglasses, especially polarized sunglasses. Adjust the brightness of the head-up display or remove your sunglasses.

Street name display

Only street names which are included in the map data will be displayed.

Outside temperature display

- In the following situations, the outside temperature is displayed.
  - When the ambient temperature is approximately 3°C (37°F) or lower (In this case, the outside temperature display will be displayed and the low outside temperature indicator will flash for approximately 10 seconds.)
  - After the opening image (→P.176) is displayed (The outside temperature display will be displayed for approximately 10 seconds.)
- In the following situations, the correct outside temperature may not be displayed, or the display may take longer than normal to change:
  - When stopped, or driving at low speeds (less than 20 km/h [12 mph])
  - When the outside temperature has changed suddenly (at the entrance/exit of a garage, tunnel, etc.)
- When "--" or "E" is displayed, the system may be malfunctioning. Take your vehicle to any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

WARNING

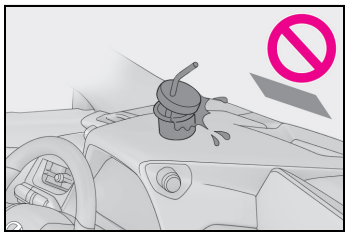
When using the head-up display

- Check that the position and brightness of the head-up display image does not interfere with safe driving. Incorrect adjustment of the image's position or brightness may obstruct the driver's view and lead to an accident, resulting in death or serious injury.
- Do not continuously look at the head-up display while driving as you may fail to see pedestrians, objects on the road, etc. ahead of the vehicle.

NOTICE

Head-up display projector

- Do not place any drinks near the head-up display projector. If the projector gets wet, electrical malfunctions may result.

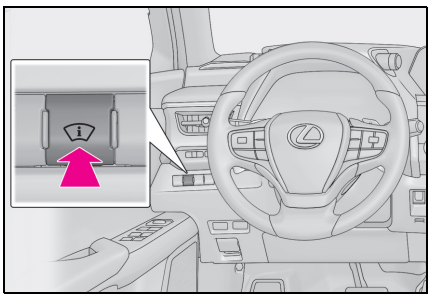


- Do not place anything on or put stickers onto the head-up display projector. Doing so could interrupt head-up display indications.
- Do not touch the inside of the head-up display projector or thrust sharp edges or the like into the projector. Doing so could cause mechanical malfunctions.

Using the head-up display

■ Enabling/disabling the head-up display

Press the head-up display switch.



■ Changing settings of the head-up display

The following settings can be changed on ⚙ of the multi-information display. (→P.176)

● Brightness and vertical position of the head-up display

Select to adjust the brightness or vertical position of the head-up display.

● EV System Indicator*

Select to display the EV System Indicator or no content.

*: To set this item, select ⚙ on the multi-information display, select "Vehicle Settings" and select "HUD".

● Display content*1

Select to enable/disable the following items:

- Route guidance to destination/street name
- Driving support system display*2
- Compass (heading-up display)
- Audio system operation status

*1: To set this item, select ⚙ on the multi-information display, select "Vehicle Settings" and select "HUD".

*2: Make sure to enable this display when using the driving support systems

● Display angle*

Select to adjust the angle of the head-up display.

*: To set this item, select ⚙ on the multi-information display, select "Vehicle Settings" and select "HUD".

■ Enabling/disabling of the head-up display

If the head-up display is disabled, it will remain disabled when the power switch is turned off then back to ON.

■ Display brightness

The brightness of the head-up display can be adjusted on ⚙ of the multi-information display. Also, it is automatically adjusted according to the ambient brightness.

■ When the 12-volt battery is disconnected

The customize settings of the head-up display will be reset.

> ⚠ NOTICE
>
> **■ When changing the settings of the head-up display**
>
> To prevent 12-volt battery discharge, ensure that the EV system is operating while changing the settings of the head-up display.

Driving support system display area

Displays the operational status of the

following systems:

- LTA (Lane Tracing Assist) (→P.342)
- Dynamic radar cruise control with full-speed range (→P.355)

Details of content displayed on the head-up display may differ from that displayed on the multi-information display. For details, refer to the explanation of each system.

Pop-up display

Pop-up displays for the following systems will be displayed when necessary.

■ Driving support systems

Displays a warning/suggestion/advice message or the operating state of a relevant system.

- PCS (Pre-Collision System) (→P.335)
- Lexus parking assist-sensor (if equipped) (→P.378)
- Parking Support Brake function (static objects) (if equipped) (→P.393)
- Brake Override System (→P.285)
- Drive-Start Control (→P.285)

Details of content displayed on the head-up display may differ from that displayed on the multi-information display. For details, refer to the explanation of each system.

■ ⚠/ⓘ icons

These icons are linked to the multi-information display

⚠: Master warning icon

Displayed when a warning message is displayed on the multi-information display. (→P.522)

ⓘ: Information icon

Displayed when a suggestion pop-up display (→P.179) or advice pop-up display is displayed on the multi-information display.

■ Warning message

Some warning messages are displayed when necessary, according to certain conditions.

Details of content displayed on the head-up display may differ from that displayed on the multi-information display.

■ Audio system operation status

Displayed when an audio remote control switch on the steering wheel is operated.

■ Hands-free system status

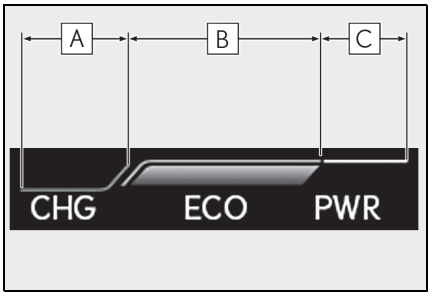
Displayed when the hands-free system is operated.

■ When a pop-up display is displayed

When a pop-up display is displayed, a current display may no longer be displayed. In this case, the display will return after the pop-up display disappears.

EV System Indicator

■ EV System Indicator



A Charge area

B Eco area

C Power area

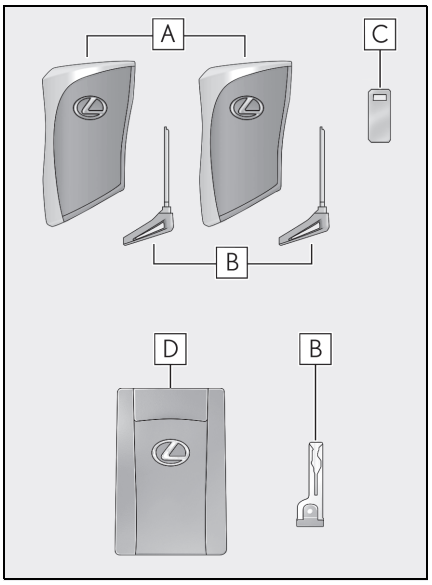
Displayed content is the same as that displayed on the meter (EV System Indicator). For details, refer to P.174.

4-1. Key information
Keys 186
4-2. Opening, closing and locking the doors
Side doors 190
Back door 194
Smart entry & start system 207
4-3. Adjusting the seats
Front seats 269
Rear seats 270
Head restraints 271
4-4. Adjusting the steering wheel and mirrors
Steering wheel 273
Inside rear view mirror 274
Outside rear view mirrors 275
4-5. Opening, closing the windows and moon roof
Power windows 278
Moon roof 280

Keys

Key types

The following keys are provided with the vehicle.



A Electronic keys
- Operating the smart entry & start system (if equipped) (→P.207)
- Operating the wireless remote control function
- Operating the Remote Air Conditioning System (→P.429)

B Mechanical keys

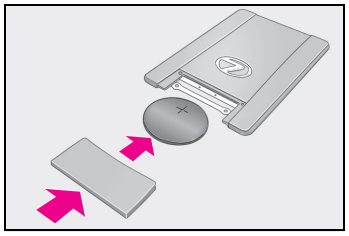
C Key number plate

D Card key (electronic key) (if equipped)

Operating the smart entry & start system (→P.207)

Card key (if equipped)

- The mechanical key that is stored inside the card key should be used only if a problem arises, such as when the card key does not operate properly.
- If the battery cover is not installed and the battery falls out or if the battery was removed because the key got wet, reinstall the battery with the positive terminal facing the Lexus emblem.



- The card key is not waterproof.

When riding in an aircraft

When bringing an electronic key onto an aircraft, make sure you do not press any buttons on the electronic key while inside the aircraft cabin. If you are carrying an electronic key in your bag, etc., ensure that the buttons are not likely to be pressed accidentally. Pressing a button may cause the electronic key to emit radio waves that could interfere with the operation of the aircraft.

Electronic key battery depletion

- The standard battery life is 1 to 2 years. (The card key battery life is from one year to one year and a half.)
- If the battery becomes low, an alarm will sound in the cabin when the EV system stops.
- To reduce key battery depletion when the electronic key is to not be used for long periods of time, set the electronic key to the battery-saving mode. (→P.208)
- As the electronic key always receives radio waves, the battery will become depleted even if the electronic key is not used. The following symptoms indicate

that the electronic key battery may be depleted. Replace the battery when necessary. (→P.496)
- The smart entry & start system or the wireless remote control does not operate.
- The detection area becomes smaller.
- The LED indicator on the key surface does not turn on.

You can replace the battery by yourself (→P.496). However, as there is a danger that the electronic key may be damaged, it is recommended that replacement be carried out by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- To avoid serious deterioration, do not leave the electronic key within 1 m (3 ft.) of the following electrical appliances that produce a magnetic field:
  - TVs
  - Personal computers
  - Cellular phones, cordless phones and battery chargers
  - Recharging cellular phones or cordless phones
  - Table lamps
  - Induction cookers

■ Replacing the battery

→P.496

■ Confirmation of the registered key number

The number of keys already registered to the vehicle can be confirmed. Ask any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for details.

■ If "A New Key has been Registered Contact Your Dealer for Details" is shown on the multi-information display

This message will be displayed each time the driver's door is opened when the doors are unlocked from the outside for approximately 10 days after a new electronic key has been registered.

If this message is displayed but you have not had a new electronic key registered, ask any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer to check if an unknown electronic key (other than those in your possession) has been registered.

NOTICE

■ To prevent key damage

- Do not drop the keys, subject them to strong shocks or bend them.
- Do not expose the keys to high temperatures for long periods of time.
- Do not get the keys wet or wash them in an ultrasonic washer, etc.
- Do not attach metallic or magnetic materials to the keys or place the keys close to such materials.
- Do not disassemble the keys.
- Do not attach a sticker or anything else to the surface of the electronic key.
- Do not place the keys near objects that produce magnetic fields, such as TVs, audio systems and induction cookers, or medical electrical equipment, such as low-frequency therapy equipment.

■ Carrying the electronic key on your person

Carry the electronic key 10 cm (3.9 in.) or more away from electric appliances that are turned on. Radio waves emitted from electric appliances within 10 cm (3.9 in.) of the electronic key may interfere with the key, causing the key to not function properly.

■ In case of a smart entry & start system malfunction or other key-related problems

→P.539

■ When an electronic key is lost

→P.538

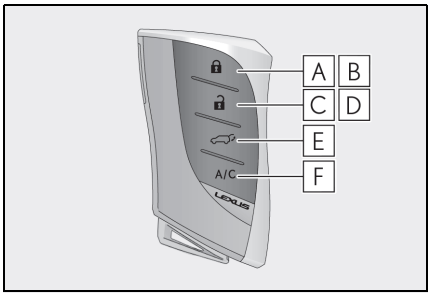
NOTICE

■ Handling the card key

- If the battery or card key terminals get wet, the battery may corrode and the card key may stop working.
  If the key is dropped into water, or if drinking water, etc., is spilled on the key, immediately remove the battery cover and wipe the battery and terminals. (To remove the battery cover, lightly grasp and pull it.) If the battery is corroded, have any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer replace the battery.
- Do not crush the battery cover or use a screwdriver to remove the battery cover.
  Forcibly removing the battery cover may bend or damage the key.
- If the battery cover is frequently removed, the battery cover may become loose.
- When installing the battery, make sure to check the direction of the battery. Installing the battery in the wrong direction may cause the battery to deplete rapidly.
- The surface of the card key may be damaged, or its coating may peel off in the following situations:
  - The card key is carried together with hard objects, such as coins and keys.
  - The card key is scraped with a sharp object, such as the tip of a mechanical pencil.
  - The surface of the card key is wiped with thinner or benzene.

Wireless remote control

The electronic keys are equipped with the following wireless remote control:



A Locks all the doors (→P.190)

B Closes the windows and moon roof*1, 2 (→P.190)

C Unlocks all the doors (→P.190)

D Opens the windows and moon roof*1, 2 (→P.190)

E Opens and closes the power back door*1 (→P.197)

F Operates Remote Air Conditioning System (→P.429)

*1: If equipped

*2: These settings must be customized at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

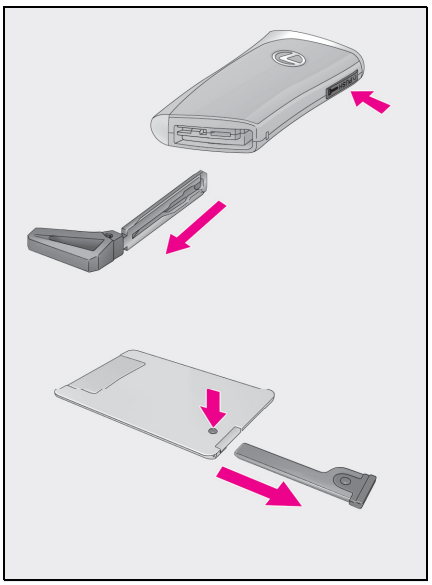
Using the mechanical key

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

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 entry function does not operate properly, you will need the mechanical key. (→P.539)



When required to leave the vehicle's key with a parking attendant

Lock the glove box as circumstances demand. (→P.439)
Remove the mechanical key for your own use and provide the attendant with the electronic key only.

If you lose your mechanical keys

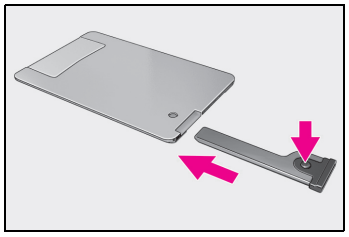
→P.538

If a wrong key is used

The key cylinder rotates freely to isolate inside mechanism.

Card key (if equipped)

- If it is difficult to take out the mechanical key, push down the release button using a pen tip, etc. If it is still difficult to pull it out, use a coin, etc.
- To store the mechanical key in the card key, insert it while pressing the release button.



NOTICE

Handling the card key

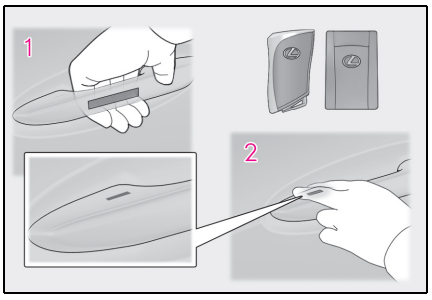
Do not apply excess force when inserting the mechanical key into the card key. Doing so may damage the card key.

Side doors

Unlocking and locking the doors from the outside

■ Smart entry & start system (vehicles with entry function)

Carry the electronic key to enable this function.



1 Grip the front door handle to unlock the doors.*

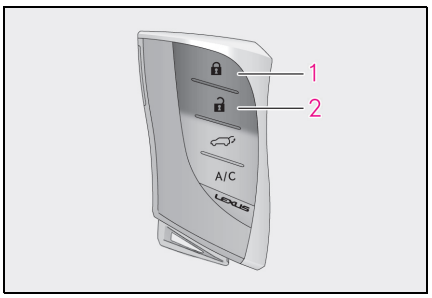
Make sure to touch the sensor on the back of the handle.
The doors cannot be unlocked for 3 seconds after the doors are locked.

*: The door unlock settings can be changed.

2 Touch the lock sensor (the indentation on the upper part of the front door handle) to lock all the doors.

Check that the door is securely locked.

■ Wireless remote control



1 Locks all the doors

Check that the door is securely locked.
Press and hold to close the windows and moon roof.*1, 2

2 Unlocks all the doors

Press and hold to open the windows and moon roof.*1, 2

*1: If equipped

*2: These settings must be customized at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ Switching the door unlock function (vehicles with entry function)

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

1 Turn the power switch off.

2 Cancel the intrusion sensor and tilt sensor of the alarm system to prevent unintended triggering of the alarm while changing the settings. (if equipped) (→P.88)

3 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 **3**.)

Multi-information display/Beep	Unlocking function
 (Left-hand drive vehicles)	Holding the driver's door handle unlocks only the driver's door.
 (Right-hand drive vehicles) Exterior: Beeps 3 times Interior: Pings once	Holding the front passenger door handle unlocks all the doors.
 Exterior: Beeps twice Interior: Pings once	Holding a front door handle unlocks all the doors.

For vehicles with alarm: To prevent unintended triggering of the alarm, unlock the doors using the wireless remote control and open and close a door once after the settings have been changed. (If a door is not opened within 30 seconds after is pressed, the doors will be locked again and the alarm will automatically be set.)
In a case that the alarm is triggered, immediately stop the alarm. (→P.87)

■ Locking the front doors from the outside without a key

1. Push down the inside lock button. (→P.192)
2. Close the door while pulling the door handle.

The door cannot be locked if the power switch is in ACC or ON, or the electronic key is left inside the vehicle.

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

■ Impact detection door lock release system

In the event that the vehicle is subject to a strong impact, all the doors are unlocked. Depending on the force of the impact or the type of accident, however, the system may not operate.

■ Operation signals

The emergency flashers flash to indicate that the doors have been locked/unlocked. (Locked: once; Unlocked: twice)

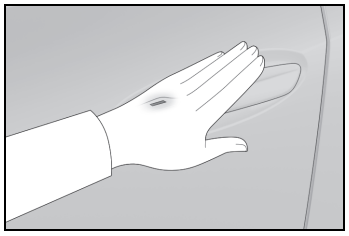
A buzzer sounds to indicate that the windows are operating.

■ Security feature

If a door is not opened within approximately 30 seconds after the vehicle is unlocked, the security feature automatically locks the vehicle again.

■ When the door cannot be locked by the lock sensor on the upper part of the door handle (vehicles with entry function)

When the door cannot be locked even if the lock sensor on the upper part of the door handle is touched by a finger, touch the lock sensor with the palm.
When gloves are being worn, remove the gloves.



■ Open door warning buzzer

If an attempt to lock the doors is made when a door is not fully closed, a buzzer sounds continuously for 5 seconds. Fully close the door to stop the buzzer, and lock the vehicle once more.

■ Setting the alarm (if equipped)

Locking the doors will set the alarm system.

(→P.87)

■ **Conditions affecting the operation of the smart entry & start system or wireless remote control**

→P.208

■ **If the smart entry & start system or the wireless remote control does not operate properly**

- Use the mechanical key to lock and unlock the doors. (→P.539)
- Replace the key battery with a new one if it is depleted. (→P.496)

■ **If the 12-volt battery is discharged**

The doors cannot be locked and unlocked using the smart entry & start system or wireless remote control. Lock or unlock the doors using the mechanical key. (→P.539)

■ **Customization**

Settings (e.g. unlocking function using a key) can be changed. (Customizable features:→P.558)

WARNING

■ **To prevent an accident**

Observe the following precautions while driving the vehicle.
Failure to do so may result in a door opening and an occupant falling out, resulting in death or serious injury.

- Ensure that all doors are properly closed and locked.
- Do not pull the inside handle of the doors while driving.
  Be especially careful for the front doors, as the doors may be opened even if the inside lock buttons are in locked position.
- Set the rear door child-protector locks when children are seated in the rear seats.

■ **When opening or closing a door**

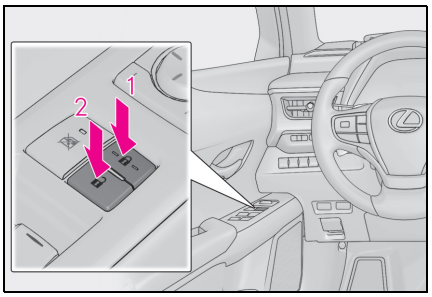
Check the surroundings of the vehicle such as whether the vehicle is on an incline, whether there is enough space for a door to open and whether a strong wind is blowing. When opening or closing the door, hold the door handle tightly to prepare for any unpredictable movement.

■ **When using the wireless remote control and operating the power windows or moon roof (if equipped)**

Operate the power window or moon roof after checking to make sure that there is no possibility of any passenger having any of their body parts caught in the window or moon roof. Also, do not allow children to operate the wireless remote control. It is possible for children and other passengers to get caught in the power window or moon roof.

Unlocking and locking the doors from the inside

■ **Door lock switches (to lock/unlock)**

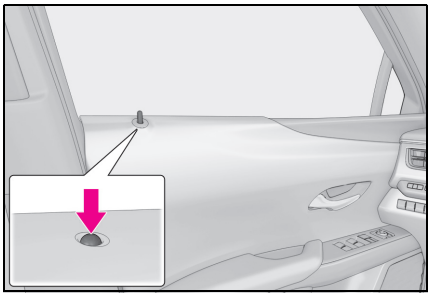


1 Locks all the doors

2 Unlocks all the doors

■ **Inside lock buttons (to lock)**

Push down the inside lock button to lock the door.



Inside door handles (to unlock)

▶ For the front doors

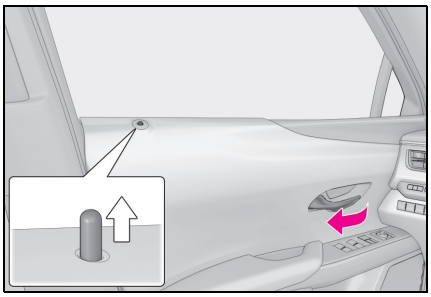
Pull the handle to unlock and open the door.

When the door is unlocked, the inside lock button will pop up.

▶ For the rear doors

Pull the handle to unlock the door. Pull the handle a second time to open the door.

When the door is unlocked, the inside lock button will pop up.

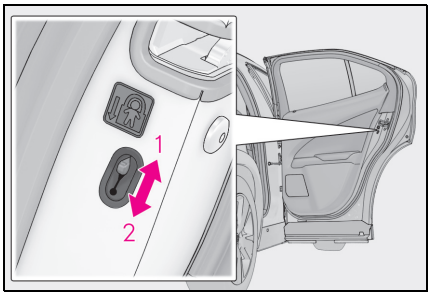


If a symbol indicating one or more doors are open is shown on the multi-information display

The hood or one or more of the doors are not fully closed. The system also indicates which doors are not fully closed. If the vehicle reaches a speed of 5 km/h (3 mph), a buzzer sounds to indicate that the door(s) are not yet fully closed. Make sure that the hood and all the doors are closed.

Rear door 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.

Automatic door locking and unlocking systems

The following functions can be set or canceled:

For instructions on customizing, refer to P.558.

Function	Operation
Speed linked door locking function	All doors are automatically locked when vehicle speed is approximately 20 km/h (12 mph) or higher.
Shift position linked door locking function	All doors are automatically locked when the shift position is shifted to a position other than P.
Shift position linked door unlocking function	All doors are automatically unlocked when shift position is shifted to P.
Driver's door linked door unlocking function	All doors are automatically unlocked when driver's door is opened within approximately 45 seconds after turning the power switch off.

Back door

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

WARNING

■ Before driving the vehicle

Make sure that the back door is fully closed. If the back door is not fully closed, it may open unexpectedly while driving, causing an accident.

■ Caution while driving

- Keep the back door closed while driving.
  If the back door is left open, it may hit nearby objects while driving or luggage may be unexpectedly thrown out, causing an accident.
- Never let anyone sit in the luggage compartment. In the event of sudden braking, sudden swerving or a collision, they are susceptible to death or serious injury.

■ When children are in the vehicle

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

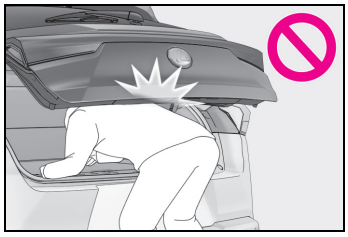
- Do not allow children to play in the luggage compartment.
  If a child is accidentally locked in the luggage compartment, they could have heat exhaustion or other injuries.
- Do not allow a child to open or close the back door.
  Doing so may cause the back door to move unexpectedly, or cause the child's hands, arms, head, or neck to be caught by the closing back door.

WARNING

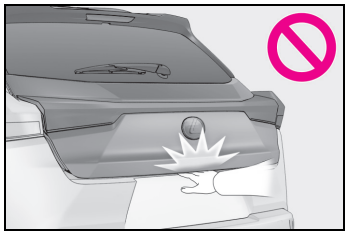
■ Operating the back door

Observe the following precautions. Failure to do so may cause parts of the body to be caught, resulting in death or serious injury.

- Remove any heavy loads, such as snow and ice, from the back door before opening it. Failure to do so may cause the back door to suddenly shut again after it is opened.
- When opening or closing the back door, thoroughly check to make sure the surrounding area is safe.
- If anyone is in the vicinity, make sure they are safe and let them know that the back door is about to open or close.
- Use caution when opening or closing the back door in windy weather as it may move abruptly in strong wind.
- Vehicles without power back door: The back door may suddenly shut if it is not opened fully. It is more difficult to open or close the back door on an incline than on a level surface, so beware of the back door unexpectedly opening or closing by itself. Make sure that the back door is fully open and secure before using the luggage compartment.



- Vehicles with power back door: The back door may suddenly shut if it is not opened fully, while on a steep incline. Make sure that the back door is secured before using the luggage compartment.
- When closing the back door, take extra care to prevent your fingers, etc., from being caught.



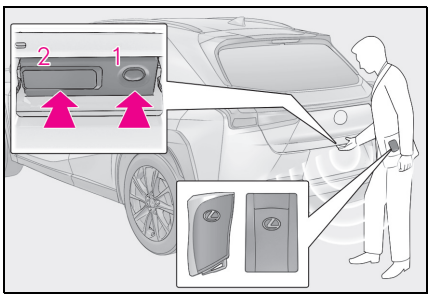
- When closing the back door, make sure to press it lightly on its outer surface. If the back door handle is used to fully close the back door, it may result in hands or arms being caught.
- Do not pull on the back door damper stay (vehicles without power back door) (→P.197) or back door spindle (vehicles with power back door) (→P.204) to close the back door, and do not hang on the back door damper stay (vehicles without power back door) or back door spindle (vehicles with power back door). Doing so may cause hands to be caught or the back door damper stay (vehicles without power back door) or back door spindle (vehicles with power back door) to break, causing an accident.
- If a bicycle carrier or similar heavy object is attached to the back door, it may suddenly shut again after being opened, causing someone's hands, arms, head or neck to be caught and injured. When installing an accessory part to the back door, using a genuine Lexus part is recommended.

Unlocking and locking the back door from the outside

■ Smart entry & start system (vehicles with entry function)

Carry the electronic key to enable this

function.



1 Locks all the doors

Check that the door is securely locked.

2 Unlocks all the doors

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

■ **Wireless remote control**

→P.190

Unlocking and locking the back door from the inside

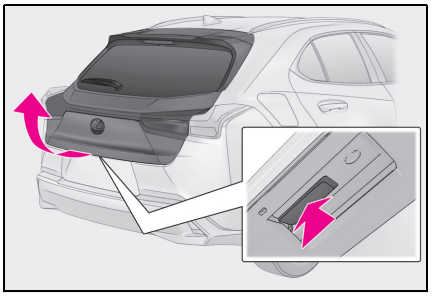
■ **Door lock switch**

→P.192

Opening/closing the back door (vehicles without power back door)

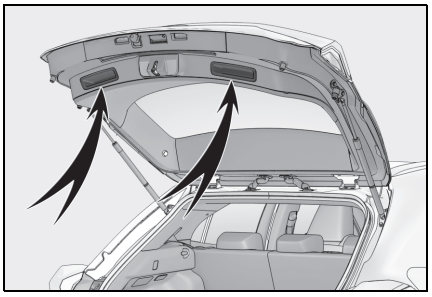
■ **Open**

Raise the back door while pressing up the back door opener switch.



■ **Close**

Lower the back door using the back door handle, and make sure to push the back door down from the outside to close it.



■ **Luggage compartment light**

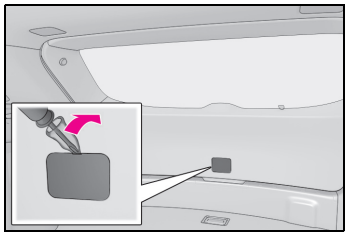
- The luggage compartment light turns on when the back door is opened.
- If the luggage compartment light is left on when the power switch is turned off, the light will go off automatically after 20 minutes.

■ **If the back door opener is inoperative**

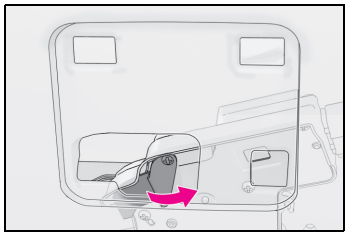
The back door can be unlocked from the inside.

1 Remove the cover.

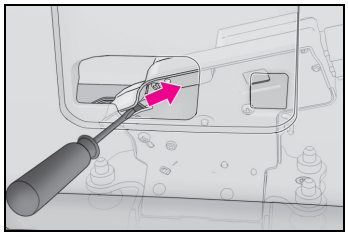
To protect the cover, place a rag between the flathead screwdriver and the cover as shown in the illustration.



2 Loose the screw and move the cover.



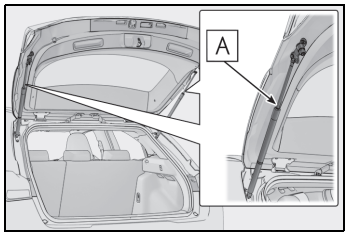
3 Move the lever.



NOTICE

■ **Back door damper stays**

The back door is equipped with damper stays A that hold the back door in place.
Observe the following precautions. Failure to do so may cause damage to the back door damper stay A, resulting in malfunction.



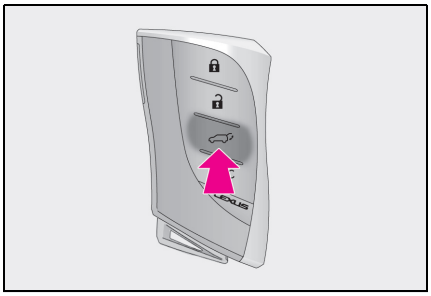
- Do not attach any foreign objects, such as stickers, plastic sheets, or adhesives to the damper stay rod.
- Do not touch the damper stay rod with gloves or other fabric items.
- Do not attach any accessories other than genuine Lexus parts to the back door.
- Do not place your hand on the damper stay or apply lateral forces to it.

Opening/closing the back door (vehicles with power back door)

■ Opening/closing the back door using the wireless remote control

Press the switch for 1 second.

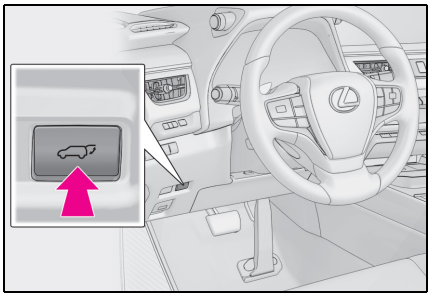
The power back door can be operated only when the back door is unlocked.



Opening/closing the back door from the inside

Press the switch for 1 second.

A buzzer sounds and the back door automatically opens and closes.
Pressing the switch while the back door is opening/closing stops the operation.
When the switch is pressed again for 1 second during the halted operation, the back door will perform the reverse operation.

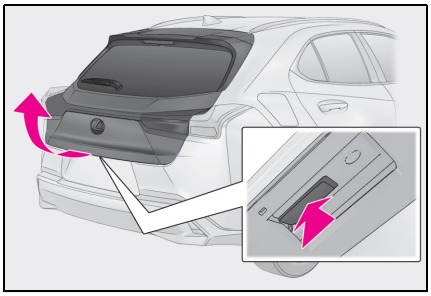


Opening/closing the back door from the outside

- Open

When the back door is unlocked: Press the back door opener switch.
When the back door is locked: While carrying the electronic key on your person, press the back door opener switch.

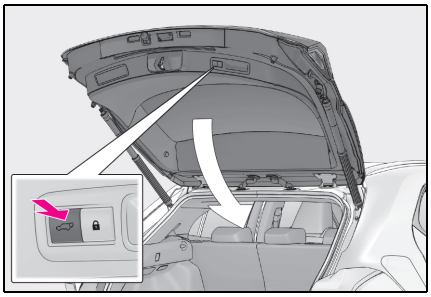
A buzzer sounds and the back door automatically opens.
Pressing the switch while the back door is opening stops the operation.



- Close

Press the switch.

A buzzer sounds and the back door automatically closes.
Pressing the switch while the back door is closing stops the operation.
Pressing the switch again will open the back door automatically.



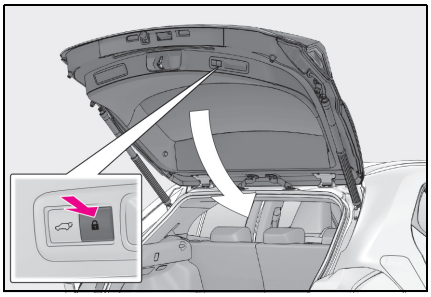
- Close the back door and lock all doors (close & lock function)

Press the switch.

A different buzzer than the normal one will sound and the power back door will begin closing automatically. When the power back door is closed, all of the doors will lock simultaneously and operation signals will indicate that all of the doors have been locked.

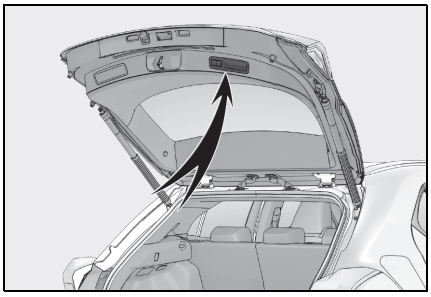
If the switch is pressed while the power back door is closing, the operation will stop.

Pressing the switch again will close the power back door automatically.



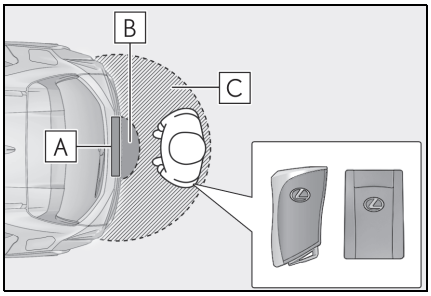
■ Closing the back door using the back door handle

Lower the back door using the back door handle, then a buzzer sounds and the back door automatically closes.



■ Hands Free Power Back Door (if equipped)

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



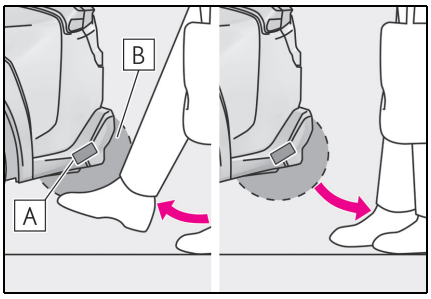
A Kick sensor

B Hands Free Power Back Door operation detection area

C Smart entry & start system operation detection area (→P.207)

2 Perform a kick operation by moving your foot to within approximately 10 cm (3.9 in.) of the rear bumper and then pulling it back.

- 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.



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 back door will automatically fully open/close.

If a foot is moved under the rear bumper while the back door is operating, the back door will stop moving.

■ **Luggage compartment light**

- The luggage compartment light turns on when the back door is opened.
- If the luggage compartment light is left on when the power switch is turned off, the light will go off automatically after 20 minutes.

■ **Power back door operating conditions**

With the power back door operations set to ON, it can automatically open and close for the following conditions:

- The power back door is unlocked. However, the power back door will operate if it is locked, in the following situations:
  - When an electronic key is being carried and the back door opener switch is pressed
  - When opening of the power back door using the wireless remote control when it is locked is enabled by a customized setting.
- When the power switch is in ON during opening operations, the back door unlocks and operates for any of the following conditions:
  - Parking brake is engaged
  - The brake pedal is depressed
  - The shift position is in P

■ **Hands Free Power Back Door (if equipped) operating conditions**

- When the Hands Free Power Back Door (kick sensor) operation setting is turned on
- When an electronic key is carried within the operation range

■ **Back door closer**

In the event that the back door is left slightly open, the back door closer will automatically close it to the fully closed position. Whatever the state of the power switch, the back door closer operates.

■ **Operation of the power back door**

- A buzzer sounds to indicate that the back door is opening/closing.
- When the power back door operations are OFF, the power back door does not operate but it can be opened and closed by hand.
- When the power back door automatically opens, if an abnormality due to people or objects is detected, operation will stop.

■ **Back door reserve lock function**

This function reserves locking of all doors beforehand, when the power back door is open.

When the following procedure is performed, all the doors except the power back door are locked and then power back door will also be locked at the same time it is closed.

1. Close all doors, except the back door.
2. During the power back door closing operation, lock the doors using the smart entry & start system (→P.195) or the wireless remote control. (→P.188)

A buzzer sounds and the emergency flashers flash to indicate that all the doors have been closed and locked.

Before leaving the vehicle, make sure that all the doors are closed and locked. The doors may not be locked due to the jam protection function or door lock prevention function.

■ **Close & lock function**

When the power back door is open, this function closes the power back door and then locks all of the doors simultaneously.

When the following procedures are performed and there are no electronic keys for the vehicle within the vehicle, all of the doors will lock when the power back door is completely closed.

1. Close all of the doors except the power back door.
2. While carrying an electronic key, press the switch on the lower part of the power back door (→P.198).

A different buzzer than the normal one will

sound and then the power back door will begin closing automatically. When the power back door is closed, all of the doors will lock simultaneously and operation signals will indicate that all of the doors have been locked.

The double locking system will not operate at this time.

■ **Situations in which the close & lock function may not operate properly**

In the following situations, the close & lock function may not operate properly:

- If the switch on the lower part of the power back door (→P.198) is pressed by a hand which is holding an electronic key
- If the switch on the lower part of the power back door (→P.198) is pressed when the electronic key is in a bag, etc. that is placed on the ground
- If the switch on the lower part of the power back door (→P.198) is pressed with the electronic key not near the vehicle.

■ **Situations in which the Hands Free Power Back Door (if equipped) may not operate properly**

In the following situations, the Hands Free Power Back Door may not operate properly:

- When a foot remains under the rear bumper
- If the rear bumper is strongly hit with a foot or is touched for a while
  If the rear bumper has been touched for a while, wait for a short time before attempting to operate the Hands Free Power Back Door again.
- When operated while a person is too close to the rear bumper
- When an external radio wave source interferes with the communication between the electronic key and the vehicle (→P.208)
- When charging from an external power source or connecting the charging cable
- When the vehicle is parked near an electrical noise source which affects the sensitivity of the Hands Free Power Back Door, such as a pay parking spot, gas station, electrically heated road, or fluorescent light
- When the vehicle is near a TV tower, electric power plant, radio station, large display, airport or other facility that generates strong radio waves or electrical noise
- When a large amount of water is applied to the rear bumper, such as when the vehicle is being washed or in heavy rain
- When mud, snow, ice, etc. is attached to the rear bumper
- When the vehicle has been parked for a while near objects that may move and contact the rear bumper, such as plants
- When an accessory is installed to the rear bumper
  If an accessory has been installed, turn the Hands Free Power Back Door (kick sensor) operation setting off.

■ **Preventing unintentional operation of the Hands Free Power Back Door (if equipped)**

When an electronic key is in the operation range, the Hands Free Power Back Door may operate unintentionally, so be careful in the following situations.

- When a large amount of water is applied to the rear bumper, such as when the vehicle is being washed or in heavy rain
- When dirt is wiped off the rear bumper
- When a small animal or small object, such as a ball, moves under the rear bumper
- When an object is moved from under the rear bumper
- If someone is swinging their legs while sitting on the rear bumper
- If the legs or another part of someone's body contacts the rear bumper while passing by the vehicle
- When the vehicle is parked near an elec-

trical noise source which affects the sensitivity of the Hands Free Power Back Door, such as a pay parking spot, gas station, electrically heated road, or fluorescent light

- When the vehicle is near a TV tower, electric power plant, radio station, large display, airport or other facility that generates strong radio waves or electrical noise
- When the vehicle is parked in a place where objects such as plants are near the rear bumper
- If luggage, etc. is set near the rear bumper
- If accessories or a vehicle cover is installed/removed near the rear bumper
- When the vehicle is being towed

To prevent unintentional operation, turn the Hands Free Power Back Door (kick sensor) operation setting off.

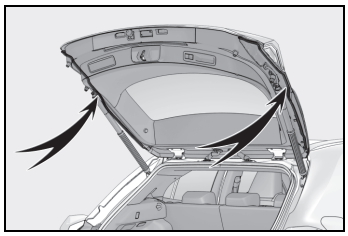
When reconnecting the 12-volt battery

To enable the power back door to operate properly, close the back door manually.

Jam protection function

Sensors are installed in the right and left sides of the power back door. When the door is automatically closing and the sensors are pushed due to an object being clamped, etc., the jam protection function operates.

From that position the door automatically moves a little in the opposite direction and then the function stops.

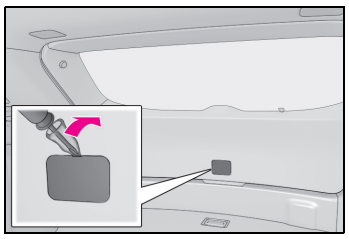


If the back door opener is inoperative

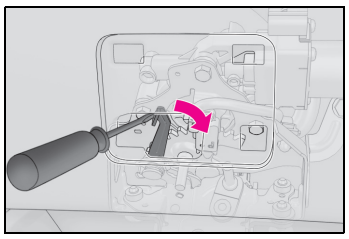
The back door can be unlocked from the inside.

1 Remove the cover.

To protect the cover, place a rag between the flathead screwdriver and the cover as shown in the illustration.



2 Move the lever.



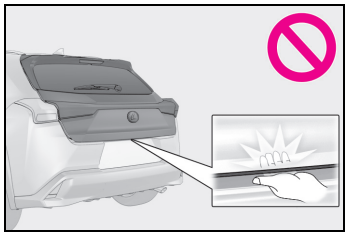
Customization

Some functions can be customized. (Customizable features: →P.558)

WARNING

Back door closer

- In the event that the back door is left slightly open, the back door closer will automatically close it to the fully closed position. It takes several seconds before the back door closer begins to operate. Be careful not to catch fingers caught or anything else in the back door, as this may cause bone fractures or other serious injuries.



WARNING

- Be careful not to catch fingers or anything else when using the back door closer as it still operates when the power back door system is canceled.

■ Power back door

Observe the following precautions when operating the power back door.
Failure to do so may cause death or serious injury.

- Check the safety of the surrounding area to make sure there are no obstacles or anything that could cause any of your belongings to get caught.
- If anyone is in the vicinity, make sure they are safe and let them know that the back door is about to open or close
- If the power back door system is disabled, while the back door is operating automatically, the automatic operation is stopped. The back door then has to be operated manually. Take extra care in this situation, as the back door may open or close suddenly.
- If the operating conditions of the power back door (→P.200) are no longer met, a buzzer may sound and the back door may stop opening or closing. The back door then has to be operated manually. Take extra care when on an incline, as the back door may open or close abruptly.
- On an incline, the back door may suddenly shut after it opens. Make sure the back door is fully open and secure.
- In the following situations, the power back door may detect an abnormality and automatic operation may be stopped. In this case, the back door has to be operated manually. Take extra care in this situation, as the back door may open or close suddenly.
  - When the back door contacts an obstacle
  - When the 12-volt battery voltage suddenly drops, such as when the power switch is turned to ON or the EV system is started during automatic operation
- If a bicycle carrier or similar heavy object is attached to the back door, the power back door may not operate, causing itself to malfunction, or the back door may suddenly shut again after being opened, causing someone's hands, arms, head or neck to be caught and injured. When installing an accessory part to the back door, ask any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for details.

■ Jam protection function

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

- Never use any part of your body to intentionally activate the jam protection function.
- The jam protection function may not work if something gets caught just before the back door fully closes. Be careful not to get fingers caught or anything else.
- The jam protection function may not work depending on the shape of the object that is caught. Be careful not to catch fingers or anything else.

WARNING

■ Hands Free Power Back Door (if equipped)

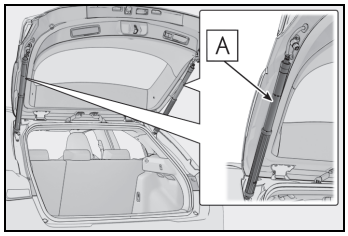
Observe the following precautions. Failure to do so may cause death or serious injury.

- Check the safety of the surrounding area to make sure there are no obstacles or anything that could cause any of your belongings to get caught.
- Do not operate the Hands Free Power Back Door if there is little space under the rear bumper.

NOTICE

■ Back door spindles

The back door is equipped with spindles A that hold the back door in place. Observe the following precautions. Failure to do so may cause damage to the back door spindle A, resulting in malfunction.



- Do not attach any foreign objects, such as stickers, plastic sheets, or adhesives to the spindle rod.
- Do not touch the spindle rod with gloves or other fabric items.
- Do not attach any accessories other than genuine Lexus parts to the power back door.
- Do not place your hand on the spindle or apply lateral forces to it.

■ To prevent back door closer malfunction

Do not apply excessive force to the back door while the back door closer is operating. Applying excessive force may cause the back door closer to malfunction.

■ To prevent damage to the power back door

- Make sure that there is no ice between the back door and frame that would prevent movement of the back door. Operating the power back door when excessive load is present on the back door may cause a malfunction.
- Do not apply excessive force to the back door while the power back door is operating.
- Take care not to damage the sensors (installed on the right and left edges of the power back door) (→P.202) with a knife or other sharp object. If the sensor is disconnected, the power back door will not close automatically.

■ Close & lock function

When closing the power back door using the close & lock function, a different buzzer than the normal one will sound before the operation begins.

To check that the operation has started correctly, check that a different buzzer than the normal one has sounded.

Additionally, when the power back door is fully closed and locked, operation signals will indicate that all of the doors have been locked.

Before leaving the vehicle, make sure that the operation signals have operated and that all of the doors are locked.

■ Hands Free Power Back Door (if equipped) precautions

Observe the following to ensure that the power back door function operates properly:

NOTICE

- Do not apply coatings that have a rain clearing (hydrophilic) effect, or other coatings, to the lower center part of the rear bumper.
- Do not subject the rear bumper to a strong impact.
  If the rear bumper has been subjected to a strong impact, the Hands Free Power Back Door may not operate properly. If the Hands Free Power Back Door does not operate in the following situations, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
  - The kick sensor or its surrounding area has been subjected to a strong impact.
  - The lower center part of the rear bumper is scratched or damaged.
- Do not disassemble the rear bumper.
- Do not attach stickers to the rear bumper.
- Do not paint the rear bumper.

Canceling the power back door system (vehicles with power back door)

The power back door system can be enabled/disabled on the multi-information display. (→P.176)

1 Press < or > of the meter control switches and select .

2 Press ∧ or ∨ of the meter control switches, select the "Vehicle Settings" and then press "OK".

3 Press ∧ or ∨ of the meter control switches, select and then press "OK".

4 Press ∧ or ∨ of the meter control switches, and then select "System Settings".

5 ON and OFF will be switched when "OK" is pressed.

If the power back door is disabled, it will remain disabled unless it is enabled on the multi-information display. (It will not be enabled even when the power switch is turned off and then back to ON.)

Canceling the Hands Free Power Back Door (vehicles with kick sensor)

The Hands Free Power Back Door (kick sensor) can be enabled/disabled on the multi-information display. (→P.176)

1 Press < or > of the meter control switches and select .

2 Press ∧ or ∨ of the meter control switches, select the "Vehicle Settings" and then press "OK".

3 Press ∧ or ∨ of the meter control switches, select and then press "OK".

4 Press ∧ or ∨ of the meter control switches, and then select "KICK SENSOR".

5 ON and OFF will be switched when "OK" is pressed.

If the Hands Free Power Back Door is disabled, it will remain disabled unless it is enabled on the multi-information display. (It will not be enabled even when the power switch is turned off and then back to ON.)

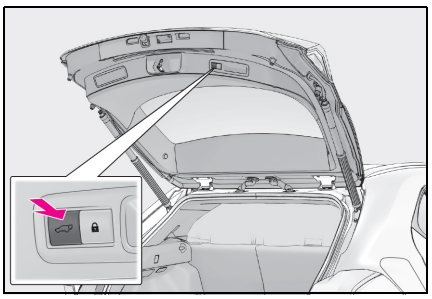
Adjusting the open position of the back door (vehicles with power back door)

The open position of the power back door can be adjusted.

1 Stop the back door in the desirable position. (→P.197)

2 Press and hold the power back door switch on the back door for 2 seconds.

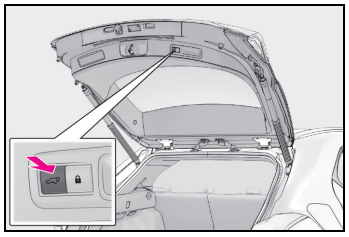
- When the settings are completed, the buzzer sounds 4 times.
- When opening the back door the next time, the back door will stop at that position.



Returning the back door automatic stop position to the initial settings

Press and hold the power back door switch on the back door for 7 seconds.

After the buzzer sounds 4 times, it sounds twice more. When the power back door does the opening operation the next time, the door will open to the initial settings position.



Customization

The opening position can be set with the navigation system or multimedia system. (→P.558)

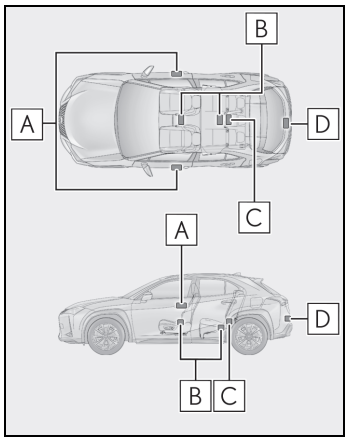
Priority for the stop position is given to the last position set by either the switch, navigation system or multimedia system.

Smart entry & start system

The following operations can be performed simply by carrying the electronic key (including the card key) on your person, for example in your pocket. The driver should always carry the electronic key.

- Locks and unlocks the doors (vehicles with entry function) (→P.190)
- Locks and unlocks the back door (vehicles with entry function) (→P.190)
- Starts the EV system (→P.292)

Antenna location



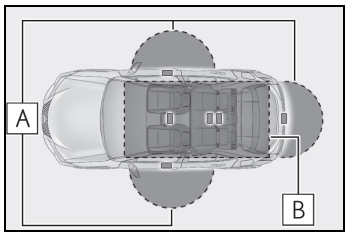
A Antennas outside the cabin (vehicles with entry function)

B Antennas inside the cabin

C Antenna inside the luggage compartment

D Antenna outside the luggage compartment (vehicles with entry function)

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



A When locking or unlocking the doors (vehicles with entry function)

The system can be operated when the electronic key is within about 0.7 m (2.3 ft.) of an outside front door handle. (Only the doors detecting the key can be operated.)

B When starting the EV system or changing power switch modes

The system can be operated when the electronic key is inside the vehicle.

If an alarm sounds or a warning message is displayed

An alarm sounds and warning messages are displayed on the multi-information display to protect against unexpected accidents or theft of the vehicle resulting from erroneous operation. When a warning message is displayed, take appropriate measures based on the displayed message. When only an alarm sounds, circumstances and correction procedures are as follows.

- When an exterior alarm sounds once for 5 seconds (vehicles with entry function)

Situation	Correction procedure
An attempt was made to lock the vehicle while a door was open.	Close all of the doors and lock the doors again.

● When an interior alarm pings repeatedly

Situation	Correction procedure
The power switch was turned to ACC while the driver's door was open (The driver's door was opened when the power switch was in ACC).	Turn the power switch off and close the driver's door.
The power switch was turned off while the driver's door was open.	Close the driver's door.

■ **If "Key Detected In Vehicle" is shown on the multi-information display**

An attempt was made to lock the doors using the smart entry & start system while the electronic key was still inside the vehicle. Retrieve the electronic key from the vehicle and lock the doors again.

■ **Battery-saving function (vehicles with entry function)**

The battery-saving function will be activated in order to prevent the electronic key battery and the 12-volt battery from being discharged while the vehicle is not in operation for a long time.

● In the following situations, the smart entry & start system may take some time to unlock the doors.
- The electronic key has been left in an area of approximately 2 m (6 ft.) of the outside of the vehicle for 10 minutes or longer.
- The smart entry & start system has not been used for 5 days or longer.

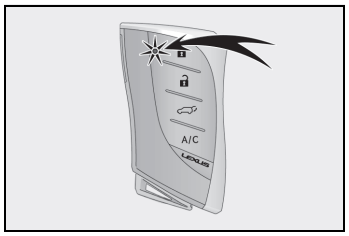
● If the smart entry & start system has not been used for 14 days or longer, the doors cannot be unlocked at any doors except the driver's door. In this case, take hold of the driver's door handle, or use the wireless remote control or the mechanical key, to unlock the doors.

■ **Turning an electronic key to battery-saving mode**

● When battery-saving mode is set, battery depletion is minimized by stopping the electronic key from receiving radio waves.

Press twice while pressing and holding .
Confirm that the electronic key indicator flashes 4 times.

While the battery-saving mode is set, the smart entry & start system cannot be used. To cancel the function, press any of the electronic key buttons.



● Electronic keys that will not be used for long periods of time can be set to the battery-saving mode in advance.

■ **Conditions affecting operation**

The smart entry & start system use weak radio waves. In the following situations, the communication between the electronic key and the vehicle may be affected, preventing the smart entry & start system, wireless remote control and immobilizer system from operating properly. (Ways of coping:→P.539)

● 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 device

● When the electronic key is in contact with, or is covered by the following metal-

lic objects
- Cards to which aluminum foil is attached
- Cigarette boxes that have aluminum foil inside
- Metallic wallets or bags
- Coins
- Hand warmers made of metal
- Media such as CDs and DVDs

● When other wireless keys (that emit radio waves) are being used nearby

● When carrying the electronic key together with the following devices that emit radio waves
- Another vehicle's electronic key or a wireless key that emits radio waves
- Personal computers or personal digital assistants (PDAs)
- Digital audio players
- Portable game systems

● If window tint with a metallic content or metallic objects are attached to the rear window

● When the electronic key is placed near a battery charger or electronic devices

● When the vehicle is parked in a pay parking spot where radio waves are emitted

■ **Note for the entry function**

● 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 on the instrument panel, luggage room, floor, or in the door pockets or glove box when the EV system is started or power switch modes are changed.

● Do not leave the electronic key on top of the instrument panel or near the door pockets when exiting the vehicle. Depending on the radio wave reception conditions, it may be detected by the antenna outside the cabin and the door will become lockable from the outside, possibly trapping the electronic key inside the vehicle.

● As long as the electronic key is within the effective range, the doors may be locked or unlocked by anyone. However, only the doors detecting the electronic key can be used to unlock the vehicle.

● Even if the electronic key is not inside the vehicle, it may be possible to start the EV system 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 30 seconds if the doors are not opened and closed.)

● 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 entry function. (Use the wireless remote control to unlock the doors.)

● Touching the door lock sensor while wearing gloves may delay or prevent lock operation. Remove the gloves and touch the lock sensor again.

● If the door handle becomes wet while the electronic key is within the effective range, the door may lock and unlock repeatedly. In that case, follow the following correction procedures to wash the vehicle:
- Place the electronic key in a location 2 m (6 ft.) or more away from the vehicle. (Take care to ensure that the key is not stolen.)
- Set the electronic key to battery-saving mode to disable the smart entry & start system. (→P.208)

● If the electronic key is inside the vehicle and a door handle becomes wet during a car wash, a buzzer may sound outside the vehicle and "Key Detected In Vehicle" may be shown on the multi-information display. To turn off the alarm, lock all the doors.

● The lock sensor may not work properly if it comes into contact with ice, snow, mud, etc. Clean the lock sensor and attempt to operate it again.

- A sudden approach to the effective range or door handle 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.
- If there is another electronic key in the detection area, it may take slightly longer to unlock the doors after the door handle is gripped.

■ **When the vehicle is not driven for extended periods**

- Vehicles with entry function: To prevent theft of the vehicle, do not leave the electronic key within 2 m (6 ft.) of the vehicle.
- The smart entry & start system can be deactivated in advance.
- Setting the electronic key to battery-saving mode helps to reduce key battery depletion. (→P.208)

■ **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 operate.)

■ **If the smart entry & start system does not operate properly**

- If the doors cannot be locked or unlocked, perform the following.
  - Bring the electronic key close to the door handle and perform a lock or unlock operation.
  - Use the wireless remote control.

If the doors cannot be locked or unlocked by perform the above, use the mechanical key. (→P.539)

However, if the mechanical key is used while the alarm system is set, the warning will sound. (→P.87)

- If the EV system cannot be started, refer to P.540

■ **Customization**

Settings (e.g. smart entry & start system) can be changed.
(Customizable features:P.559)

If the smart entry & start system has been deactivated by a customized setting, refer to the explanations for the following operations.

- Locking and unlocking the doors: Use the wireless remote control or mechanical key. (→P.190, 539)
- Starting the EV system and changing power switch modes: →P.540
- Stopping the EV system:→P.294

■ Certification for the smart entry & start system

Hereby, TOYOTA MOTOR CORPORATION declares that the radio equipment type TMLF15-1 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: http://www.tokai-rika.co.jp/pc Frequency band: 119 - 135 kHz Maximum radio-frequency power: 55dBμA/m @10m
TOYOTA MOTOR CORPORATION vakuuttaa, että radiolaitetyyppi TMLF15-1 on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: http://www.tokai-rika.co.jp/pc Radiotaajuus: 119 - 135 kHz suurin mahdollinen lähetysteho: 55dBμA/m @10m
Hierbij verklaar ik, TOYOTA MOTOR CORPORATION, dat het type radioapparatuur TMLF15-1 conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: http://www.tokai-rika.co.jp/pc Frequentieband: 119 - 135 kHz Maximaal radiofrequentievermogen: 55dBμA/m @10m

Le soussigné, TOYOTA MOTOR CORPORATION, déclare que l'équipement radioélectrique du type TMLF15-1 est conforme à la directive 2014/53/UE.

Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:
http://www.tokai-rika.co.jp/pc

Bande de fréquences: 119 - 135 kHz
Puissance de radiofréquence maximale: 55dBμA/m @10m

Härmed försäkrar TOYOTA MOTOR CORPORATION att denna typ av radioutrustning TMLF15-1 överensstämmer med direktiv 2014/53/EU.

Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:
http://www.tokai-rika.co.jp/pc

Frekvensband: 119 - 135 kHz
Maximal radiofrekvenseffekt: 55dBμA/m @10m

Hermed erklærer TOYOTA MOTOR CORPORATION, at radioudstyrstypen TMLF15-1 er i overensstemmelse med direktiv 2014/53/EU.

EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:
http://www.tokai-rika.co.jp/pc

Frekvensbånd: 119 - 135 kHz
Maksimal radiofrekvenseffekt: 55dBμA/m @10m

Hiermit erklärt TOYOTA MOTOR CORPORATION, dass der Funkanlagentyp TMLF15-1 der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: http://www.tokai-rika.co.jp/pc Frequenzband: 119 - 135 kHz Abgestrahlte maximale Sendeleistung: 55dBμA/m @10m
Με την παρούσα ο/η TOYOTA MOTOR CORPORATION, δηλώνει ότι ο ραδιοεξοπλισμός TMLF15-1 πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: http://www.tokai-rika.co.jp/pc Ζώνη συχνοτήτων: 119 - 135 kHz Μέγιστη ισχύς ραδιοσυχνότητας: 55dBμA/m @10m
Il fabbricante, TOYOTA MOTOR CORPORATION, dichiara che il tipo di apparecchiatura radio TMLF15-1 è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: http://www.tokai-rika.co.jp/pc Banda di frequenza: 119 - 135 kHz Potenza massima radiofrequenza: 55dBμA/m @10m

Por la presente, TOYOTA MOTOR CORPORATION declara que el tipo de equipo radioeléctrico TMLF15-1 es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: http://www.tokai-rika.co.jp/pc Banda de frecuencia: 119 - 135 kHz Potencia máxima de radiofrecuencia: 55dBμA/m @10m
O(a) abaixo assinado(a) TOYOTA MOTOR CORPORATION declara que o presente tipo de equipamento de rádio TMLF15-1 está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: http://www.tokai-rika.co.jp/pc Banda de frequência: 119 - 135 kHz Potência máxima de radiofrequências: 55dBμA/m @10m
B'dan, TOYOTA MOTOR CORPORATION, niddikjara li dan it-tip ta' tagħmir tar-radju TMLF15-1 huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: http://www.tokai-rika.co.jp/pc Tíðnisvið: 119 - 135 kHz Hámarks útvarpsbylgjutíðni: 55dBμA/m @10m

Käesolevaga deklareerib TOYOTA MOTOR CORPORATION, et käesolev raadioseadme tüüp TMLF15-1 vastab direktiivi 2014/53/EL nõuetele.

ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:
http://www.tokai-rika.co.jp/pc

Sagedusriba: 119 - 135 kHz
Maksimaalne saatevõimsus: 55dBμA/m @10m

TOYOTA MOTOR CORPORATION igazolja, hogy a TMLF15-1 típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.

Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:
http://www.tokai-rika.co.jp/pc

Frekvenciasáv: 119 - 135 kHz
Maximális jelerősség: 55dBμA/m @10m

TOYOTA MOTOR CORPORATION týmto vyhlasuje, že rádiové zariadenie typu TMLF15-1 je v súlade so smernicou 2014/53/EÚ.

Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:
http://www.tokai-rika.co.jp/pc

Frekvenčné pásmo: 119 - 135 kHz
Maximálny rádiofrekvenčný výkon: 55dBμA/m @10m

Tímto TOYOTA MOTOR CORPORATION prohlašuje, že typ rádiového zařízení TMLF15-1 je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: http://www.tokai-rika.co.jp/pc Kmitočtové pásmo: 119 - 135 kHz Maximální radiofrekvenční výkon: 55dBμA/m @10m
TOYOTA MOTOR CORPORATION potrjuje, da je tip radijske opreme TMLF15-1 skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: http://www.tokai-rika.co.jp/pc Frekvenčni pas: 119 - 135 kHz Največja moč radijske frekvence: 55dBμA/m @10m
Aš, TOYOTA MOTOR CORPORATION, patvirtinu, kad radijo įrenginių tipas TMLF15-1 atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: http://www.tokai-rika.co.jp/pc Dažnių juosta: 119 - 135 kHz Didžiausia radijo dažnių galia: 55dBμA/m @10m

Ar šo TOYOTA MOTOR CORPORATION deklarē, ka radioiekārta TMLF15-1 atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: http://www.tokai-rika.co.jp/pc Frekvenču josla: 119 - 135 kHz Maksimālā radiofrekvenču jauda: 55dBμA/m @10m
TOYOTA MOTOR CORPORATION niniejszym oświadcza, że typ urządzenia radiowego TMLF15-1 jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: http://www.tokai-rika.co.jp/pc Zakres częstotliwości: 119 - 135 kHz Maksymalna moc częstotliwości radiowej: 55dBμA/m @10m
TOYOTA MOTOR CORPORATION lýsir því hér með yfir að fjarskiptatækið af gerð TMLF15-1 er í samræmi við tilskipun 2014/53/EU. Öll ESB-samræmisyfirlýsingin er tiltæk á eftirfarandi vefslóð: http://www.tokai-rika.co.jp/pc Tíðnisvið: 119 - 135 kHz Hámarks útvarpsbylgjutíðni: 55dBμA/m @10m

TOYOTA MOTOR CORPORATION erklærer herved at radioutstyrtypen TMLF15-1 er i samsvar med direktivet 2014/53/EU.

Hele teksten av EU-samsvarserklæringen kan leses på det følgende nettstedet:
http://www.tokai-rika.co.jp/pc

Frekvensbånd: 119 - 135 kHz
Maksimal radiofrekvenseffekt: 55dBμA/m @10m

С настоящото TOYOTA MOTOR CORPORATION декларира, че този тип радиосъоръжение TMLF15-1 е в съответствие с Директива 2014/53/ЕС.

Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес:
http://www.tokai-rika.co.jp/pc

Радиочестотна лента: 119 - 135 kHz
Максимална радиочестотна мощност: 55dBμA/m @10m

Prin prezenta, TOYOTA MOTOR CORPORATION declară că tipul de echipamente radio TMLF15-1 este în conformitate cu Directiva 2014/53/UE.

Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:
http://www.tokai-rika.co.jp/pc

Banda de frecvență: 119 - 135 kHz
Puterea maximă de radiofrecvență: 55dBμA/m @10m

Ovime TOYOTA MOTOR CORPORATION potvrđuje da je radio-oprema tipa TMLF15-1 u skladu sa Direktivom 2014/53/EU. Potpuni tekst EU deklaracije o usaglašenosti dostupan je na slijedećoj internet adresi: http://www.tokai-rika.co.jp/pc Frekvencijski opseg: 119 - 135 kHz Maksimalna radio-frekvencijska snaga: 55dBμA/m @10m
Me anë të këtij dokumenti, TOYOTA MOTOR CORPORATION deklaron se tipi i radiopajisjes TMLF15-1 është në përputhje me Direktivën 2014/53/EU. Teksti i plotë i deklaratës së konformitetit të Bashkimit Evropian është i disponueshëm në adresën e mëposhtme të internetit: http://www.tokai-rika.co.jp/pc Brezi i frekuencës: 119 - 135 kHz Fuqia maksimale e radiofrekuencës: 55dBμA/m @10m
TOYOTA MOTOR CORPORATION ovime izjavljuje da je radijska oprema tipa TMLF15-1 u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: http://www.tokai-rika.co.jp/pc Frekvencijski pojas: 119 - 135 kHz Maksimalna RF snaga: 55dBμA/m @10m

Ovim TOYOTA MOTOR CORPORATION potvrđuje da je radio-oprema tipa TMLF15-1 u skladu sa Direktivom 2014/53/EU.

Potpuni tekst EU deklaracije o usaglašenosti dostupan je na sledećoj internet adresi:
http://www.tokai-rika.co.jp/pc

Frekventni opseg: 119 - 135 kHz
Maksimalna radio-frekventna snaga: 55dBμA/m @10m

TOYOTA MOTOR CORPORATION, işbu belgeyle telsiz cihazı türünün TMLF15-1 2014/53/EU nolu Direktif ile uyumlu olduğunu beyan etmektedir.

AB uygunluk beyanının tam metnine aşağıdaki internet adresinden ulaşabilirsiniz:
http://www.tokai-rika.co.jp/pc

Frekans bandı: 119 - 135 kHz
Maksimum radyo frekans gücü: 55dBμA/m @10m

CE

Address: 1, Toyota-cho,Toyota,Aichi,471-8572,Japan

Receiver:	Model: 23ABB	
Transmitter:	Model: 14CCM	
	Operation frequency:	433.58/434.42 MHz
	Maximum output power(ERP):	0.01 mW
Manufacturer:	DENSO CORPORATION	
Address:	1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661 Japan	

Hereby, DENSO CORPORATION declares that the radio equipment type is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: https://www.denso.com/global/en/contact-us/doc/
DENSO CORPORATION vakuuttaa, että radiolaitetyyppi on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: https://www.denso.com/global/en/contact-us/doc/
Hierbij verklaar ik, DENSO CORPORATION, dat het type radioapparatuur conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: https://www.denso.com/global/en/contact-us/doc/
Le soussigné, DENSO CORPORATION, déclare que l'équipement radioélectrique du type est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: https://www.denso.com/global/en/contact-us/doc/
Härmed försäkrar DENSO CORPORATION att denna typ av radioutrustning överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: https://www.denso.com/global/en/contact-us/doc/
Hermed erklærer DENSO CORPORATION, at radioudstyrstypen er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: https://www.denso.com/global/en/contact-us/doc/
Hiermit erklärt DENSO CORPORATION, dass der Funkanlagentyp der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: https://www.denso.com/global/en/contact-us/doc/

Με την παρούσα ο/η DENSO CORPORATION, δηλώνει ότι ο ραδιοεξοπλισμός πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: https://www.denso.com/global/en/contact-us/doc/
Il fabbricante, DENSO CORPORATION, dichiara che il tipo di apparecchiatura radio è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: https://www.denso.com/global/en/contact-us/doc/
Por la presente, DENSO CORPORATION declara que el tipo de equipo radioeléctrico es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: https://www.denso.com/global/en/contact-us/doc/
O(a) abaixo assinado(a) DENSO CORPORATION declara que o presente tipo de equipamento de rádio está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: https://www.denso.com/global/en/contact-us/doc/
B'dan, DENSO CORPORATION, niddikjara li dan it-tip ta' tagħmir tar-radju huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: https://www.denso.com/global/en/contact-us/doc/
Käesolevaga deklareerib DENSO CORPORATION, et käesolev raadioseadme tüüp vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: https://www.denso.com/global/en/contact-us/doc/
DENSO CORPORATION igazolja, hogy a típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: https://www.denso.com/global/en/contact-us/doc/

DENSO CORPORATION týmto vyhlasuje, že rádiové zariadenie typu je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: https://www.denso.com/global/en/contact-us/doc/
Tímto DENSO CORPORATION prohlašuje, že typ rádiového zařízení je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: https://www.denso.com/global/en/contact-us/doc/
DENSO CORPORATION potrjuje, da je tip radijske opreme skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: https://www.denso.com/global/en/contact-us/doc/
Aš, DENSO CORPORATION, patvirtinu, kad radijo įrenginių tipas atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: https://www.denso.com/global/en/contact-us/doc/
Ar šo DENSO CORPORATION deklarē, ka radioiekārta atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: https://www.denso.com/global/en/contact-us/doc/
DENSO CORPORATION niniejszym oświadcza, że typ urządzenia radiowego jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: https://www.denso.com/global/en/contact-us/doc/
Hér með lýsir DENSO CORPORATION yfir því að er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU. Samræmisyfirlýsing er einnig aðgengileg á eftirfarandi vefslóð: https://www.denso.com/global/en/contact-us/doc/

DENSO CORPORATION erklærer at er i overensstemmelse med direktiv 2014/53/EU. Samsvarserklæringen i fulltekst er tilgjengelig på følgende internettadresse: https://www.denso.com/global/en/contact-us/doc/
С настоящото DENSO CORPORATION декларира, че този тип радиосъоръжение е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: https://www.denso.com/global/en/contact-us/doc/
Prin prezenta, DENSO CORPORATION declară că tipul de echipamente radio este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: https://www.denso.com/global/en/contact-us/doc/
DENSO CORPORATION ovime izjavljuje da je radijska oprema tipa u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: https://www.denso.com/global/en/contact-us/doc/
Овиме, DENSO CORPORATION изјављује да је радио опрема тип усаглашена са Директивом 2014/53/EU. Цео текст ЕУ декларације о усаглашености доступам је на следећој интернет адреси: https://www.denso.com/global/en/contact-us/doc/
Amb aquest document, DENSO CORPORATION declara que el tipus d'equipament radioelèctric es conforme a la Directiva 2014/53/UE. El text complet de la declaració UE de conformitat està disponible en la següent adreça d'Internet: https://www.denso.com/global/en/contact-us/doc/
İşbu belge; DENSO CORPORATION telsiz ekipmanı tipinin 2014/53/AB sayılı Direktif'e uygun olduğunu beyan eder. AB uygunluk beyanının tam metni aşağıdaki internet adresinde mevcuttur: https://www.denso.com/global/en/contact-us/doc/

Nepermjet kesaj, DENSO CORPORATION, deklaroj qe ky 23ABB/14CCM eshte ne pajtim me kerkesat thelbesore dhe dispozitat e tjera perkatese te Direktives 1999/5/EC.

CE The latest "DECLARATION of CONFORMITY" (DoC) is available at the following address: https://www.denso.com/global/en/contact-us/doc/

⚠ This mark is a safety/warning mark.

Do not ingest battery.
Chemical Burn Hazard
This product contains a coin / button cell battery.
If the coin / button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
Keep new and used batteries away from children.
If the battery compartment does not close securely, stop using the product and keep it away from children.
If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

CAUTION
Risk of explosion if the battery is replaced by an incorrect type.
Replace battery with the same type.

CAUTION
Risk of explosion or the leakage of flammable liquid or gas.

Do not use in /store in /bring into environment of extremely high temperature or extremely low pressure due to the very high altitude.
Do not attempt to burn, crush, or cut used battery.

⚠ Tämä merkki on turvallisuus/varoitusmerkki.

Älä nielaise paristoa.
Syövyttävää!
Tuote sisältää nappipariston.
Jos nappiparisto joutuu nieluun, voi se aiheuttaa vakavia sisäisiä palovammoja kahden tunnin kuluessa ja aiheuttaa kuoleman.
Pidä uudet ja käytetyt paristot poissa lasten ulottuvilta.
Jos paristolokero ei sulkeudu kunnolla, lopeta tuotteen käyttö ja pidä se poissa lasten ulottuvilta.
Hakeudu välittömästi lääkärin hoitoon, jos epäilet, että paristoja on joutunut jonkun nieluun tai muun kehonosan sisään.

VARO
Vääräntyyppinen paristo voi räjähtää.
Vaihda aina paristo samantyyppiseen.

VARO
Räjähdyksen tai syttyvien nesteiden tai kaasujen vuodon riski.

Älä käytä/säilytä tuotetta olosuhteissa, jossa se altistuu hyvin korkealle lämpötilalle tai paineelle tai suurten korkeuksien voimakkaalle alipaineelle.
Älä yritä polttaa, murskata tai leikata käytettyjä paristoja.

⚠ Dit is een veiligheids-/waarschuwingsteken.

Slik de batterij niet in.
Gevaar voor chemische brandwonden
Dit product bevat een knoopcelbatterij.
Bij inslikken kan de knoopcelbatterij binnen slechts 2 uur ernstige inwendige brandwonden veroorzaken, wat de dood tot gevolg kan hebben.
Houd nieuwe en gebruikte batterijen buiten het bereik van kinderen.
Stop met het gebruik van het product als het batterijvak niet goed sluit en houd het product buiten het bereik van kinderen.
Raadpleeg onmiddellijk een arts als u vermoedt dat een batterij is ingeslikt of in het lichaam is gestopt.

WAARSCHUWING
Er bestaat explosiegevaar als u de batterij vervangt door de verkeerde soort batterij.
Vervang de batterij door dezelfde soort batterij.

WAARSCHUWING
Explosiegevaar of gevaar voor lekken van brandbare vloeistof of brandbaar gas.

Niet gebruiken in/bewaren in/brengen naar een omgeving met extreem hoge temperatuur of extreem lage druk door zeer grote hoogte.
Verbrand en verpletter de gebruikte batterij niet en snijd deze niet open.

⚠ Ce marquage est un marquage de sécurité/d'avertissement.

Ne pas ingérer la pile.
Risque de brûlure chimique
Ce produit contient une pile bouton.
Si la pile bouton est avalée, elle peut provoquer de graves brûlures internes en seulement 2 heures et entraîner la mort.
Gardez les piles neuves et usagées hors de la portée des enfants.
Si le compartiment de pile ne se ferme pas correctement, arrêtez d'utiliser le produit et gardez-le à l'écart des enfants.
Si vous croyez que des piles ont été avalées ou placées dans n'importe quelle partie du corps, consultez immédiatement un médecin.

MISE EN GARDE
Risque d'explosion si la pile est remplacée par un type incorrect.
Remplacez la pile par le même type.

MISE EN GARDE
Risque d'explosion ou de fuite de liquide ou de gaz inflammable.

Ne pas utiliser / stocker / mettre dans un environnement de température extrêmement élevée ou de pression extrêmement basse en raison de l'altitude très élevée. N'essayez pas de brûler, écraser ou couper la pile usagée.

⚠ Denna etikett är en säkerhets-/varningsetikett.

Svälj inte batteriet (eller stoppa det i munnen).
Risk för kemisk brännskada
Denna produkt innehåller ett mynt-/knappbatteri.
Om mynt-/knappbatteriet sväljs ned kan det på bara 2 timmar orsaka allvarliga inre brännskador och kan leda till dödsfall.
Förvara nya och använda batterier utom räckhåll för barn.
Om batterifacket inte kan stängas säkert, sluta använda produkten och håll den borta från barn.
Om du tror att batterier har svalts ner eller kommit in i någon del av kroppen, sök omedelbart medicinsk hjälp.

OBSERVERA!
Explosionsrisk föreligger om batteriet ersätts med en felaktig typ.
Ersätt batteriet med ett batteri av samma typ.

OBSERVERA!
Risk för explosion eller läckage av brandfarlig vätska eller gas.

Använd inte i/förvara inte i/för inte i omedelbar närhet av extremt hög temperatur eller extremt lågt tryck beroende på mycket hög höjd.
Försök inte bränna, krossa eller skära sönder ett använt batteri.

⚠ Dette mærke er et sikkerheds-/ advarselsmærke.

Indsæt ikke batteri.
Kemisk forbrændingsfare
Dette produkt indeholder et mønt-/knapcellebatteri.
Hvis mønt-/knapcellebatteriet sluges, kan det forårsage alvorlige indre forbrændinger på kun 2 timer og kan føre til døden.
Hold nye og brugte batterier væk fra børn.
Hvis batterirummet ikke lukker sikkert, skal du holde op med at bruge produktet og holde det væk fra børn.
Hvis du tror, at batterier kan være blevet slugt eller være blevet placeret i nogen del af kroppen, skal du straks søge lægehjælp.

ADVARSEL
Fare for eksplosion, hvis batteriet udskiftes med en forkert type.
Udskift batteri med samme type.

ADVARSEL
Risiko for eksplosion eller lækage af brandfarlig væske eller gas.

Må ikke anvendes i/opbevares i/indbringes i omgivelser med ekstremt høj temperatur eller ekstremt lavt tryk på grund af den meget høje højde.
Forsøg ikke at brænde, knuse eller skære brugt batteri.

⚠ Dieses Zeichen ist ein Sicherheits-/Warnzeichen.

Nehmen Sie keine Batterien zu sich.
Chemische Verbrennungsgefahr
Dieses Produkt enthält eine Knopfzellenbatterie.
Wird die Knopfzellenbatterie verschluckt, kann sie innerhalb von nur 2 Stunden schwere innere Verbrennungen verursachen und zum Tode führen.
Halten Sie neue und gebrauchte Batterien von Kindern fern.
Wenn das Batteriefach nicht sicher schließt, stellen Sie die Verwendung des Geräts ein und halten Sie es von Kindern fern.
Wenn Sie der Meinung sind, dass Batterien verschluckt oder in irgendeinen Teil des Körpers platziert wurden, suchen Sie sofort einen Arzt auf.

WARNUNG
Explosionsgefahr, wenn die Batterie durch einen falschen Typ ersetzt wird.
Ersetzen Sie die Batterie durch den gleichen Typ.

WARNUNG
Gefahr von Explosion oder Austreten von brennbaren Flüssigkeiten oder Gasen.

Verwenden/lagern/bringen Sie das Gerät nicht in Umgebungen mit extrem hoher Temperatur oder extrem niedrigem Druck aufgrund von sehr großer Höhe.
Versuchen Sie nicht, verbrauchte Batterien zu verbrennen, zu zerquetschen oder zu zerschneiden.

⚠ Σήμα για την ασφάλεια/προειδοποιητικό σήμα.

Μην καταπίνετε την μπαταρία.
Κίνδυνος χημικού εγκαύματος
Αυτό το προϊόν περιέχει επίπεδη μπαταρία.
Σε περίπτωση κατάποσης της επίπεδης μπαταρίας μπορούν να προκληθούν σοβαρά εσωτερικά εγκαύματα σε διάστημα μόλις 2 ωρών και να επέλθει θάνατος.
Φυλάσσετε τις καινούριες και τις χρησιμοποιημένες μπαταρίες μακριά από τα παιδιά.
Εάν η θήκη της μπαταρίας δεν κλείνει καλά, σταματήστε να χρησιμοποιείτε το προϊόν και φυλάξτε το μακριά από τα παιδιά.
Εάν πιστεύετε ότι υπάρχει περίπτωση να έχει γίνει κατάποση μπαταρίας ή εισχώρησή της σε κάποιο μέρος του σώματος, ζητήστε αμέσως ιατρική συμβουλή.

ΠΡΟΣΟΧΗ
Υπάρχει κίνδυνος έκρηξης εάν τοποθετηθεί λάθος τύπος μπαταρίας.
Αντικαταστήστε την μπαταρία με τον ίδιο τύπο μπαταρίας

ΠΡΟΣΟΧΗ
Υπάρχει κίνδυνος έκρηξης ή διαρροής εύφλεκτου υγρού ή αερίου.

Μην χρησιμοποιείτε/αποθηκεύετε/μεταφέρετε την μπαταρία σε περιβάλλον με υπερβολικά υψηλή θερμοκρασία ή υπερβολικά χαμηλή πίεση που οφείλεται σε πολύ υψηλό υψόμετρο. Μην επιχειρήσετε να κάψετε, να συνθλίψετε ή να κόψετε την χρησιμοποιημένη μπαταρία.

⚠ Questo simbolo è un simbolo di sicurezza / avvertenza.

Non ingerire la batteria.
Pericolo di ustione chimica
Il prodotto contiene una batteria a cella a moneta / bottone.
Se la batteria a cella a moneta / bottone viene inghiottita può causare delle gravi ustioni interne in sole due ore e provocare il decesso.
Tenere le batterie nuove e quelle usate fuori dalla portata dei bambini.
Se il vano batterie non si chiude in modo sicuro, smettere di usare il prodotto e tenerlo fuori dalla portata dei bambini.
Se si ritiene che delle batterie possano essere state inghiottite o essere state introdotte all'interno di qualsivoglia parte del corpo consultare immediatamente un medico.

ATTENZIONE
Se la batteria è sostituita con una di tipo scorretto c'è rischio che esploda.
Sostituire la batteria con una del medesimo tipo.

ATTENZIONE
Rischio di esplosione o di perdita di liquidi o gas infiammabili.

Non usare / custodire / mettere in ambienti con temperature estremamente alte o una pressione estremamente bassa dovuta a una notevole altitudine.
Non cercare di bruciare, frantumare o tagliare delle batterie usate.

⚠ Esta marca es una marca de seguridad/advertencia.

No ingiera la pila.
Riesgo de Quemadura Química
Este producto contiene una pila tipo moneda/botón.
Si la pila de moneda/botón se traga, puede provocar quemaduras internas graves en solo 2 horas y puede causar la muerte.
Mantenga las pilas nuevas y las usadas lejos de los niños.
Si el compartimiento de la pila no se cierra de forma segura, deje de usar el producto y manténgalo alejado de los niños.
Si cree que las pilas pueden haberse tragado o colocado dentro de cualquier parte del cuerpo, busque atención médica inmediata.

PRECAUCIÓN
Riesgo de explosión si la batería es reemplazada por una de tipo incorrecto.
Reemplace la batería con una del mismo tipo.

PRECAUCIÓN
Riesgo de explosión o fuga de líquido o gas inflamables.

No use/almacene/lleve a un entorno de temperatura extremadamente alta o extremadamente baja, debido a la gran altitud.
No intente quemar, aplastar o cortar la batería usada.

⚠ Esta marca é uma marca de segurança/alerta.

Não ingerir a pilha.
Perigo de queimaduras químicas
Este produto contém uma pilha de tipo moeda/botão.
Se a pilha de moeda/botão for engolida, pode causar queimaduras internas graves em apenas 2 horas e conduzir à morte.
Mantenha as pilhas novas e usadas longe das crianças.
Se o compartimento da pilha não se fechar de forma segura, pare de usar o produto e mantenha-o afastado das crianças.
Se achar que as pilhas podem ter sido engolidas ou colocadas dentro de qualquer parte do corpo, procure imediatamente um médico.

CUIDADO
Risco de explosão se a pilha for substituída por um tipo incorreto.
Substitua a pilha pelo mesmo tipo.

CUIDADO
Risco de explosão ou de vazamento de líquido ou gás inflamável.

Não use/armazene/coloque num ambiente com temperaturas extremamente altas ou pressões extremamente baixas devido a altitude elevada.
Não tente queimar, esmagar ou cortar a pilha usada.

⚠ Din il-marka hija marka ta' sigurtà/avviż.

Tiblax il-batterija.
Periklu ta' ħruq kimiku
Dan il-prodott fih batterija ċatta qisha buttuna żgħira.
Jekk din il-batterija ċatta tinbelha, tista' tikkawża ħruq intern sever f'temm sagħtejn u tista' twassal għall-mewt.
Żomm il-batteriji ġodda u użati 'l bogħod minn fejn jistgħu jilħquhom it-tfal.
Jekk il-kompartiment tal-batterija ma jistax jingħalaq b'mod sigur, tużax aktar il-prodott u żommu 'l bogħod minn fejn jistgħu jilħquh it-tfal.
Jekk ikollok xi suspett li l-batteriji nbelgħu jew ġew imdeffsa f'xi parti tal-ġisem, fittex għajnuna medika minnufih.

ATTENZJONI
Riskju ta' splużjoni jekk il-batterija jekk il-batterija tinbidel ma' waħda tat-tip skorrett.
Il-batterija għandha tinbidel ma' waħda tal-istess tip.

ATTENZJONI
Riskju ta' splużjoni jew ħruġ ta' likwidu jew gass fjammabbli.

Tużax/taħżinx f'ambjent b'temperatura għolja ħafna jew pressjoni estremament baxxa minħabba f'altitudni għolja ħafna.
Tipprovax taħraq, tgħaffeġ jew taqta' l-batterija ħażina.

⚠ See tähis on ohutus-/hoiatustähis.

Ärge neelake patareid alla.
Keemilise põletuse oht
See toode sisaldab kella-/nööppatareid.
Allaneelamisel võib kella-/nööppatarei juba kahe tunniga põhjustada raskeid sisemisi põletusi ning viia surmani.
Hoidke uusi ja kasutatud patareisid lastele kättesaamatus kohas.
Kui patareipesa ei sulgu kindlalt, lõpetage toote kasutamine ja paigutage see lastele kättesaamatusse kohta.
Kui kahtlustate patareide allaneelamist või kehasse sattumist, pöörduge viivitamata arsti poole.

ETTEVAATUST!
Patarei asendamine vale tüüpi patareiga põhjustab plahvatusohtu.
Asendage patarei sama tüüpi patareiga.

ETTEVAATUST!
Plahvatuse või tuleohtliku vedeliku või gaasi lekkimise oht.

Ärge kasutage/hoidke toodet keskkonnas ega viige keskkonda, kus on äärmiselt kõrge temperatuur või väga suurest kõrgusest tingitud äärmiselt madal õhurõhk.
Ärge üritage kasutatud patareid põletada, purustada ega lõigata.

⚠ Ez egy biztonsági/figyelmeztető jelzés.

Ne nyelje le az elemeket.
Vegyi égés veszély
Ez a termék gombelemeket tartalmaz.
Ha lenyeli a gombelemeket, akkor alig 2 órán belül halálos következményű, komoly égést szenvedhet.
Az új és lemerült elemeket gyermekektől tartsa távol.
Ha az elemrekesz nem zár biztonságosan, akkor ne használja tovább a terméket és gyermekektől tartsa távol.
Ha úgy gondolja, hogy az elemeket lenyelték vagy más testrészbe dugták, akkor azonnal hívja fel a háziorvosát.

VIGYÁZAT
Robbanásveszély áll fenn, ha nem megfelelő típusúra cseréli ki az elemet.
Az elemet mindig azonos típusúra cserélje.

VIGYÁZAT
Robbanásveszély, illetve éghető folyadék-, vagy gázszivárgás-veszély áll fenn.

Ne használja, tárolja vagy vigye nagyon magas hőmérsékletű vagy nagy magasságok miatti nagyon alacsony nyomású környezetbe.
A lemerült elemeket ne próbálja meg elégetni, széttörni vagy felvágni.

⚠ Táto značka je bezpečnostná značka/značka upozornenia.

Batériu nekonzumujte.
Nebezpečenstvo chemického popálenia
Tento výrobok obsahuje mincovú/gombíkovú článkovú batériu.
Ak dôjde k požitiu mincovej/gombíkovej článkovej batérie, v priebehu len 2 hodín môže dôjsť k vážnym vnútorným popáleninám a k smrti.
Nové a použité batérie uchovávajte mimo dosahu detí.
Ak priehradku na batérie nemožno bezpečne uzavrieť, prestaňte výrobok používať a uschovajte ho mimo dosahu detí.
Ak si myslíte, že došlo k požitiu batérií alebo k ich vloženiu do ktorejkoľvek časti tela, okamžite vyhľadajte zdravotnícku pomoc.

UPOZORNENIE
Ak batériu vymeníte za nesprávny typ, môže dôjsť k výbuchu.
Batériu nahraďte rovnakým typom.

UPOZORNENIE
Riziko výbuchu alebo unikania horľavej kvapaliny alebo plynu.

Nepoužívajte/neskladujte/neprinášajte do prostredia s extrémne vysokou teplotou alebo extrémne nízkym tlakom vo veľmi vysokej nadmorskej výške.
Použitú batériu sa nepokúšajte spaľovať, drviť ani prerezať.

⚠ Tato značka je bezpečnostní varovnou značkou.

Baterii nepolykejte.
Nebezpečí poleptání žíravinou.
Tento výrobek obsahuje knoflíkovou elektrickou baterii.
Pokud byste knoflíkovou elektrickou baterii spolkli, může to i jen do 2 hodin způsobit těžké vnitřní poleptání a vést to až k úmrtí.
Nové i použité baterie držte mimo dosah dětí.
Pokud by schránka baterie nebyla bezpečně uzavřena, pak takový výrobek přestaňte používat a držte jej mimo dosah dětí.
Pokud byste si mysleli, že mohlo dojít ke spolknutí baterie nebo k jejímu umístění do nějaké části těla, vyhledejte okamžitou lékařskou pomoc.

UPOZORNĚNÍ
Pokud by byla baterie vyměněna za nesprávný typ, hrozí riziko exploze.
Baterii vyměňujte za stejný typ.

UPOZORNĚNÍ
Hrozí exploze nebo únik hořlavých kapalin nebo plynů.

V prostředí s extrémně vysokou teplotou nebo extrémně nízkým tlakem kvůli hodně vysoké nadmořské výšce to nepoužívejte, neskladujte to v něm, ani to do něj nepřinášejte. Baterii se nepokoušejte spálit, rozbít nebo rozřezat.

⚠ Ta oznaka je varnostna/opozorilna oznaka.

Baterij ne zaužijte.
Nevanost kemiičnih opeklin.
Ta izdelek vsebuje baterijo v obliki kovanca / gumbasto celico.
V primeru zaužitja baterije v obliki kovanca / gumbaste celice, le ta lahko povzroči resne notranje opekline v samo 2 urah in celo smrt.
Nove in uporabljene baterije hranite izven dosega otrok.
Če razdelka za baterijo ne morete zaprete, prenehajte uporabljati izdelek in ga hranite izven dosega otrok.
Če menite, da je bila baterija zaužita ali pa se nahaja v notranjosti kateregakoli dela telesa, nemudoma poiščite zdravniško pomoč.

POZOR
Če baterijo zamenjate z nepravilno vrsto baterije, obstaja tveganje eksplozije.
Baterijo zamenjajte z njej enako baterijo.

POZOR
Tveganje eksplozije ali uhajanja gorljive tekočine ali plina.

Ne uporabljajte / skladiščite / hranite baterije v okolju z izredno visoko temperaturo ali z izredno nizkim tlakom zaradi visoke nadmorske višine.
Uporabljene baterije ne poskušajte zažgati, zdrobiti ali rezati.

⚠ Šis ženklas – tai saugos / įspėjamasis ženklas.

Neprarykite elemento.
Cheminio nudegimo pavojus
Šiame gaminyje yra monetos / sagos formos elementas.
Prarijus monetos / sagos formos elementą, vos per 2 valandas galima patirti sunkių vidinių nudegimų ir mirti.
Naujus ir naudotus elementus laikykite vaikams nepasiekiamoje vietoje.
Jei elementų skyrius tvirtai neužsidaro, nenaudokite gaminio ir laikykite jį vaikams nepasiekiamoje vietoje.
Jei manote, kad elementai galėjo būti praryti arba įkišti į bet kurią kūno dalį, nedelsdami kreipkitės į medicinos įstaigą.

DĖMESIO
Elementą pakeitus netinkamo tipo gaminiu kyla sprogimo pavojus.
Elementą pakeiskite tokio paties tipo gaminiu.

DĖMESIO
Sprogimo arba degaus skysčio ar dujų nuotėkio pavojus.

Nenaudokite / nelaikykite / neatneškite į itin aukštos temperatūros aplinką ar aplinką, kurioje slėgis itin žemas dėl labai didelio aukščio.
Nemėginkite naudotą elementą deginti, traiškyti ar pjaustyti.

⚠ Šī ir drošības/brīdinājuma atzīme.

Nenorijiet akumulatoru.
Ķīmiska apdeguma risks
Šis produkts satur monētas/pogas elementa akumulatoru.
Monētas/pogas elementa akumulatora norīšanas gadījumā tas var izraisīt nopietnus iekšējus apdegumus 2 stundu laikā un, iespējams, nāvi.
Jaunus un lietotus akumulatorus sargājiet no bērniem.
Ja akumulatora nodalījumu nevar stingri aizvērt, pārtrauciet produkta lietošanu un sargājiet to no bērniem.
Ja domājat, ka akumulators ir norīts vai ievietots kādā ķermeņa atverē, nekavējoties nepieciešama medicīniska palīdzība.

UZMANĪBU
Ievietojot nepareiza veida akumulatoru, pastāv sprādziena risks.
Nomainiet tikai ar tāda paša veida akumulatoriem.

UZMANĪBU
Sprādziena vai uzliesmojoša šķidruma vai gāzes noplūdes risks.

Nelietojiet/neglabājiet/neienesiet vidē, kurā ir ļoti augsta temperatūra vai ārkārtīgi zems spiediens ļoti liela augstuma ietekmē.
Izlietoto akumulatoru nemēģiniet dedzināt, sasmalcināt vai sagriezt.

⚠ Niniejszy znak jest znakiem bezpieczeństwa/ostrzeżenia.

Nie wolno połykać baterii.
Istnieje zagrożenie poparzeniem chemicznym.
Produkt ten zawiera baterię typu guzikowego.
W przypadku połknięcia może ona spowodować poważne poparzenia wewnętrzne w ciągu zaledwie 2 godzin i doprowadzić do śmierci.
Nowe i zużyte baterie należy przechowywać z dala od dzieci.
Jeśli komora baterii nie zamyka się prawidłowo, należy zaprzestać używania produktu i przechowywać go z dala od dzieci.
Jeśli istnieje prawdopodobieństwo, że bateria została połknięta albo znalazła się w inny sposób wewnątrz ciała, należy natychmiast zgłosić się do lekarza.

UWAGA
W przypadku wymiany baterii na baterię nieprawidłowego typu istnieje zagrożenie wybuchem. Wymieniać wyłącznie na baterię takiego samego typu.

UWAGA
Zagrożenie wybuchem lub wyciekiem łatwopalnej cieczy lub gazu.

Nie stosować, nie przechowywać ani nie wprowadzać do środowiska o skrajnie wysokiej temperaturze lub skrajnie niskim ciśnieniu związanym z bardzo dużą wysokością nad poziomem morza. Nie próbować palić, miażdżyć ani ciąć baterii.

⚠ Þetta merki er öryggis-/viðvörunarmerki.

Gleypið ekki rafhlöðuna.
Hætta á efnabruna
Þessi vara inniheldur flata rafhlöðu.
Ef rafhlaðan er gleypt getur það valdið alvarlegum innvortis brunasárum á innan við 2 klukkutímum, sem getur leitt til dauða.
Geymið nýjar og notaðar rafhlöður þar sem börn ná ekki til.
Ef rafhlöðuhólfið lokast ekki örugglega, skal hætta notkun vörunnar og geyma hana þar sem börn ná ekki til.
Ef grunur leikur á að rafhlöður hafi verið gleyptar eða settar inn í eitthvert líkamsop, skal leita læknishjálpar tafarlaust.

VARÚÐ
Hætta á sprengingu ef rafhlöðunni er skipt út fyrir ranga gerð.
Notið sömu gerð af rafhlöðu þegar skipt er um hana.

VARÚÐ
Hætta á sprengingu eða leka á eldfimum vökva eða gasi.

Má ekki nota/geyma/flytja í umhverfi þar sem er afar hár hiti eða afar lágur loftþrýstingur vegna mikillar hæðar yfir sjávarmáli.
Ekki má reyna að brenna, kremja eða skera í notaða rafhlöðu.

⚠ Dette merket er sikkerhets-/advarselsmerke.

Du må ikke spise batterier.
Fare for kjemisk forbrenning
Dette produktet inneholder et cellebatteri.
Hvis cellebatteriet svelges, kan det forårsake alvorlige interne forbrenninger bare på 2 timer, og kan føre til døden.
Hold nye og brukte batterier utenfor barnas rekkevidde.
Hvis batterirommet ikke lukkes riktig, stopp bruken av produktet og hold det på avstand fra barn.
Hvis du har mistanke om at batteriene er blitt svelget eller kommet inn i kroppen, oppsøk lege umiddelbart.

FORSIKTIG!
Fare for eksplosjon hvis batteriet byttes ut med et feil batteri.
Skift ut batteriet med ett av samme type.

FORSIKTIG!
Fare for eksplosjon eller lekkasje av antennelig væske eller gass.

Bruk ikke/oppbevar ikke under ekstrem temperatur eller ekstremt trykk på grunn av betraktelig høyde over havet.
Forsøk ikke å brenne, knuse eller kappe batteriet.

⚠ Този знак представлява знак за безопасност/предупреждение.

Не поглъщайте батерията.
Опасност от изгаряне на химикали
Този продукт съдържа кръгла плоска батерия.
Ако кръглата плоска батерия е погълната, тя може да причини тежки вътрешни изгаряния само за 2 часа и може да доведе до смърт.
Пазете новите и използвани батерии далеч от деца.
Ако отделението за батериите не се затваря добре, спрете да използвате продукта и го дръжте далеч от деца.
Ако смятате, че батериите биха могли да бъдат погълнати или поставени в някоя част на тялото, потърсете незабавно медицинска помощ.

ВНИМАНИЕ
Опасност от експлозия, ако батерията е заменена от неправилен тип.
Сменете батерията със същия тип.

ВНИМАНИЕ
Опасност от експлозия или изтичане на запалима течност или газ.

Не използвайте/съхранявайте/въвеждайте в среда с изключително висока температура или изключително ниско налягане поради много високата височина. Не се опитвайте да изгаряте, смачквате или отрязвате използваната батерия.

⚠ Acest marcaj este un marcaj de siguranță/avertizare.

A nu se ingera bateria.
Pericol de arsură chimică
Acest produs conține o baterie tip monedă / nasture.
În cazul înghițirii bateriei tip monedă / nasture, în doar 2 ore se pot produce arsuri interne grave, care pot provoca decesul persoanei.
A nu se lăsa la îndemâna copiilor bateriile noi, precum nici cele uzate.
În cazul în care un compartiment pentru baterii nu se închide corect, întrerupeți utilizarea produsului și nu îl lăsați la îndemâna copiilor.
În cazul înghițirii sau al introducerii bateriei în orice parte a corpului, solicitați imediat îngrijire medicală.

ATENŢIE!
Risc de explozie în cazul înlocuirii bateriei cu una de alt tip.
Înlocuiți bateria cu una de același tip.

ATENŢIE!
Risc de explozie sau de scurgeri de lichide sau gaze inflamabile.

A nu se folosi / depozita / amplasa în medii cu temperaturi extrem de ridicate sau cu presiuni extrem de scăzute generate de altitudinii foarte mari.
A nu se arde, zdrobi sau tăia bateriile uzate.

⚠ Ovo je sigurnosna oznaka / oznaka upozorenja.

Nemojte gutati bateriju.
Opasnost od kemijskih opeklina
Ovaj proizvod sadržava kovanica-baterije ili gumb-baterije.
Ako se kovanica-baterija ili gumb-baterija proguta, to u roku od samo dva sata može uzrokovati ozbiljne unutarnje opekline te rezultirati smrću.
Nove i upotrijebljene baterije držite dalje od djece.
Ako utor za bateriju nije sigurno zatvoren, prestanite upotrebljavati proizvod i držite ga dalje od djece.
Ako mislite da su baterije možda progutane ili stavljene u bilo koji dio tijela, zatražite hitnu medicinsku pomoć.

OPREZ
Rizik od eksplozije ako se baterija zamijeni neispravnim tipom baterije.
Bateriju zamijenite istim tipom.

OPREZ
Rizik od eksplozije ili istjecanja zapaljive tekućine ili plina.

Nemojte upotrebljavati / pohranjivati / unositi u okruženje iznimno visokih temperatura ili iznimno niskog tlaka zbog vrlo visoke nadmorske visine.
Nemojte pokušavati spaljivati, drobiti ili rezati iskorištenu bateriju.

⚠ Ovo je oznaka za bezbednost/oznaka upozorenja.

Ne gutajte baterije.
Rizik od hemijskih opekotina
Ovaj proizvod sadrži baterije u obliku novčića / dugmeta.
U slučaju gutanja baterije u obliku novčića / dugmeta, može doći do ozbiljnih unutrašnjih opekotina u roku od samo 2 sata, što može dovesti do smrtnog ishoda.
Držite i nove i stare (korišćene) baterije van domašaja dece.
U slučaju da pregrada za baterije ne može da se zatvori na bezbedan način, prestanite da koristite proizvod i odložite ga van domašaja dece.
Ukoliko mislite da je došlo do gutanja baterija ili do njihovog umetanja u bilo koji deo tela, momentalno se obratite lekaru.

OPREZ
Rizik od eksplozije u slučaju zamene baterije drugom baterijom neodgovarajućeg tipa. Zamenite bateriju drugom baterijom istog tipa.

OPREZ
Rizik od eksplozije ili curenja zapaljive tečnosti ili gasa.

Ne koristite / ne odlažite / ne unosite u okruženje sa izuzetno visokim temperaturama ili u okruženje sa izuzetno niskim pritiskom zbog velike nadmorske visine. Ne pokušavajte da zapalite, da zgnječite ili da presečete korišćenu bateriju.

⚠ Aquesta marca és una marca de seguretat/advertència.

No ingeriu la pila.
Perill de cremades químiques
Aquest producte conté una pila de botó.
Si s'empasseu la pila de botó, aquesta pot causar greus cremades internes en només 2 hores i provocar la mort.
Mantingueu les piles noves i usades lluny de l'abast dels nens.
Si el compartiment de la pila no es tanca de manera segura, deixeu d'utilitzar el producte i allunyeu-lo dels nens.
Si creieu que les piles podrien haver estat empassades o col·locades dins de qualsevol part del cos, busqueu atenció mèdica immediata.

PRECAUCIÓ
Risc d'explosió si la pila se substitueix per una altra d'un tipus incorrecte.
Substituïu la pila per una altra del mateix tipus.

PRECAUCIÓ
Risc d'explosió o fuga de líquids o gasos inflamables.

No la utilitzeu/guardeu/porteu a un entorn de temperatura extremadament alta o amb una pressió extremadament baixa a causa de l'altitud molt elevada.
No intenteu cremar, aixafar o tallar la pila usada.

⚠ Bu bir güvenlik uyarısı/damgasıdır.

Pili yutmayınız.
Kimyasal Yanık Tehlikesi
Bu ürün, düğme / hücre pil içermektedir.
Düğme / hücre pil yutulduğu takdirde, sadece 2 saat içerisinde tehlikeli iç yanıklara neden olabilir ve ölüme yol açabilir.
Yeni ve kullanılmış pilleri çocuklardan uzak tutunuz.
Pil bölmesi güvenli bir şekilde kapanmıyorsa, ürünü kullanmayınız ve çocuklardan uzak tutunuz.
Pillerin yutulmuş veya vücudun içinde herhangi bir yere yerleştirilmiş olduğundan şüphelenirseniz, derhal tıbbi müdahale başvurusunda bulununuz.

DİKKAT
Pil yanlış bir türle değiştirildiği takdirde patlama riski ortaya çıkabilir.
Aynı türde bir pille değiştiriniz.

DİKKAT
Patlama veya yanıcı sıvı ya da gaz sızıntısı riski.

Aşırı yüksek ısı veya çok yüksek rakım sebebiyle aşırı düşük basınç olan ortamlarda kullanmayınız / saklamayınız / bulundurmayınız.
Kullanılmış pilleri yakma, ezme veya kesme girişiminde bulunmayınız.

⚠ Kjo shenjë është simbol sigurie/paralajmërimi.

Mos e përtypni baterinë.
Rrezik për Djegie Kimike
Ky produkt përmban pole/butona baterie.
Nëse poli/butoni gëlltitet, mund të shkaktojë djegie të brendshme të rënda në vetëm dy orë dhe mund të çojë drejt vdekjes.
Mbani bateritë e reja dhe të përdorura larg fëmijëve.
Nëse ndarja e baterisë nuk mbyllet mirë,, ndërpritni përdorimin e produktit dhe mbajeni larg fëmijëve.
Nëse mendoni se bateritë mund të jenë gëlltitur ose vendosur brenda çdo pjese të trupit, kërkoni kujdes të menjëhershëm mjekësor.

KUJDES
Rrezik shpërthimi nëse bateria zëvendësohet nga një tip tjetër i pasaktë.
Zëvendësoni baterinë me të njëjtin tip baterie.

KUJDES
Rrezik shpërthimi ose rrjedhje të lëngut apo gazit.

Mos e përdorni apo ta ruani në mjedis me temperaturë jashtëzakonisht të lartë ose presion jashtëzakonisht të ulët për shkak të lartësisë gjeografike shumë të lartë.
Mos u përpiqni të digjni, shtypni ose prisni me mjete baterinë e përdorur.

Dispose of used batteries according to the local laws.
Käytetyt paristot hävitetään paikallisten säännösten ja määräysten mukaisesti.
Gebruikte batterijen gerecycled in overeenstemming met de plaatselijke voorschriften.
Les batteries utilisées doivent être recyclées selon les lois locales.
Förbrukade batterier återvinns i enlighet med lokala föreskrifter.
De brugte batterier genbruges i overensstemmelse med lokale regler.
Verbrauchte Batterien werden entsprechend den lokalen Rechtsvorschriften entsorgt.
Οι χρησιμοποιημένες μπαταρίες απορρίπτονται σύμφωνα με τους τοπικούς κανονισμούς.
Smaltire le batterie esauste in base alle normative locali vigenti.
Deseche las baterías usadas de acuerdo con la ley local.
As baterias usadas são descartadas de acordo com as leis locais.
Armi l-batteriji qodma skont il-liġijiet lokali.
Kasutatud patareide utiliseerimine toimub vastavalt kohalikule seadusele.
A használt elemek megsemmisétése a helyi jogszabályok értelmében történik.
Použité batérie sa likvidujú podľa miestnych zákonov.
Použité baterie zlikvidujte v souladu s místními předpisy.
Uporabljene baterije odstranite v skladu z lokalnimi predpisi.
Naudotas baterijas utilizuokite pagal vietinius įstatymus.
Izmantotās baterijas utilizē saskaņā ar vietējo likumdošanu.
Zużyte baterie należy utylizować zgodnie z prawem lokalnym.
Fargaðu notuðum rafhlöðum samkvæmt innlendum lögum.
Brukte batterier resirkuleres i henhold til lokale bestemmelser.
Използваните батерии се рециклират в съответствие с местните разпоредби.
Aruncați bateriile uzate în conformitate cu legile locale.
Iskorištene baterije reciklirati u skladu s lokalnim propisima.
Искоришћене батерије одлажите у складу са локалним прописима.
Eliminació de bateries utilitzades d'acord amb les lleis locals.
Kullanılmış piller yerel mevzuata uygun olarak bertaraf edilecektir.
Hidhni bateritë e përdorura sipas ligjeve lokale.

טויוטה מוטור אירופה נו\סא, שדרות דו בורגט 60-1140 בריסל,
בלגיה www.toyota-europe.com

סימן רשום	DENSO:
שנת ייצור	ראה מוצר:
מוצר: מערכת כניסה מרחוק ללא מפתח ו- TPMS (מקלט)	
דגם	23ABB :
ארץ ייצור	יפן :
מוצר: כרטים חכם	
דגם	14CCM :
ארץ ייצור	יפן :

Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type B2C2K2R is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: http://www.tokai-rika.co.jp/pc Frequency band: 433.050 - 434.790 MHz Maximum radio-frequency power: 10mW(ERP)
TOKAI RIKA CO., LTD. vakuuttaa, että radiolaitetyyppi B2C2K2R on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: http://www.tokai-rika.co.jp/pc Radiotaajuus: 433.050 - 434.790 MHz suurin mahdollinen lähetysteho: 10mW(ERP)
Hierbij verklaar ik, TOKAI RIKA CO., LTD., dat het type radioapparatuur B2C2K2R conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: http://www.tokai-rika.co.jp/pc Frequentieband: 433.050 - 434.790 MHz Maximaal radiofrequentievermogen: 10mW(ERP)

Le soussigné, TOKAI RIKA CO., LTD., déclare que l'équipement radioélectrique du type B2C2K2R est conforme à la directive 2014/53/UE.

Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:
http://www.tokai-rika.co.jp/pc

Bande de fréquences: 433.050 - 434.790 MHz
Puissance de radiofréquence maximale: 10mW(ERP)

Härmed försäkrar TOKAI RIKA CO., LTD. att denna typ av radioutrustning B2C2K2R överensstämmer med direktiv 2014/53/EU.

Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:
http://www.tokai-rika.co.jp/pc

Frekvensband: 433.050 - 434.790 MHz
Maximal radiofrekvenseffekt: 10mW(ERP)

Hermed erklærer TOKAI RIKA CO., LTD., at radioudstyrstypen B2C2K2R er i overensstemmelse med direktiv 2014/53/EU.

EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:
http://www.tokai-rika.co.jp/pc

Frekvensbånd: 433.050 - 434.790 MHz
Maksimal radiofrekvenseffekt: 10mW(ERP)

Hiermit erklärt TOKAI RIKA CO., LTD., dass der Funkanlagentyp B2C2K2R der Richtlinie 2014/53/EU entspricht.

Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:
http://www.tokai-rika.co.jp/pc

Frequenzband: 433.050 - 434.790 MHz
Abgestrahlte maximale Sendeleistung: 10mW(ERP)

Με την παρούσα ο/η TOKAI RIKA CO., LTD., δηλώνει ότι ο ραδιοεξοπλισμός B2C2K2R πληροί την οδηγία 2014/53/ΕΕ.

Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:
http://www.tokai-rika.co.jp/pc

Ζώνη συχνοτήτων: 433.050 - 434.790 MHz
Μέγιστη ισχύς ραδιοσυχνότητας: 10mW(ERP)

Il fabbricante, TOKAI RIKA CO., LTD., dichiara che il tipo di apparecchiatura radio B2C2K2R è conforme alla direttiva 2014/53/UE.

Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:
http://www.tokai-rika.co.jp/pc

Banda di frequenza: 433.050 - 434.790 MHz
Potenza massima radiofrequenza: 10mW(ERP)

Por la presente, TOKAI RIKA CO., LTD. declara que el tipo de equipo radioeléctrico B2C2K2R es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: http://www.tokai-rika.co.jp/pc Banda de frecuencia: 433.050 - 434.790 MHz Potencia máxima de radiofrecuencia: 10mW(ERP)
O(a) abaixo assinado(a) TOKAI RIKA CO., LTD. declara que o presente tipo de equipamento de rádio B2C2K2R está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: http://www.tokai-rika.co.jp/pc Banda de frequência: 433.050 - 434.790 MHz Potência máxima de radiofrequências: 10mW(ERP)
B'dan, TOKAI RIKA CO., LTD., niddikjara li dan it-tip ta' tagħmir tar-radju B2C2K2R huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: http://www.tokai-rika.co.jp/pc Tíðnisvið: 433.050 - 434.790 MHz Hámarks útvarpsbylgjutíðni: 10mW(ERP)

Käesolevaga deklareerib TOKAI RIKA CO., LTD., et käesolev raadioseadme tüüp B2C2K2R vastab direktiivi 2014/53/EL nõuetele.

ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:
http://www.tokai-rika.co.jp/pc

Sagedusriba: 433.050 - 434.790 MHz
Maksimaalne saatevõimsus: 10mW(ERP)

TOKAI RIKA CO., LTD. igazolja, hogy a B2C2K2R típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.

Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:
http://www.tokai-rika.co.jp/pc

Frekvenciasáv: 433.050 - 434.790 MHz
Maximális jelerősség: 10mW(ERP)

TOKAI RIKA CO., LTD. týmto vyhlasuje, že rádiové zariadenie typu B2C2K2R je v súlade so smernicou 2014/53/EÚ.

Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:
http://www.tokai-rika.co.jp/pc

Frekvenčné pásmo: 433.050 - 434.790 MHz
Maximálny rádiofrekvenčný výkon: 10mW(ERP)

Tímto TOKAI RIKA CO., LTD. prohlašuje, že typ rádiového zařízení B2C2K2R je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: http://www.tokai-rika.co.jp/pc Kmitočtové pásmo: 433.050 - 434.790 MHz Maximální radiofrekvenční výkon: 10mW(ERP)
TOKAI RIKA CO., LTD. potrjuje, da je tip radijske opreme B2C2K2R skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: http://www.tokai-rika.co.jp/pc Frekvenčni pas: 433.050 - 434.790 MHz Največja moč radijske frekvence: 10mW(ERP)
Aš, TOKAI RIKA CO., LTD., patvirtinu, kad radijo įrenginių tipas B2C2K2R atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: http://www.tokai-rika.co.jp/pc Dažnių juosta: 433.050 - 434.790 MHz Didžiausia radijo dažnių galia: 10mW(ERP)

Ar šo TOKAI RIKA CO., LTD. deklarē, ka radioiekārta B2C2K2R atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: http://www.tokai-rika.co.jp/pc Frekvenču josla: 433.050 - 434.790 MHz Maksimālā radiofrekvenču jauda: 10mW(ERP)
TOKAI RIKA CO., LTD. niniejszym oświadcza, że typ urządzenia radiowego B2C2K2R jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: http://www.tokai-rika.co.jp/pc Zakres częstotliwości: 433.050 - 434.790 MHz Maksymalna moc częstotliwości radiowej: 10mW(ERP)
TOKAI RIKA CO., LTD. lýsir því hér með yfir að fjarskiptatækið af gerð B2C2K2R er í samræmi við tilskipun 2014/53/EU. Öll ESB-samræmisyfirlýsingin er tiltæk á eftirfarandi vefslóð: http://www.tokai-rika.co.jp/pc Tíðnisvið: 433.050 - 434.790 MHz Hámarks útvarpsbylgjutíðni: 10mW(ERP)

TOKAI RIKA CO., LTD. erklærer herved at radioutstyrtypen B2C2K2R er i samsvar med direktivet 2014/53/EU. Hele teksten av EU-samsvarserklæringen kan leses på det følgende nettstedet: http://www.tokai-rika.co.jp/pc Frekvensbånd: 433.050 - 434.790 MHz Maksimal radiofrekvenseffekt: 10mW(ERP)
С настоящото TOKAI RIKA CO., LTD. декларира, че този тип радиосъоръжение B2C2K2R е в съответствие с Директива 2014/53/EC. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: http://www.tokai-rika.co.jp/pc Радиочестотна лента: 433.050 - 434.790 MHz Максимална радиочестотна мощност: 10mW(ERP)
Prin prezenta, TOKAI RIKA CO., LTD. declară că tipul de echipamente radio B2C2K2R este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: http://www.tokai-rika.co.jp/pc Banda de frecvență: 433.050 - 434.790 MHz Puterea maximă de radiofrecvență: 10mW(ERP)

Ovime TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa B2C2K2R u skladu sa Direktivom 2014/53/EU. Potpuni tekst EU deklaracije o usaglašenosti dostupan je na slijedećoj internet adresi: http://www.tokai-rika.co.jp/pc Frekvencijski opseg: 433.050 - 434.790 MHz Maksimalna radio-frekvencijska snaga: 10mW(ERP)
Me anë të këtij dokumenti, TOKAI RIKA CO., LTD. deklaron se tipi i radiopajisjes B2C2K2R është në përputhje me Direktivën 2014/53/EU. Teksti i plotë i deklaratës së konformitetit të Bashkimit Evropian është i disponueshëm në adresën e mëposhtme të internetit: http://www.tokai-rika.co.jp/pc Brezi i frekuencës: 433.050 - 434.790 MHz Fuqia maksimale e radiofrekuencës: 10mW(ERP)
TOKAI RIKA CO., LTD. ovime izjavljuje da je radijska oprema tipa B2C2K2R u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: http://www.tokai-rika.co.jp/pc Frekvencijski pojas: 433.050 - 434.790 MHz Maksimalna RF snaga: 10mW(ERP)

Ovim TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa B2C2K2R u skladu sa Direktivom 2014/53/EU.

Potpuni tekst EU deklaracije o usaglašenosti dostupan je na sledećoj internet adresi:
http://www.tokai-rika.co.jp/pc

Frekventni opseg: 433.050 - 434.790 MHz
Maksimalna radio-frekventna snaga: 10mW(ERP)

TOKAI RIKA CO., LTD., işbu belgeyle telsiz cihazı türünün B2C2K2R 2014/53/EU nolu Direktif ile uyumlu olduğunu beyan etmektedir.

AB uygunluk beyanının tam metnine aşağıdaki internet adresinden ulaşabilirsiniz:
http://www.tokai-rika.co.jp/pc

Frekans bandı: 433.050 - 434.790 MHz
Maksimum radyo frekans gücü: 10mW(ERP)

CE

Address: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

⚠: This mark is a safety/warning mark.
・Do not ingest battery.
Chemical Burn Hazard
・This product contains a coin / button cell battery.
・If the coin / button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
・Keep new and used batteries away from children.
・If the battery compartment does not close securely, stop using the product and keep it away from children.
・If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
CAUTION
・Risk of explosion if the battery is replaced by an incorrect type.
・Replace battery with the same type.
CAUTION
・Risk of explosion or the leakage of flammable liquid or gas.

・Do not use in /store in /bring into environment of extremely high temperature or extremely low pressure due to the very high altitude.
・Do not attempt to burn, crush, or cut used battery.

⚠ : Tämä on turva-/varoitusmerkki.
・Paristoa ei saa laittaa suuhun.
Kemiallisen palovamman vaara
・Laitteessa on kolikko-/nappiparisto.
・Elimistöön joutunut kolikko-/nappiparisto voi aiheuttaa vakavia sisäisiä palovammoja vain 2 tunnissa, jolloin seurauksena voi olla hengen menetys.
・Uudet ja käytetyt paristot on pidettävä poissa lasten ulottuvilta.
・Jos paristolokero ei sulkeudu kunnolla, laitteen käyttö on lopetettava, ja laite on pidettävä poissa lasten ulottuvilta.
・Jos on syytä epäillä, että paristo on nielaistu tai muuten päässyt elimistöön, ota välittömästi yhteyttä lääkäriin.
TÄRKEÄ HUOMAUTUS
・Käytetyn pariston vaihtaminen tyypiltään väärään voi aiheuttaa räjähdysvaaran.
・Vaihda paristo tyypiltään samanlaiseen.
TÄRKEÄ HUOMAUTUS
・Räjähdysvaara tai syttyvän nesteen tai kaasun vuotovaara.

・Ei saa käyttää/säilyttää/tuoda lämpötilaltaan tai merenpinnasta mitattuna erittäin korkeaan ympäristöön, jossa ilmanpaine on erittäin alhainen.
・Käytettyä paristoa ei saa polttaa, murskata tai halkaista.

⚠ : Dit teken is een veiligheids-/waarschuwingsteken.
・Slik de batterij niet in.
Risico op chemische brandwonden
・Dit product bevat een munt-/knoopcelbatterij.
・Als de munt-/knoopcelbatterij wordt ingeslikt, kan het al binnen 2 uur ernstige interne brandwonden veroorzaken en de dood tot gevolg hebben.
・Houd nieuwe en gebruikte batterijen buiten bereik van kinderen.
・Als het batterijcompartiment niet goed sluit, stop dan met het gebruik van het product en houd het buiten bereik van kinderen.
・Als u denkt dat batterijen zijn ingeslikt of in enig deel van het lichaam zijn gestopt, roep dan onmiddellijk medische hulp in.
VOORZICHTIG
・Er bestaat een risico op ontploffing als de batterij wordt vervangen door een verkeerd type.
・Vervang de batterij door een van hetzelfde type.
VOORZICHTIG
・Er bestaat een risico op ontploffing of lekkage van brandbare vloeistof of gas.

・Niet gebruiken in/bewaren in/meenemen naar een omgeving met extreem hoge temperatuur of met extreem lage druk als gevolg van zeer grote hoogte.
・Een gebruikte batterij niet verbranden, platdrukken, of doorsnijden.

⚠ : Ce pictogramme est une marque de sécurité/avertissement.
・Ne pas ingérer la pile.
Risques de brûlure chimique
・Ce produit contient une pile bouton.
・Si la pile bouton est avalée, elle peut causer de graves brûlures internes en seulement 2 heures et peut entraîner la mort.
・Conservez les piles neuves et usagées hors de portée des enfants.
・Si le compartiment de la pile ne ferme pas correctement, cessez d'utiliser le produit et conservez-le hors de portée des enfants.
・Si vous pensez que des piles ont pu être avalées ou placées à l'intérieur d'une partie du corps, consultez immédiatement un médecin.
AVERTISSEMENT
・Risque d'explosion si la pile est remplacée par un type incorrect.
・Remplacez la pile par une pile du même type.
AVERTISSEMENT
・Risque d'explosion ou de fuite de liquide ou de gaz inflammable.

・Ne jamais utiliser, stocker, placer dans un environnement à la température extrêmement élevée ou à la pression extrêmement basse en raison d'une très haute altitude.
・Ne jamais essayer de brûler, écraser ou couper des piles usagées.

⚠: Det här märket är ett säkerhets-/varningsmärke.
・Förtär inte batteriet.
Risk för kemisk brännskada
・Den här produkten innehåller ett mynt-/knappbatteri.
・Om mynt-/knappbatteriet sväljs kan det orsaka allvarliga interna brännskador på bara två timmar, vilket kan leda till dödsfall.
・Håll nya och använda batterier borta från barn.
・Om batterifacket inte stängs ordentligt, sluta använda produkten och håll den undan från barn.
・Om du misstänker att batterier har svalts eller placerats inuti någon del av kroppen, sök omedelbart läkarvård.
VARNING
・Risk för explosion om batteriet byts ut mot ett av fel typ.
・Byt ut batteriet mot ett av samma typ.
VARNING
・Risk för explosion eller läckage av brandfarliga vätskor och gaser.

・Använd inte, förvara inte och ta inte in i miljö med extremt hög temperatur eller extremt lågt tryck p.g.a. hög höjd.
・Försök inte bränna, krossa eller skära använt batteri.

⚠ : Dette mærke er et sikkerheds-/advarselsmærke.
・Batteriet må ikke indtages.
Fare for kemisk forbrænding
・Dette produkt indeholder et mønt-/knapcellebatteri.
・Hvis mønt-/knapcellebatteriet sluges, kan det medføre alvorlige indre forbrændinger i løbet af kun 2 timer og kan føre til dødsfald.
・Opbevar nye og brugte batterier utilgængeligt for børn.
・Hvis batterirummet ikke kan lukkes ordentligt, skal du indstille brugen af produktet og opbevare det utilgængeligt for børn.
・Hvis du har mistanke om, at der måske er blevet slugt batterier, eller batterier på anden måde er kommet ind i kroppen, skal du øjeblikkeligt søge lægehjælp.
FORSIGTIG
・Risiko for eksplosion, hvis batteriet udskiftes med en forkert type.
・Udskift batteriet med et batteri af samme type.
FORSIGTIG
・Risiko for eksplosion eller lækage af brændbar væske eller gas.

・Må ikke anvendes på/opbevares på/tages med til meget varme steder eller steder med meget lavt tryk som følge af ekstreme højder.
・Forsøg ikke at brænde, knuse eller adskille brugte batterier.

⚠: Dieses Symbol ist ein Sicherheits-/Warnsymbol.
・Verschlucken Sie die Batterie nicht.
Verätzungsgefahr
・Dieses Produkt enthält eine Knopfzellenbatterie.
・Falls die Knopfzellenbatterie verschluckt wird, kann dies innerhalb von nur 2 Stunden schwere innere Verätzungen verursachen und zum Tode führen.
・Halten Sie neue und gebrauchte Batterien von Kindern fern.
・Falls sich das Batteriefach nicht sicher schließen lässt, stellen Sie die Verwendung des Produkts ein und halten Sie es von Kindern fern.
・Falls Sie glauben, dass Batterien eventuell verschluckt oder in einen Teil des Körpers eingeführt worden sind, begeben Sie sich sofort in ärztliche Behandlung.
ACHTUNG
・Es besteht Explosionsgefahr, falls die Batterie durch eine Batterie der falschen Art ersetzt wird.
・Ersetzen Sie Batterien nur durch die gleiche Art.
ACHTUNG
・Es besteht Explosionsgefahr oder die Gefahr eines Austritts von brennbarer Flüssigkeit oder entzündlichem Gas.
・Das Produkt darf nicht in Umgebungen mit hohen Temperaturen oder extrem niedrigem Luftdruck aufgrund von extremen Höhenlagen verwendet / aufbewahrt / gebracht werden.
・Versuchen Sie nicht, gebrauchte Batterien zu verbrennen, zu zerstoßen oder zu schneiden.

⚠: Το σήμα αυτό είναι ένα σήμα ασφαλείας/προειδοποίησης.
・Μην καταπίνετε την μπαταρία.
Κίνδυνος χημικού εγκαύματος
・Αυτό το προϊόν περιέχει μια μπαταρία σχήματος νομίσματος / κουμπιού.
・Αν η μπαταρία σχήματος νομίσματος / κουμπιού καταποθεί, μπορεί να προκαλέσει σοβαρά εσωτερικά εγκαύματα σε μόλις 2 ώρες και μπορεί να επέλθει θάνατος.
・Διατηρείτε τις καινούργιες και τις χρησιμοποιημένες μπαταρίες μακριά από παιδιά.
・Εάν το διαμέρισμα της μπαταρίας δεν κλείνει καλά, σταματήστε τη χρήση του προϊόντος και κρατήστε το μακριά από παιδιά.
・Αν νομίζετε ότι οι μπαταρίες ενδέχεται να έχουν καταποθεί ή τοποθετηθεί μέσα σε οποιοδήποτε μέρος του σώματος, ζητήστε αμέσως ιατρική φροντίδα.
ΠΡΟΣΟΧΗ
・Υπάρχει κίνδυνος έκρηξης εάν η μπαταρία αντικατασταθεί με μπαταρία εσφαλμένου τύπου.
・Αντικαταστήστε την μπαταρία με μπαταρία του ίδιου τύπου.
ΠΡΟΣΟΧΗ
・Υπάρχει κίνδυνος έκρηξης ή διαρροής εύφλεκτων υγρών ή αερίων.
・Μη χρησιμοποιείτε / αποθηκεύετε / μεταφέρετε το προϊόν σε περιβάλλον με εξαιρετικά υψηλή θερμοκρασία ή εξαιρετικά χαμηλή πίεση λόγω πολύ μεγάλου υψομέτρου.
・Μην επιχειρήσετε να κάψετε, να συνθλίψετε ή να κόψετε μια χρησιμοποιημένη μπαταρία.

⚠ : Questo è un simbolo di sicurezza/avvertenza.
・Non ingerire la batteria.
Pericolo di ustioni chimiche
・Questo prodotto contiene una batteria a bottone/moneta.
・Se la batteria a bottone/moneta viene ingerita, può causare gravi ustioni interne in sole 2 ore e provocare la morte.
・Tenere le batterie nuove e usate lontano dalla portata dei bambini.
・Se il vano batteria non si chiude in modo saldo, interrompere l'utilizzo del prodotto e tenerlo lontano dalla portata dei bambini.
・Se si ritiene che le batterie siano state ingerite o inserite in qualsiasi parte del corpo, consultare immediatamente un medico.
ATTENZIONE
・Rischio di esplosione in caso di sostituzione della batteria con una di tipo errato.
・Sostituire la batteria con una dello stesso tipo.
ATTENZIONE
・Rischio di esplosione o di perdita di liquidi o gas infiammabili.

・Non utilizzare / immagazzinare / portare in ambienti con temperatura estremamente alta o pressione estremamente a causa dell'elevata altitudine.
・Non provare a bruciare, schiacciare o tagliare la batteria usata.

⚠: Este símbolo es un símbolo de seguridad/precaución.
・No ingerir la batería.
Peligro de quemadura química
・Este producto contiene una batería de pila de botón.
・Si se ingiere la batería de pila de botón, esta puede causar graves quemaduras internas en solo 2 horas y puede provocar la muerte.
・Mantenga las baterías nuevas y usadas alejadas de los niños.
・Si el compartimento de la batería no se cierra correctamente, deje de usar el producto y manténgalo alejado de los niños.
・Si cree que las baterías hayan podido ser ingeridas o introducidas en alguna parte del cuerpo, busque inmediatamente atención médica.
ATENCIÓN
・Riesgo de explosión si la batería es reemplazada por una del tipo incorrecto.
・Reemplace la batería por una del mismo tipo.
ATENCIÓN
・Riesgo de explosión o escape de líquido o gas inflamable.

・No usar / almacenar / introducir en un ambiente de temperatura extremadamente alta o de presión extremadamente baja a causa de la alta altitud.
・No intente quemar, aplastar, o cortar la batería usada.

⚠: Esta marca é uma marca de segurança/aviso.
・Não ingerir a pilha.
Perigo de Queimadura Química
・Este produto contém uma pilha de tipo moeda/botão.
・Se a pilha de tipo moeda/botão for engolida, poderá causar queimaduras internas graves em apenas 2 horas e levar à morte.
・Manter as pilhas novas e usadas longe de crianças.
・Se o compartimento da pilha não se fechar completamente, cessar a utilização do produto e manter fora do alcance das crianças.
・Caso seja possível que as pilhas tenham sido engolidas ou colocadas dentro de qualquer parte do corpo, procurar cuidados médicos imediatamente.
CUIDADO
・Risco de explosão se a pilha for substituída por uma de tipo incorreto.
・Substituir a pilha por uma do mesmo tipo.
CUIDADO
・Risco de explosão ou fuga de líquidos ou gases inflamáveis.

・Não utilizar/armazenar/colocar em ambiente de temperatura extremamente alta, ou pressão extremamente baixa devido a altitude muito alta.
・Não tentar queimar, esmagar ou cortar a pilha usada.

⚠: Din il-marka hija marka ta' sigurtá/twissija.
・Tiblax il-batterija.
Periklu ta' Ħruq Kimiku
・Dan il-prodott fih batterija munita / button cell.
・Jekk tinbela' l-batterija munita / button cell, tista' tikkawża ħruq intern sever f'temp ta' sagħtejn biss u tista' twassal għall-mewt.
・Żomm il-batteriji ġodda u użati 'l bogħod mit-tfal.
・Jekk il-kompartiment tal-batterija ma jagħlaqx sew, waqqaf l-użu tal-prodott u żommu 'l bogħod mit-tfal.
・Jekk taħseb li l-batteriji setgħu nbelgħu jew tpoġġew ġewwa xi parti tal-ġisem, fittex attenzjoni medika immedjata.
ATTENZJONI
・Riskju ta' splużjoni jekk il-batterija tiġi ssostitwita b'tip inkorrett.
・Ibdel il-batterija bl-istess tip.
ATTENZJONI
・Riskju ta' splużjoni jew tnixxija ta' likwidu jew gass fjammabbli.

・Tużahx / taħżnux / iġġibux f'ambjent ta' temperatura estremament għolja jew pressjoni estremament baxxa minħabba l-altitudni għolja ħafna.
・Tippruvax taħraq, tfarrak jew tqatta' l-batteriji użati.

⚠: See märk on ohutus-/hoiatusmärk.
•Ärge patareid alla neelake.
Keemilise põletuse oht
•See toode sisaldab mündi/nööbi tüüpi elemendiga patareid.
•Mündi/nööbi tüüpi elemendiga patarei allaneelamine võib põhjustada raskeid sisemisi põletusi juba 2 tunni jooksul ning võib lõppeda surmaga.
•Hoidke uued ja kasutatud patareid lastele kättesaamatus kohas.
•Kui patareipesa ei sulgu kindlalt, lõpetage toote kasutamine ja hoidke seda lastele kättesaamatus kohas.
•Kui te arvate, et patareid võivad olla alla neelatud või mistahes kehaossa sattunud, pöörduge viivitamatult arsti poole.
ETTEVAATUST
•Plahvatusoht vahetamisel vale tüüpi patareiga.
•Vahetage sama tüüpi patareiga.
ETTEVAATUST
•Plahvatuse või tuleohtliku vedeliku või gaasi lekke oht.

•Ärge kasutage, hoidke ega tooge keskkonda eriti kõrge temperatuuriga või eriti madala rõhuga väga suure kõrguse tõttu merepinnast.
•Ärge üritage põletada, purustada ega lõigata kasutatud patareid.

⚠ : Ez a jelzés biztonsági/figyelmeztető jelzés.
•Ne nyelje le az elemet.
Vegyi anyag okozta égésisérülés-veszély
•Ez a termék gombelemet tartalmaz.
•Amennyiben a gombelemet lenyeli, az mindössze 2 órán belül komoly belső égési sérüléseket okozhat és halálhoz vezethet.
•Az új és használt elemeket tartsa távol a gyermekektől.
•Amennyiben az elemtartó rekesz nem zárható biztonságosan, függessze fel a termék használatát és tartsa gyermekektől távol.
•Amennyiben úgy véli, hogy az elemet lenyelték vagy bármely testrészbe helyezték, haladéktalanul forduljon orvoshoz.
VIGYÁZAT
•Nem megfelelő típusú csereelem használata robbanásveszélyes.
•Az elemcseréhez azonos típusú elemet használjon.
VIGYÁZAT
•Robbanásveszély vagy gyúlékony folyadékok vagy gázok szivárgása.

•Ne használja/ne tárolja/ne helyezze szélsőségesen magas hőmérsékletű környezetbe, és ne tegye ki a nagy magasságokban kialakuló rendkívül alacsony nyomásnak.
•A használt elemet ne kísérelje meg elégetni, összezúzni vagy szétvágni.

⚠ : Toto je bezpečnostná/výstražná značka.
・Dbajte na to, aby nedošlo k prehltnutiu batérie.
Nebezpečenstvo poleptania chemikáliou
・Tento výrobok obsahuje mincovú/gombíkovú batériu.
・Ak dôjde k prehltnutiu mincovej/gombíkovej batérie, už v priebehu 2 hodín môže spôsobiť vážne vnútorné poleptanie a viesť k usmrteniu.
・Nové a použité batérie uchovávajte mimo dosahu detí.
・Ak sa priestor pre batériu nezatvorí bezpečne, prestaňte používať výrobok a uchovávajte ho mimo dosahu detí.
・Ak si myslíte, že mohlo dôjsť k prehltnutiu batérií alebo ich umiestneniu do ktorejkoľvek časti tela, okamžite vyhľadajte lekársku pomoc.
UPOZORNENIE
・Hrozí nebezpečenstvo výbuchu, ak sa batéria vymení za nesprávny typ.
・Vymeňte batériu za rovnaký typ.
UPOZORNENIE
・Nebezpečenstvo výbuchu alebo úniku horľavej kvapaliny alebo horľavého plynu.

・Nepoužívajte/neskladujte v prostredí/neprinášajte do prostredia s mimoriadne vysokou teplotou, alebo mimoriadne nízkym tlakom v dôsledku veľmi vysokej nadmorskej výšky.
・Nepokúšajte sa spáliť, rozdrviť ani rozrezať použitú batériu.

⚠ : Tento symbol je bezpečnostním/výstražným symbolem.
・Baterii nepolykejte.
Nebezpečí chemických popálenin
・Tento výrobek obsahuje mincovou/knoflíkovou baterii.
・Pokud dojde ke spolknutí mincové/knoflíkové baterie, může za pouhé 2 hodiny způsobit závažné vnitřní popáleniny a v jejich důsledku případně i smrt.
・Použité a nové baterie udržujte mimo dosah dětí.
・Pokud nelze prostor pro baterii pevně uzavřít, přestaňte výrobek používat a udržujte jej mimo dosah dětí.
・Pokud si myslíte, že mohlo dojít ke spolknutí baterie nebo jejímu vsunutí dovnitř kterékoliv části těla, okamžitě vyhledejte lékařskou pomoc.
UPOZORNĚNÍ
・Nebezpečí výbuchu v případě výměny baterie za nesprávný druh baterie.
・Proto baterii vždy vyměňte za jinou stejného typu.
UPOZORNĚNÍ
・Nebezpečí výbuchu nebo úniku hořlavé kapaliny či plynu.

・Nepoužívejte/neskladujte/nepřinášejte je do prostředí s nesmírně vysokou teplotou nebo nesmírně nízkým tlakem zapříčiněným vysokou nadmořskou výškou.
・Nesnažte se baterii spálit, rozdrtit či rozříznout.

⚠ : Ta oznaka je varnostna/opozorilna oznaka.
•Ne zaužijte baterije.
Nevarnost kemijske opekline
•Ta izdelek vsebuje gumbasto baterijo.
•Če se gumbasto baterijo zaužije, lahko to povzroči hude notranje opekline v le 2 urah in lahko vodi v smrt.
•Nove in rabljene baterije hranite izven dosega otrok.
•Če se predalček za baterijo ne zapira pravilno, prenehajte z uporabo izdelka in ga hranite izven dosega otrok.
•Če sumite, da je morda nekdo zaužil baterijo ali jo dal v kateri koli del telesa, takoj poiščite zdravniško pomoč.
POZOR
•Nevarnost eksplozije, če baterijo zamenjate z baterijo napačne vrste.
•Zamenjajte baterijo z istim tipom.
POZOR
•Tveganje za eksplozijo ali puščanje vnetljivih tekočin ali plinov.

•Ne uporabljajte/shranjujte/prinašajte v okolje izredno visoke temperature ali izredno nizkega tlaka zaradi zelo visoke nadmorske višine.
•Ne poskušajte zažigati, uničiti, ali rezati rabljene baterije.

⚠: Šis ženklas yra saugos/įspėjamasis ženklas.
•Neprarykite baterijos.
Cheminio nudegimo pavojus
•Šiame gaminyje yra monetos/sagos formos baterija.
•Prarijęs monetos/sagos formos bateriją, asmuo per 2 valandas gali patirti sunkius vidinius nudegimus ir netgi mirti.
•Naujas ir panaudotas baterijas laikykite vaikams nepasiekiamoje vietoje.
•Jei baterijų skyrelio nepavyksta tvirtai uždaryti, nebenaudokite gaminio ir laikykite jį vaikams nepasiekiamoje vietoje.
•Jei manote, kad baterijos buvo prarytos arba pateko į kūną, nedelsdami kreipkitės į gydytoją.
PERSPĖJIMAS
•Bateriją pakeitus netinkamo tipo baterija, kyla sprogimo pavojus.
•Pakeiskite seną bateriją tik to paties tipo nauja baterija.
PERSPĖJIMAS
•Sprogimo arba degių skysčių ar dujų nuotėkio pavojus.

•Negalima naudoti/laikyti/turėti labai aukštos temperatūros arba labai dideliame aukštyje esančioje itin žemo slėgio aplinkoje.
•Naudotos baterijos nebandykite deginti, ardyti ar perpjauti.

⚠ : Šī zīme ir drošības/brīdinājuma zīme.
•Nenorijiet bateriju.
Ķīmisku apdegumu briesmas
•Šis izstrādājums satur tabletes tipa bateriju.
•Ja ir norīta tabletes tipa baterija, tā 2 stundu laikā var radīt smagus apdegumus un izraisīt nāvi.
•Jaunas un lietotas baterijas uzglabājiet bērniem nepieejamā vietā.
•Ja bateriju nodalījumu nevar droši aizvērt, pārtrauciet lietot izstrādājumu un novietojiet to bērniem nepieejamā vietā.
•Ja jūsuprāt baterijas ir norītas vai ievietotas kādā ķermeņa daļā, nekavējoties vērsieties pēc medicīniskās palīdzības.
UZMANĪBU!
•Eksplozijas risks, ja baterija tiek nomainīta ar nepareiza tipa bateriju.
•Bateriju nomainiet pret tāda paša tipa bateriju.
UZMANĪBU!
•Eksplozijas vai uzliesmojoša šķidruma vai gāzes noplūdes risks.

•Nelietojiet, neuzglabājiet un neievietojiet vidē ar ļoti augstu temperatūru, kā arī vidē, kur ļoti lielā augstuma virs jūras līmeņa dēļ ir ļoti zems spiediens.
•Nemēģiniet sadedzināt, sagraut vai sagriezt nolietoto bateriju.

⚠ : ten symbol oznacza niebezpieczeństwo/ostrzeżenie.
•Nie połykać baterii.
Ryzyko oparzenia chemicznego
•Ten produkt zawiera baterię guzikową.
•Połknięta bateria guzikowa może spowodować poważne oparzenia wewnętrzne w czasie jedynie 2 godzin i prowadzić do śmierci.
•Przechowywać nowe i zużyte baterie z dala od dzieci.
•Jeśli solidne zamknięcie komory baterii jest niemożliwe, zaprzestać użytkowania produktu i przechowywać go w miejscu niedostępnym dla dzieci.
•W przypadku podejrzenia, że mogło dojść do połknięcia baterii lub ich umieszczenia w dowolnym otworze ciała, niezwłocznie uzyskać pomoc lekarską.
PRZESTROGA
•Istnieje ryzyko wybuchu, jeśli bateria zostanie zastąpiona baterią niewłaściwego typu.
•Wymieniać baterię na baterię tego samego typu.
PRZESTROGA
•Ryzyko wybuchu lub wycieku łatwopalnego płynu lub gazu.

•Nie używać i nie przechowywać w otoczeniu o skrajnie wysokiej temperaturze lub skrajnie niskim ciśnieniu wynikającym z bardzo dużej wysokości ani nie wnosić do takiego otoczenia.
•Nie podejmować prób spalenia, zgniecenia lub przecięcia zużytej baterii.

⚠ : Този знак е знак за безопасност/предупреждение.
•Не поглъщайте батерията.
Опасност от химическо изгаряне
•Този продукт съдържа плоска/бутонна батерия.
•Ако плоската/бутонна батерия бъде погълната, тя може да причини тежки вътрешни изгаряния само за 2 часа и може да доведе до смърт.
•Пазете новите и използваните батерии далеч от деца.
•Ако отделението за батериите не се затваря добре, спрете да използвате продукта и го дръжте далеч от деца.
•Ако смятате, че батериите може да са били погълнати или поставени в някоя част на тялото, незабавно потърсете медицинска помощ.
ВНИМАНИЕ
•Опасност от експлозия, ако батерията бъде сменена с неправилен тип.
•Сменете батерията със същия вид.
ВНИМАНИЕ
•Опасност от експлозия или изтичане на запалими течности или газове.

•Не използвайте/съхранявайте/носете в среда с изключително висока температура или изключително ниско налягане, причинено от голямата височина.
•Не се опитвайте да изгаряте, смачквате или режете използваната батерия.

⚠ : Acest marcaj este un marcaj de securitate/avertizare.
•Nu ingerați bateria.
Pericol de arsuri chimice
•Acest produs conține o baterie tip pastilă.
•Dacă bateria tip pastilă este înghițită, aceasta poate cauza arsuri interne grave în numai 2 ore și poate duce la deces.
•Nu lăsați bateriile noi și bateriile uzate la îndemâna copiilor.
•În cazul în care compartimentul bateriei nu se închide bine, încetați utilizarea produsului și nu îl lăsați la îndemâna copiilor.
•Dacă bănuiți că este posibil ca bateriile să fi fost înghițite sau introduse în orice parte a corpului, consultați imediat medicul.
ATENȚIE
•Risc de explozie dacă bateria este înlocuită cu un tip incorect.
•Înlocuiți bateria cu una de același tip.
ATENȚIE
•Risc de explozie sau de scurgeri de lichide sau gaze inflamabile.

•Nu utilizați/depozitați într-un mediu cu temperatură extrem de înaltă sau cu presiune extrem de joasă din cauza altitudinii foarte mari.
•Nu încercați să ardeți, să spargeți sau să tăiați bateriile uzate.

⚠ : Ova oznaka je oznaka sigurnosti/upozorenja.
・Nemojte gutati bateriju.
Opasnost od kemijskih opeklina
・Ovaj proizvod sadrži novčić/gumb bateriju.
・Ako se novčić/gumb baterija proguta, može uzrokovati ozbiljne unutarnje opekline u samo 2 sata i može dovesti do smrti.
・Držite nove i rabljene baterije izvan dohvata djece.
・Ako se pretinac za baterije ne zatvara sigurno, prestanite koristiti proizvod i držite ga dalje od djece.
・Ako smatrate da su baterije možda progutane ili smještene unutar bilo kojeg dijela tijela, zatražite hitnu medicinsku pomoć.
OPREZ
・Ako je baterija zamijenjena pogrešnim tipom, postoji rizik od eksplozije.
・Zamijenite bateriju s baterijama iste vrste.
OPREZ
・Rizik od eksplozije ili istjecanja zapaljive tekućine ili plina.

・Nemojte koristiti u /pohranjivati u /unijeti u prostoru izuzetno visoke temperature ili izuzetno niskog tlaka zbog visoke nadmorske visine.
・Ne pokušavajte spaliti, lomiti ili rezati istrošenu bateriju.

⚠ : Þetta tákn er öryggis-/aðvörunartákn.
・Gleypið ekki rafhlöðuna.
Hætta á efnabruna
・Þessi vara inniheldur flata rafhlöðu.
・Ef rafhlaðan er gleypt getur hún valdið alvarlegum innvortis bruna á innan við 2 klukkustundum sem getur leitt til dauða.
・Geymið nýjar og notaðar rafhlöður þar sem börn ná ekki til.
・Ef rafhlöðuhólfið lokast ekki örugglega skal hætta notkun vörunnar og geyma hana þar sem börn ná ekki til.
・Ef þú telur að rafhlöður hafi verið gleyptar eða settar inn í eitthvert líkamsop, skaltu hafa samband við lækni tafarlaust.
VARÚÐ
・Hætta á sprengingu ef rafhlöðunni er skipt út fyrir ranga tegund.
・Skiptið rafhlöðunni ávallt út fyrir sömu tegund.
VARÚÐ
・Hætta á sprengingu eða leka á eldfimum vökva eða lofttegundum.

・Má ekki nota/geyma/setja í umhverfi þar sem er afar hár hiti, eða afar lágur þrýstingur vegna mikillar hæðar.
・Ekki reyna að brenna, kremja eða skera notaða rafhlöðu.

⚠ : Dette merket er et sikkerhets-/advarselsmerke.
・Ikke svelg batteriet.
Kjemisk brannfare
・Dette produktet inneholder et mynt-/knappecellebatteri.
・Dersom mynt-/knappecellebatteriet svelges, kan det frembringe alvorlige indre forbrenninger i løpet av kun to timer, og kan være dødelig.
・Hold nye og brukte batterier borte fra barn.
・Lukkes ikke batterirommet sikkert må du stanse å bruke produktet og holde det utenfor barns rekkevidde.
・Oppsøk medisinsk hjelp umiddelbart hvis du tror at batterier kan være svelget eller plassert inne i kroppen.
FORSIKTIG
・Eksplosjonsfare hvis batteriet erstattes med feil type.
・Bytt batteri med samme type.
FORSIKTIG
・Fare for eksplosjon eller lekkasje av brannfarlig væske eller gass.

・Ikke bruk i/oppbevar i/ta med inn i miljø med ekstremt høy temperatur eller ekstremt lavt trykk på grunn av den svært store høyden.
・Ikke forsøk å brenne, knuse eller skjære opp et brukt batteri.

⚠ : Ova oznaka je sigurnosna/upozoravajuća oznaka.
・Nemojte gutati bateriju.
Opasnost od hemijskih opekotina
・Ovaj proizvod sadrži bateriju veličine kovanice/dugmeta.
・Ako se baterija veličine kovanice/dugmeta proguta, može izazvati ozbiljne unutrašnje opekotine za samo 2 sata i može dovjesti do smrti.
・Čuvajte nove i korišćene baterije dalje od djece.
・Ako se prostor za baterije ne zatvori dobro, prestanite sa korišćenjem proizvoda i držite ga dalje od djece.
・Ako mislite da su baterije možda progutane ili stavljene u unutrašnjost bilo kog dijela tijela, potražite hitnu medicinsku pomoć.
OPREZ
・Opasnost od eksplozije ako se baterija zamijeni s baterijom pogrešnog tipa.
・Zamijenite bateriju sa baterijom istog tipa.
OPREZ
・Opasnost od eksplozije ili curenja zapaljive tečnosti ili gasa.

・Nemojte koristiti /skladištiti /unositi u okruženje izuzetno visoke temperature ili izuzetno niskog pritiska usljed veoma velike visine.
・Ne pokušavajte da spalite, lomite ili isječete iskorišćenu bateriju.

⚠ : Kjo është shenjë sigurie/paralajmërimi.
・Mos e gëlltisni baterinë.
Rrezik djegieje kimike
・Ky produkt përmban një bateri të hollë në formë monedhe/kopse.
・Nëse bateria e hollë në formë monedhe/kopse gëlltitet, ajo mund të shkaktojë djegie të rënda të brendshme brenda vetëm 2 orëve dhe mund të sjellë vdekjen.
・Mbajini bateritë e reja dhe të përdorura larg nga fëmijët.
・Nëse foleja e baterisë nuk mbyllet mirë, ndaloni përdorimin e produktit dhe mbajeni larg nga fëmijët.
・Nëse mendoni se bateritë mund të jenë gëlltitur ose futur brenda ndonjë pjese trupi, kërkoni menjëherë vëmendjen e mjekut.
KUJDES
・Rrezik shpërthimi nëse bateria zëvendësohet me një lloj të pasaktë.
・Zëvendësojeni baterinë me të njëjtin lloj.
KUJDES
・Rrezik shpërthimi nga rrjedhja e lëngut apo gazit të ndezshëm.

・Mos e përdorni / ruani / sillni në mjedise me temperaturë jashtëzakonisht të lartë ose presion jashtëzakonisht të ulët në lartësi shumë të mëdha.
・Mos u përpiqni të digjni, shtypni ose prisni baterinë e përdorur.

⚠ : Ova oznaka je oznaka za bezbednost/upozorenje.
・Nemojte gutati bateriju.
Opasnost od hemijskih opekotina
・Ovaj proizvod sadrži bateriju u obliku novčića/dugmeta.
・Ako se baterija u obliku novčića/gumba proguta, može da izazove ozbiljne interne opekotine za samo 2 sada i može da dovede do smrti.
・Nove i korišćene baterije čuvajte van domašaja dece.
・Ako se odeljak za bateriju ne zatvori dobro, prestanite da koristite proizvod i čuvajte ga van domašaja dece.
・Ako mislite da su baterije možda progutane ili stavljene unutar bilo kog dela tela, odmah zatražite medicinsku pomoć.
OPREZ
・Rizik od eksplozije ako je baterija zamenjena nepravilnim tipom.
・Zamenite bateriju sa istim tipom.
OPREZ
・Rizik od eksplozije ili curenja zapaljive tečnosti ili gasa.

・Ne koristite/ne čuvajte/ne donosite u sredinu izuzetno visoke temperature ili izuzetno niskog pritiska usled vrlo visoke visine.
・Ne pokušavajte da zapalite, smrvite ili isečete korišćenu bateriju.

⚠ : Bu işaret bir güvenlik/uyarı işaretidir.
•Pili yutmayın.
Kimyasal Yanma Tehlikesi
•Bu üründe bir düğme pil bulunmaktadır.
•Düğme pil yutulursa, sadece 2 saat içinde ağır iç yanıklara neden olabilir ve ölüme yol açabilir.
•Yeni ve kullanılmış pilleri çocuklardan uzak tutun.
•Pil yuvası emniyetli bir şekilde kapanmıyorsa, ürünü kullanmayı bırakın ve çocuklardan uzak tutun.
•Pillerin yutulduğunu veya vücudun herhangi bir parçasının içine yerleştirildiğini düşünüyorsanız, derhal tıbbi yardım alın.
DİKKAT
•Pil yanlış tür bir pille değiştirilirse patlama riski vardır.
•Pili aynı tür pillerle değiştirin.
DİKKAT
•Patlama ya da yanıcı sıvı veya gaz sızıntısı riski vardır.

•Aşırı derecede yüksek sıcaklıktaki veya çok yüksek rakımdan dolayı aşırı derecede düşük basınca sahip ortamlarda kullanmayın /saklamayın veya bu ortamlara götürmeyin.
•Kullanılmış pili yakmaya, ezmeye veya kesmeye çalışmayın.

⚠ WARNING

■ Caution regarding interference with electronic devices

● People with implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should maintain a reasonable distance between themselves and the smart entry & start system antennas. (→P.207) The radio waves may affect the operation of such devices. If necessary, the entry function can be disabled. Ask any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for details, such as the frequency of radio waves and timing of the emitted radio waves. Then, consult your doctor to see if you should disable the entry function.

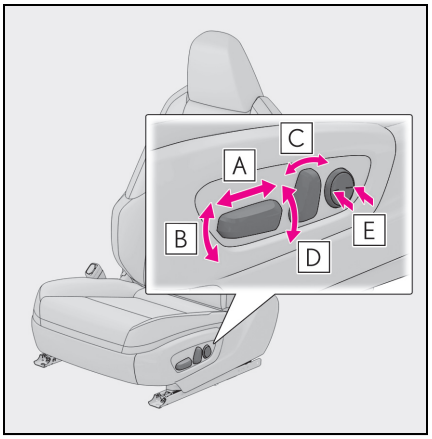
● Users of any electrical medical device other than implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should consult the manufacturer of the device for information about its operation under the influence of radio waves.
Radio waves could have unexpected effects on the operation of such medical devices.

Ask any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for details on disabling the entry function.

Front seats

The seats can be adjusted (longitudinally, vertically, etc.). Adjust the seat to ensure the correct driving posture.

Adjustment procedure



A Seat position adjustment switch

B Seat cushion (front) angle adjustment switch

C Seatback angle adjustment switch

D Vertical height adjustment switch

E Lumbar support adjustment switch (for driver's side)

■ When adjusting the seat

- Make sure that any surrounding passengers or objects are not contact the seat.
- Take care when adjusting the seat so that the head restraint does not touch the ceiling.

⚠ WARNING

■ When 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.
- Make sure to leave enough space around the feet so they do not get stuck.

■ Seat adjustment

To reduce the risk of sliding under the lap belt during a collision, do not recline the seat more than necessary.
If the seat is too reclined, 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 in the event of an accident.
Adjustments should not be made while driving as the seat may unexpectedly move and cause the driver to lose control of the vehicle.

Rear seats

The seatbacks of the rear seats can be folded down.

Folding down the rear seatbacks

■ Before folding down the rear seatbacks

1 Park the vehicle in a safe place.

Apply the parking brake firmly and shift the shift position to P. (→P.302)

2 Adjust the position of the front seat and the angle of the seatback. (→P.269)

Depending on the position of the front seat, if the seatback is folded backward, it may interfere with the operation of the rear seat.

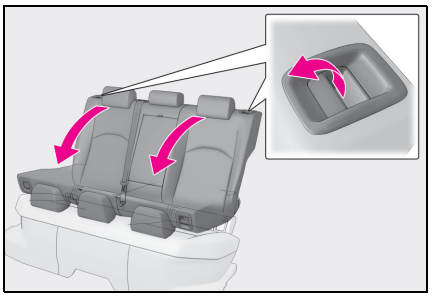
3 Lower the head restraint of the rear seat. (→P.271)

4 Stow the armrest of the rear seat if it is pulled out. (→P.452)

This step is not necessary when operating the left side seat only.

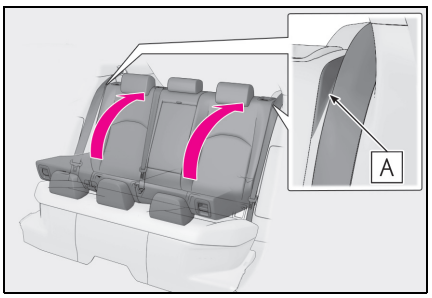
■ Folding down rear seatbacks

Pull the seatback lock release lever and fold the seatback down.



■ Returning the rear seatbacks

To avoid trapping the seat belt between the seat and the inside of the vehicle, pass the seat belt inside the seat belt guide A and then return the seatback securely to the locked position.



⚠ WARNING

■ When folding the rear seatbacks down

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

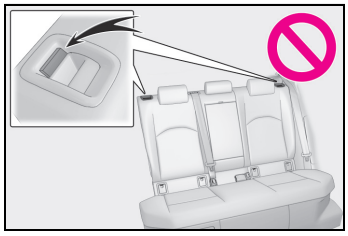
- Do not attempt to fold the seatbacks down while driving.
- Stop the vehicle on level ground, set the parking brake and shift the shift position to P.
- Do not allow anyone to sit on a folded seatback or in the luggage compartment while driving.
- Do not allow children to enter the luggage compartment.
- Do not operate the rear seat if it is occupied.
- Be careful not to get feet or hands caught in the moving parts or joints of the seats during operation.
- Do not allow children to operate the seat.

WARNING

■ After returning the rear seatback to the upright position

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

- Make sure that the seatback is securely locked in position by lightly pushing it back and forth. If the seatback is not securely locked, the red marking will be visible on the seatback lock release lever. Make sure that the red marking is not visible.



- Check that the seat belts are not twisted or caught in the seatback.

Head restraints

Head restraints are provided for all seats.

WARNING

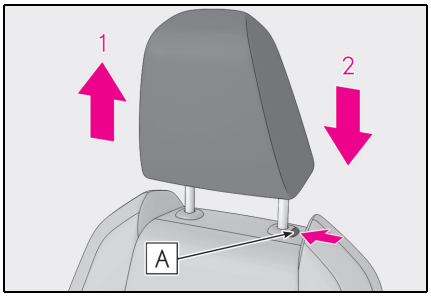
■ Head restraint precautions

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

- Use the head restraints designed for each respective seat.
- Adjust the head restraints to the correct position at all times.
- After adjusting the head restraints, push down on them and make sure they are locked in position.
- Do not drive with the head restraints removed.

Vertical adjustment

■ Front seats



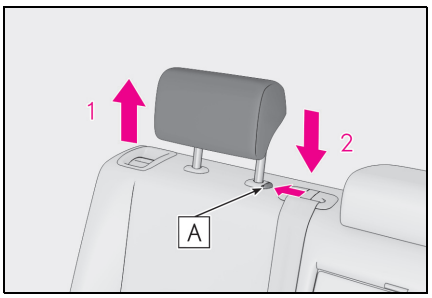
1 Up

Pull the head restraints up.

2 Down

Push the head restraint down while pressing the lock release button A .

■ Rear seats



1 Up

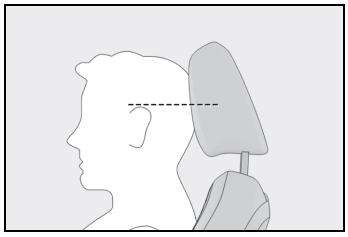
Pull the head restraints up.

2 Down

Push the head restraint down while pressing the lock release button A .

■ **Adjusting the height of the head restraints (front seats)**

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

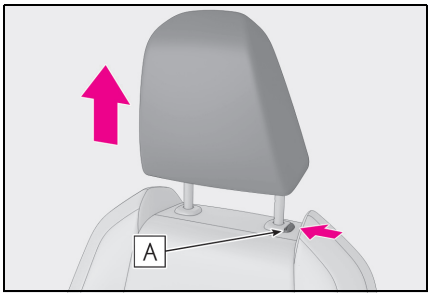


■ **Adjusting the rear seat head restraint**

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

Removing the head restraints

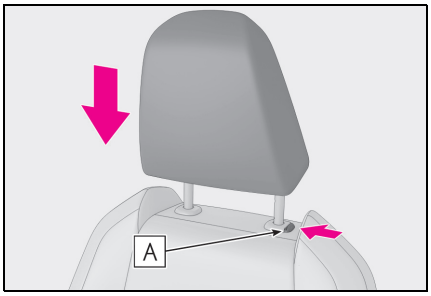
Pull the head restraint up while pressing the lock release button A .
If the head restraint touches the ceiling, making the removal difficult, change the seat height or angle. (→P.269, 270)



Installing the head restraints

Align the head restraint with the installation holes and push it down to the lock position.

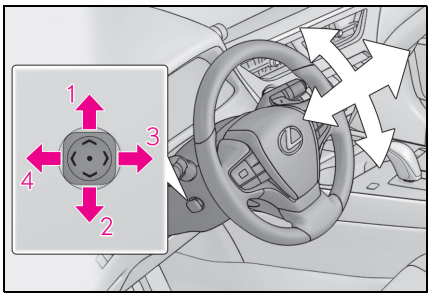
Press and hold the lock release button A when lowering the head restraint.



Steering wheel

Adjustment procedure

Operating the switch moves the steering wheel in the following directions:



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

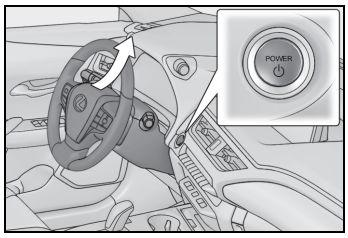
The steering wheel can be adjusted when

The power switch is in ACC or ON*.

*: If the driver's seat belt is fastened, the steering wheel can be adjusted regardless of power switch mode.

Enabling easier driver entry and exit (auto tilt away)

When the power switch is turned off, the steering wheel returns to its stowed position by moving up and away. Turning the power switch to ACC or ON will return the steering wheel to the original position.



Customization

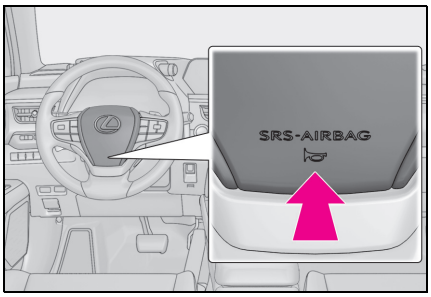
The auto tilt away function can be changed. (Customizable features:→P.560)

WARNING

Caution while driving

Do not adjust the steering wheel while driving.
Doing so may cause the driver to mishandle the vehicle and cause an accident, resulting in death or serious injury.

Sounding the horn



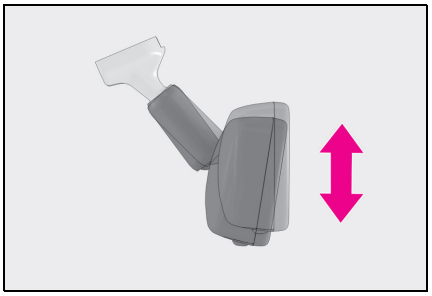
Press on or close to the mark.

Inside rear view mirror

The rear view mirror's position can be adjusted to enable sufficient confirmation of the rear view.

Adjusting the height of rear view mirror

The height of the rear view mirror can be adjusted to suit your driving posture.
Adjust the height of the rear view mirror by moving it up and down.



WARNING

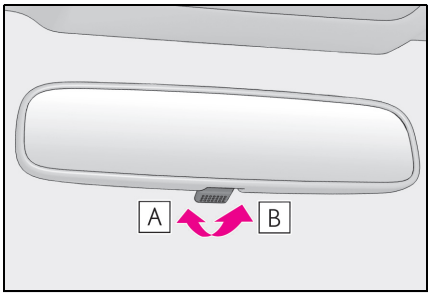
■ Caution while driving

Do not adjust the position of the mirror while driving.
Doing so may lead to mishandling of the vehicle and cause an accident, resulting in death or serious injury.

Anti-glare function

▶ Manual anti-glare inside rear view mirror

Reflected light from the headlights of vehicles behind can be reduced by operating the lever.



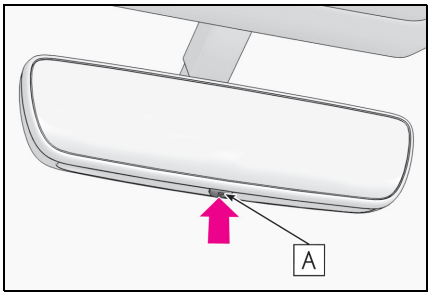
A Normal position

B Anti-glare position

▶ Auto anti-glare inside rear view mirror

Responding to the level of brightness of the headlights of vehicles behind, the reflected light is automatically reduced.
Turn the automatic anti-glare function mode on/off

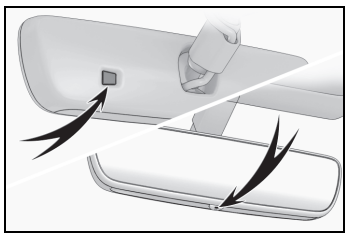
When the automatic anti-glare function is in ON, the indicator A illuminates. The function will set to ON each time the power switch is turned to ON.
Pressing the button turns the function to OFF mode. (The indicator A also turns off.)



■ To prevent sensor error (vehicles with auto anti-glare inside rear view mirror)

To ensure that the sensors operate prop-

erly, do not touch or cover them.



Outside rear view mirrors

The rear view mirror's position can be adjusted to enable sufficient confirmation of the rear view.

WARNING

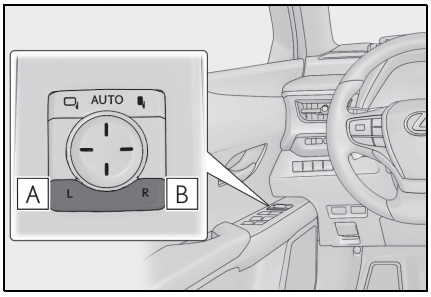
■ Important points while driving

Observe the following precautions while driving.
Failing to do so may result in loss of control of the vehicle and cause an accident, resulting in death or serious injury.

- Do not adjust the mirrors while driving.
- Do not drive with the mirrors folded.
- Both the driver and passenger side mirrors must be extended and properly adjusted before driving.

Adjustment procedure

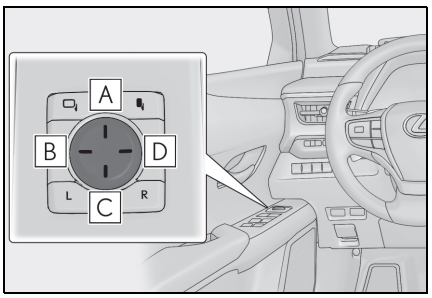
1 To select a mirror to adjust, press the switch.



A Left

B Right

2 To adjust the mirror, press the switch.



A Up

B Left

C Down

D Right

■ Mirror angle can be adjusted when

The power switch is in ACC or ON.

■ Defogging the mirrors

The outside rear view mirrors can be cleared using the mirror defoggers. Turn on the rear window defogger to turn on the outside rear view mirror defoggers. (→P.421)

■ Auto anti-glare function (if equipped)

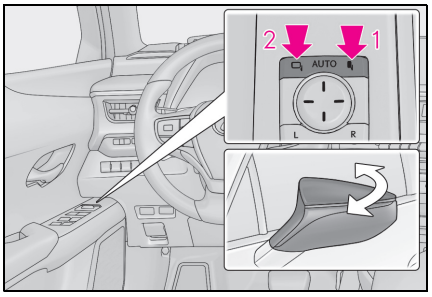
When the anti-glare inside rear view mirror is set to automatic mode, the outside rear view mirrors will activate in conjunction with the anti-glare inside rear view mirror to reduce reflected light. (→P.274)

WARNING

■ When the mirror defoggers are operating

Do not touch the rear view mirror surfaces, as they can become very hot and burn you.

Folding and extending the mirrors



1 Fold

2 Extend

Vehicles with automatic mode: Putting the outside rear view mirror folding switch in the neutral position sets the mirrors to automatic mode. Automatic mode allows the folding or extending of the mirrors to be linked to locking/unlocking of the doors.

■ Using automatic mode in cold weather (if equipped)

When automatic mode is used in cold weather, the door mirror could freeze up and automatic stowing and return may not be possible. In this event, after removing any ice and snow from the door mirror, operate the mirror using manual mode or move it by hand.

■ Customization

The automatic mirror folding and extending operation can be changed. (Customizable features:→P.560)

WARNING

■ When a mirror is moving

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

Linked mirror function when reversing (if equipped)

When the mirror select switch is in the "L" or "R" position, the outside rear view mirrors will automatically angle downwards when the vehicle is reversing in order to give a better view of the ground.
To disable this function, move the mirror select switch to the neutral position (between "L" or "R")

Adjusting the mirror angle when the vehicle is reversing

With the shift position in R, adjust the mirror angle at a desired position.

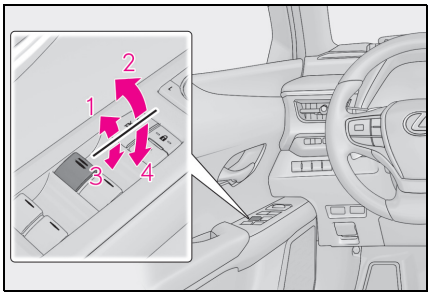
The adjusted angle will be memorized and the mirror will automatically tilt to the memorized angle whenever the shift position is shifted to R from next time.

The memorized downward tilt position of the mirror is linked to the normal position (angle adjusted with the shift position in other than R). Therefore, if the normal position is changed after adjustment, the tilt position will also change.
When the normal position is changed, readjust the angle in reversing.

Power windows

Opening and closing the power windows

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



1 Closing

2 One-touch closing*

3 Opening

4 One-touch opening*

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

■ The power windows can be operated when

The power switch is in ON.

■ Operating the power windows after turning the EV system off

The power windows can be operated for approximately 45 seconds even after the power switch is turned to ACC or OFF. They cannot, however, be operated once either front door is opened.

■ Jam protection function

If an object becomes jammed between the window and the window frame while the window is closing, window movement is stopped and the window is opened slightly.

■ Catch protection function

If an object becomes caught between the door and window while the window is opening, window movement is stopped.

■ When the window cannot be opened or closed

When the jam protection function or catch protection function operates unusually and the side window cannot be opened or closed, perform the following operations with the power window switch of that door.

- Stop the vehicle. With the power switch in ON, within 4 seconds of the jam protection function or catch protection function activating, continuously operate the power window switch in the one-touch closing direction or one-touch opening direction so that the side window can be opened and closed.
- If the side window cannot be opened and closed even when performing the above operations, perform the following procedure for function initialization.

1 Turn the power switch to ON.
2 Pull and hold the power window switch in the one-touch closing direction and completely close the side window.
3 Release the power window switch for a moment, resume pulling the switch in the one-touch closing direction, and hold it there for approximately 6 seconds or more.
4 Press and hold the power window switch in the one-touch opening direction. After the side window is completely opened, continue holding the switch for an additional 1 second or more.
5 Release the power window switch for a moment, resume pushing the switch in the one-touch opening direction, and hold it there for approximately 4 seconds or more.
6 Pull and hold the power window switch in the one-touch closing direction again. After the side window is completely closed, continue holding the switch for a further 1 second or more.

If you release the switch while the window is moving, start again from the beginning.
If the window reverses and cannot be fully

closed or opened, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **Door lock linked window operation**

- The power windows can be opened and closed using the mechanical key.* (→P.540)
- The power windows can be opened and closed using the wireless remote control.* (→P.190)

*: These settings must be customized at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **Power windows open warning buzzer**

The buzzer sounds and "Window Open" is shown on the multi-information display in the instrument cluster when the power switch is turned off and the driver's door is opened with the power windows open.

■ **Customization**

Setting (e.g. linked door lock operation) can be changed. (Customizable features: →P.561)

WARNING

Observe the following precautions. Failing to do so may result in death or serious injury.

■ **Closing the windows**

- The driver is responsible for all the power window operations, including the operation for the passengers. In order to prevent accidental operation, especially by a child, do not let a child operate the power windows. It is possible for children and other passengers to have body parts caught in the power window. Also, when riding with a child, it is recommended to use the window lock switch. (→P.279)
- 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.
- When using the wireless remote control or mechanical key and operating the power windows, operate the power window after checking to make sure that there is no possibility of any passenger having any of their body parts caught in the window. Also do not let a child operate window by the wireless remote control or mechanical key. It is possible for children and other passengers to get caught in the power window.
- When exiting the vehicle, turn the power switch off, carry the key and exit the vehicle along with the child. There may be accidental operation, due to mischief, etc., that may possibly lead to an accident.

■ **Jam protection function**

- Never use any part of your body to intentionally activate the jam protection function.
- The jam protection function may not work if something gets jammed just before the window is fully closed. Be careful not to get any part of your body jammed in the window.

■ **Catch protection function**

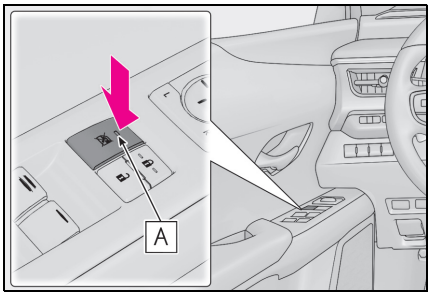
- Never use any part of your body or clothing to intentionally activate the catch protection function.
- The catch protection function may not work if something gets caught just before the window is fully opened. Be careful not to get any part of your body or clothing caught in the window.

Preventing accidental operation (window lock switch)

This function is designed to prevent children from accidentally opening or closing a passenger window.

Press the switch.

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



■ **The power windows can be operated when**

The power switch is in ON.

■ **When the 12-volt battery is disconnected**

The window lock switch is disabled. If necessary, press the window lock switch after reconnecting the 12-volt battery.

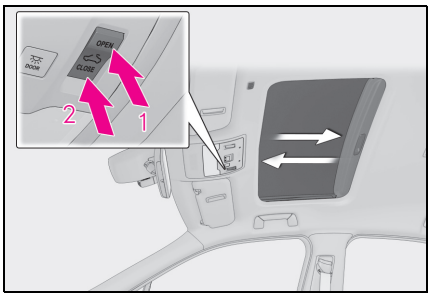
Moon roof*

*: If equipped

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

Operating the moon roof

■ Opening and closing



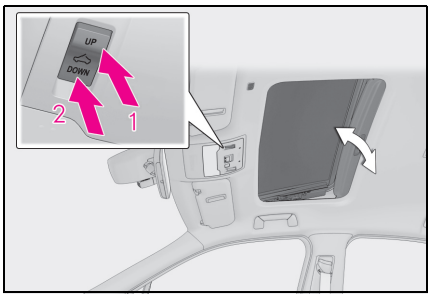
1 Opens the moon roof*

The moon roof tilts up and then fully opens.

2 Closes the moon roof*

*: Lightly press either side of the moon roof switch to stop the moon roof partway.

■ Tilting up and down



1 Tilts the moon roof up*

2 Tilts the moon roof down*

*: Lightly press either side of the moon roof

switch to stop the moon roof partway.

■ **The moon roof can be operated when**

The power switch is in ON.

■ **Operating the moon roof after turning the EV system off**

The moon roof can be operated for approximately 45 seconds after the power switch is turned to ACC or OFF. It cannot, however, be operated once either front door is opened.

■ **Jam protection function**

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

■ **Sunshade**

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

■ **Door lock linked moon roof operation**

- The moon roof can be opened and closed using the mechanical key.* (→P.540)
- The moon roof can be opened and closed using the wireless remote control.* (→P.190)

*: These settings must be customized at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **When the moon roof does not close normally**

Perform the following procedure:

1 Stop the vehicle.

2 Press and hold the "CLOSE" switch.*

The moon roof will close, reopen and pause for approximately 10 seconds. Then it will close again and stop at the completely closed position.

3 Check to make sure that the moon roof is completely closed and then release the switch.

*: If the switch is released at the incorrect time, the procedure will have to be performed again from the beginning.

If the moon roof does not fully close even after performing the above procedure correctly, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **If the moon roof does not move normally**

If the moon roof does not open or close normally or the automatic opening function does not operate, perform the following initialization procedure.

1 Stop the vehicle.

2 Press and hold the "DOWN" switch.*

The moon roof will stop at the tilt-up position. After that, it will open, close, tilt up, tilt down, and stop at the fully closed position.

3 Confirm that the moon roof has completely stopped and release the switch.

*: If you release the switch while the moon roof is moving, perform the procedure again from the beginning.

If, after performing the above procedures correctly, the moon roof still does not open or close normally or the automatic opening function does not operate, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **Moon roof open warning buzzer**

A buzzer sounds and "Moon Roof Open" is shown on the multi-information display in the instrument cluster when the power switch is turned off and the driver's door is opened with the moon roof open.

■ **Customization**

Some functions can be customized. (→P.561)

⚠ WARNING

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

WARNING

■ **Opening the moon roof**

- 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.

■ **Opening and closing the moon roof**

- The driver is responsible for moon roof opening and closing operations. In order to prevent accidental operation, especially by a child, do not let a child operate the moon roof. It is possible for children and other passengers to have body parts caught in the moon roof.
- Check to make sure that all passengers do not have any part of their body in a position where it could be caught when the moon roof is being operated.
- When using the wireless remote control or mechanical key and operating the moon roof, operate the moon roof after checking to make sure that there is no possibility of any passenger having any of their body parts caught in the moon roof. Also, do not let a child operate moon roof by the wireless remote control or mechanical key. It is possible for children and other passengers to get caught in the moon roof.
- When exiting the vehicle, turn the power switch off, carry the key and exit the vehicle along with the child. There may be accidental operation, due to mischief, etc., that may possibly lead to an accident.

■ **Jam protection function**

- Never use any part of your body to intentionally activate the jam protection function.
- The jam protection function may not work if something gets caught just before the moon roof is fully closed. Also, the jam protection function is not designed to operate while the moon roof switch is being pressed. Take care so that your fingers, etc. do not get caught.

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Driving the vehicle

The specified procedures should be observed to ensure safe driving:

Driving procedure

■ **Before starting the EV system**

Check that the charging cable is disconnected. (→P.130, 138)

■ **Starting the EV system**

→P.292

■ **Driving**

1 With the brake pedal depressed, shift the shift position to D. (→P.297)

Check that the shift position indicator shows D.

2 If the parking brake is set, release the parking brake. (→P.302)

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

■ **Stopping**

1 Depress the brake pedal.

2 If necessary, set the parking brake. (→P.302)

If the vehicle is to be stopped for an extended period of time, shift the shift position to P. (→P.298)

■ **Parking the vehicle**

1 Depress the brake pedal and stop the vehicle completely.

2 If the parking brake is released, set the parking brake. (→P.302)

3 Shift the shift position to P. (→P.298)

Check that the shift position indicator shows 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.

■ **Starting off on a steep uphill**

1 Firmly depress the brake pedal and shift the shift position to D.

The hill-start assist control will be activated.

2 Pull the parking brake switch and parking brake is set manually. (→P.302)

3 Release the brake pedal and gently depress the accelerator pedal to accelerate the vehicle.

4 Press the parking brake switch and parking brake is released manually. (→P.302)

■ **When starting off on a uphill**

The hill-start assist control will be activated. (→P.404)

■ **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.

■ **Restraining the EV system output (Brake Override System)**

● When the accelerator and brake pedals are depressed at the same time, the EV system output may be restrained.

● A warning message is displayed on the multi-information display and head-up display (if equipped) while the system is operating. (→P.519)

■ **Restraining sudden start (Drive-Start Control)**

● When the following unusual operation is performed, the EV system output may be restrained.

- When the shift position is shifted from R to D, D to R, N to R, P to D*, or P to R* with the accelerator pedal depressed, a warning message appears on the multi-information display and head-up display (if equipped). If a warning message is shown on the multi-information display and head-up display, read the message and follow the instructions.
- When the accelerator pedal is depressed too much while the vehicle is in reverse.

*: Depending on the situation, the shift position may not change.

● While Drive-Start Control is being activated, your vehicle may have trouble escaping from the mud or fresh snow. In such case, deactivate TRC (→P.404) to cancel Drive- Start Control so that the vehicle may become able to escape from the mud or fresh snow.

■ **Breaking in your new Lexus**

To extend the life of the vehicle, observing the following precautions is recommended:

● For the first 300 km (186 miles):
Avoid sudden stops.

● For the first 1000 km (621 miles):

- Do not drive at extremely high speeds.
- Avoid sudden acceleration.
- Do not drive at a constant speed for extended periods.

WARNING

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

■ **When starting the vehicle**

Always keep your foot on the brake pedal while stopped with the "READY" indicator is illuminated. 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.
- 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. This allows 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.

● The driver should pay extra attention to pedestrians. As there is no engine noise, the pedestrians may misjudge the vehicle's movement. Even though the vehicle is equipped with the Acoustic Vehicle Alerting System, drive with care as pedestrians in the vicinity may still not notice the vehicle if the surrounding area is noisy.

WARNING

- During normal driving, do not turn off the EV system. Turning the EV system off while driving will not cause loss of steering or braking control, however, power assist to the steering will be lost. This will make it more difficult to steer smoothly, so you should pull over and stop the vehicle as soon as it is safe to do so. In the event of an emergency, such as if it becomes impossible to stop the vehicle in the normal way: →P.506
- Use regenerative braking 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.296)
- If "Regenerative Braking Limited Press Brake to Decelerate" appears on the multi-information display, firmly depress the brake pedal to decelerate the vehicle. (→P.524)
- Do not adjust the positions 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.
- Always check that all passengers' arms, heads or other parts of their body are not outside the vehicle.
- Do not drive across a river or through other bodies of water.
  This may cause electric/electronic components to short circuit, damage the EV system or cause other serious damage to the vehicle.

■ When driving on slippery road surfaces

- Sudden braking, acceleration and steering may cause tire slippage and reduce your ability to control the vehicle.
- Sudden acceleration or regenerative braking due to shift changing could 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.

■ When shifting the shift position

- Do not let the vehicle roll backward while a forward driving position is selected, or roll forward while the shift position is in R.
  Doing so may result in an accident or damage to the vehicle.
- Do not shift the shift position to P while the vehicle is moving.
  Doing so can damage the transmission and may result in a loss of vehicle control.
- Do not shift the shift position to R while the vehicle is moving forward.
  Doing so can damage the transmission and may result in a loss of vehicle control.
- Do not shift the shift position to a driving position while the vehicle is moving backward.
  Doing so can damage the transmission and may result in a loss of vehicle control.
- Changing the shift position to N while the vehicle is moving will disengage the EV system. Regenerative braking is not available when N is selected.

WARNING

- Be careful not to shift the shift position with the accelerator pedal depressed. Shifting the shift position to any position other than P or N may lead to unexpected rapid acceleration of the vehicle that may cause an accident and result in death or serious injury. After changing the shift position, make sure to confirm the current shift position displayed on the shift position indicator inside the meter.

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

Have the brake pads checked and replaced by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as soon as possible. Rotor damage may result if the pads are not replaced when needed.
Front brakes only (except Israel): Moderate levels of 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 those of the brake discs are exceeded.

When the vehicle is stopped

- Do not depress the accelerator pedal unnecessarily.
  If the shift position is in any position other than P or N, the vehicle may accelerate suddenly and unexpectedly, causing an accident.
- In order to prevent accidents due to the vehicle rolling away, always keep depressing the brake pedal while stopped with the "READY" indicator is illuminated, and apply the parking brake as necessary.
- If the vehicle is stopped on an incline, in order to prevent accidents caused by the vehicle rolling forward or backward, always depress the brake pedal and securely apply the parking brake as needed.

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.
  Doing 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 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.
- Do not leave cigarette lighters in the vehicle. If a cigarette lighter is in a place such as the glove box or on the floor, it may be lit accidentally when luggage is loaded or the seat is adjusted, causing a fire.
- Do not attach adhesive discs to the windshield or windows. Do not place containers such as air fresheners on the instrument panel or dashboard. Adhesive discs or containers may act as lenses, causing a fire in the vehicle.
- Do not leave a door or window open if the curved glass is coated with a metallized film such as a silver-colored one. Reflected sunlight may cause the glass to act as a lens, causing a fire.

WARNING

- Always shift the shift position to P, apply the parking brake, stop the EV system and lock the vehicle.
  Do not leave the vehicle unattended while the "READY" indicator is illuminated.
  If the vehicle is parked with the shift position in P but the parking brake is not set, the vehicle may start to move, possibly leading to an accident.

When taking a nap in the vehicle

Always turn the EV system off. Otherwise, you may accidentally move the shift lever or depress the accelerator pedal, causing the vehicle to unintentionally move, which can lead to an accident, resulting in death or serious injury.

When braking

- When the brakes are wet, drive more cautiously.
  Braking distance increases when the brakes are wet, and this 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 electronically controlled brake system does not operate, do not follow other vehicles closely and avoid hills or sharp turns that require braking.
  In this case, braking is still possible, but the brake pedal should be depressed more firmly than usual. Also, the braking distance will increase. Have your brakes fixed immediately.
- The brake system consists of 2 or more individual hydraulic systems; if one of the systems fails, the other(s) will still operate. In this case, the brake pedal should be depressed more firmly than usual and the braking distance will increase. Have your brakes fixed immediately.

NOTICE

When driving the vehicle

- Do not depress the accelerator and brake pedals at the same time during driving, as this may restrain the EV system output.
- Do not use the accelerator pedal or depress the accelerator and brake pedals at the same time to hold the vehicle on a hill.

Avoiding damage to vehicle parts

- Do not turn the steering wheel fully in either direction and hold it there for an extended period of 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 get a flat tire while driving

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

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

Information on what to do in case of a flat tire (→P.526)

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:

- Short in electrical components
- Traction battery damage caused by water immersion

NOTICE

In the event that you drive on a flooded road and the vehicle is flooded, be sure to have any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer check the following:

- Brake function
- Changes in quantity and quality of transmission fluid, etc.
- Lubricant condition for the bearings and suspension joints (where possible), and the function of all joints, bearings, etc.
- Components connected to the traction battery.

If the shift control system is damaged by flooding, it may not be possible to shift the shift position to P, or from P to other positions. In this case, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ When parking the vehicle

Always set the parking brake, and shift the shift position to P. Failure to do so may cause the vehicle to move or the vehicle may accelerate suddenly if the accelerator pedal is accidentally depressed.

■ When involved in a minor accident

Damage to the traction battery or battery peripheral components could cause malfunctions. Even if it is a minor accident, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Cargo and luggage

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

WARNING

■ Things that must not be carried in the luggage compartment

The following things may cause a fire if loaded in the luggage compartment:

- Receptacles containing gasoline
- Aerosol cans

■ Storage precautions

Observe the following precautions. Failure to do so may prevent the pedals from being depressed properly, may block the driver's vision, or may result in items hitting the driver or passengers, possibly causing an accident.

- Stow cargo and luggage in the luggage compartment whenever possible.
- Do not stack cargo and luggage in the luggage compartment higher than the seatbacks.
- When you fold down the rear seats, long items should not be placed directly behind the front seats.
- Never allow anyone to ride in the luggage compartment. It is not designed for passengers. They should ride in their seats with their seat belts properly fastened.

WARNING

- Do not place cargo or luggage in or on the following locations.
  - At the feet of the driver
  - On the front passenger or rear seats (when stacking items)
  - On the luggage cover
  - On the instrument panel
  - On the dashboard
  - In front of the Center Display
- Secure all items in the occupant compartment.

■ Load and distribution

- Do not overload your vehicle.
- Do not apply loads unevenly. Improper loading may cause deterioration of steering or braking control which may cause death or serious injury.

■ When using a roof luggage carrier (vehicles with roof rails)

Observe the following precautions:

- Place the cargo so that its weight is distributed evenly between the front and rear axles.
- If loading long or wide cargo, never exceed the vehicle overall length or width. (→P.550)
- Before driving, make sure the cargo is securely fastened on the roof luggage carrier.
- Loading cargo on the roof luggage carrier will make the center of gravity of the vehicle higher. Avoid high speeds, sudden starts, sharp turns, sudden braking or abrupt maneuvers, otherwise it may result in loss of control or vehicle rollover due to failure to operate this vehicle correctly and result in death or serious injury.
- If driving for a long distance, on rough roads, or at high speeds, stop the vehicle now and then during the trip to make sure the cargo remains in its place.
- Do not exceed 80 kg (176.3 lb.) cargo weight on the roof luggage carrier.

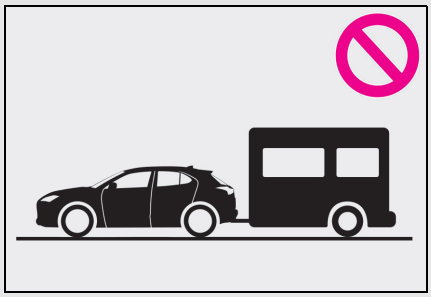
NOTICE

■ When loading cargo (vehicles with moon roof)

Be careful not to scratch the surface of the moon roof.

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 vehicle is not designed for trailer towing or for the use of tow hitch mounted carriers.



Power (ignition) switch

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. (→P.130, 138)

2 Press the parking brake switch to check that the parking brake is set. (→P.302)

Parking brake indicator will come on.

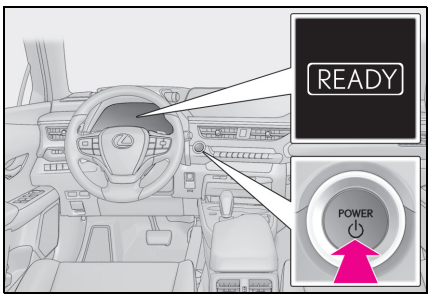
3 Firmly depress the brake pedal.

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 in N, the EV system cannot start. Shift the shift position to P when starting the EV system. (→P.298)

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.

■ **Power switch illumination**

According to the situation, the power switch illumination operates as follows.

- When a front door is opened, or the power switch mode is changed from ACC or ON to OFF, the power switch illumination slowly blinks.
- When depressing the brake pedal with carrying the electronic key on your person, the power switch illumination rapidly blinks.
- When the power switch is in ACC or ON, the power switch illumination illuminates.

■ **If the EV system does not start**

- The immobilizer system may not have been deactivated. (→P.75)
  Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- The charging cable may be connected to the vehicle. (→P.130, 138)
- If a message related to start-up is shown on the multi-information display, read the message and follow the instructions.
- The smart entry & start system may not be operating properly. (→P.540)
- Right-hand drive vehicles only: If the door is unlocked with the mechanical key, the

EV system cannot be started using the smart entry & start system. Refer to P.540 to start the EV system. However, if the electronic key is carried inside the vehicle and the doors are locked (→P.192), the EV system can be started.

■ **When the ambient temperature is low, such as during winter driving conditions**

- When starting the EV system, the flashing time of the "READY" indicator may be long. Leave the vehicle as it is until the "READY" indicator is steady on, as steady means the vehicle is able to move.
- When the traction battery is extremely cold (below approximately -30°C [-22°F]) under the influence of the outside temperature, it may not be possible to start the EV system. In this case, try to start the EV system again after the temperature of the traction battery increases due to the outside temperature increase etc.

■ **Sounds and vibrations specific to an electric vehicle**

→P.94

■ **If the 12-volt battery is discharged**

The EV system cannot be started using the smart entry & start system. Refer to P.541 to restart the EV system.

■ **Electronic key battery depletion**

→P.186

■ **Conditions affecting operation**

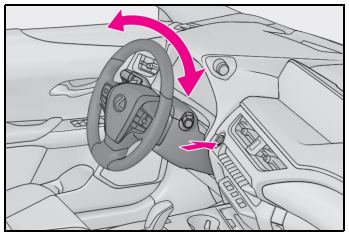
→P.208

■ **Note for the entry function**

→P.209

■ **Steering lock function**

- After turning the power switch off and opening and closing the doors, the steering wheel will be locked due to the steering lock function. Operating the power switch again automatically cancels the steering lock.
- When the steering lock cannot be released, "Push POWER Switch while Turning the Steering Wheel in Either Direction" will be displayed on the multi-information display.
  Check that the shift position is in P. Press the power switch shortly and firmly while turning the steering wheel left and right.



- To prevent the steering lock motor from overheating, operation of the motor may be suspended if the EV system is turned on and off repeatedly in a short period of time. In this case, refrain from operating the EV system. After about 10 seconds, the steering lock motor will resume functioning.

■ **If the "READY" indicator does not come on**

In the event that the "READY" indicator does not come on even after performing the proper procedures for starting the vehicle, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

■ **If the EV system is malfunctioning**

→P.98

■ **Electronic key battery**

→P.496

■ **Operation of the power switch**

- If the switch is not pressed shortly and firmly, the power switch mode may not change or the EV system may not start.
- If attempting to restart the EV system immediately after turning the power switch off, the EV system may not start in some cases. After turning the power switch off, please wait a few seconds before restarting the EV system.

■ **Customization**

If the smart entry & start system has been deactivated in a customized setting, refer to

P.539.

WARNING

■ **When starting the EV system**

Always start the EV system while sitting in the driver's seat. Do not depress the accelerator pedal while starting the EV system under any circumstances. Doing so may cause an accident resulting in death or serious injury.

■ **Caution while driving**

If EV system failure occurs while the vehicle is moving, do not lock or open the doors until the vehicle reaches a safe and complete stop. Otherwise the steering lock function will activate and this may lead to an accident, resulting in death or serious injury.

NOTICE

■ **When starting the EV system**

If the EV system becomes difficult to start, have your vehicle checked by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

■ **Symptoms indicating a malfunction with the power switch**

If the power switch seems to be operating somewhat differently than usual, such as the switch sticking slightly, there may be a malfunction. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

Stopping the EV system

1 Stop the vehicle completely.

2 If the parking brake is in manual mode, set the parking brake. (→P.302)

3 Shift the shift position to P. (→P.298)

Check that the shift position indicator shows P and the parking brake indicator is illuminated. (→P.297)

4 Press the power switch.

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

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

■ **Automatic P position selection function**

→P.298

WARNING

■ **Stopping the EV system in an emergency**

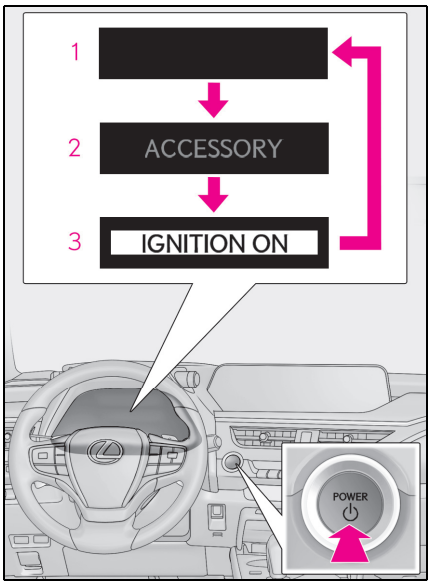
- If you want to stop the EV system in an emergency while driving the vehicle, press and hold the power switch for more than 2 seconds, or press it briefly 3 times or more in succession. (→P.506)
  However, do not touch the power switch while driving except in an emergency. Turning the EV system off while driving will not cause loss of steering or braking control, however, power assist to the steering will be lost. This will make it more difficult to steer smoothly, so you should pull over and stop the vehicle as soon as it is safe to do so.
- If the power switch is operated while the vehicle is running, a warning message will be shown on the multi-information display and a buzzer sounds.

WARNING

- When restarting the EV system while the vehicle is moving after an emergency shutdown while driving, shift the shift position to N and press the power switch shortly and firmly.

Changing power switch modes

Modes can be changed by pressing the power switch with the 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.
"IGNITION ON" will be displayed on the meter.

Auto power off function

If the vehicle is left in ACC for more than 20 minutes or ON (the EV system is not operating) for more than an hour with the shift position in P, the power switch will automatically turn off. However, this function cannot entirely prevent the 12-volt battery discharge. Do not leave the vehicle with the power switch in ACC or ON for long periods of time when the EV system is not operating.

When the shift control system malfunctions

When attempting to turn the power switch off while there is a malfunction in the shift control system, the power switch mode may change to ACC. In this case, ACC may be turned off by applying the parking brake and pressing the power switch again. If there is a malfunction in the system, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

NOTICE

To prevent 12-volt battery discharge

- Do not leave the power switch in ACC or ON for long periods of time without the EV system on.
- If "ACCESSORY" or "IGNITION ON" is displayed on the multi-information display while the EV system is not operating, the power switch is not OFF. Exit the vehicle after turning the power switch off.

Transmission

Select the shift position depending on your purpose and situation.

Shift position purpose and function

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

■ **For the shift positions**

- When the power switch is OFF or in ACC, the shift position cannot be changed.
- When the power switch is in ON (the EV system is not operating), the shift position can only be changed to N.
- When the "READY" indicator is on, the shift position can be changed from P to D, N or R.
- When the "READY" indicator is flashing, the shift position cannot be changed from P to other positions even if the shift lever is operated. Wait until the "READY" indicator changes from a flashing to a solid light, and then operate the shift lever again.
- The shift position can only be changed to B directly from D.

In addition, if an attempt is made to change the shift position by moving the shift lever or by pressing the P position switch in any of the following situations, the buzzer will sound and the shifting operation will be disabled or the shift position will automatically change to N. When this happens, select an appropriate shift position.

- Situations where the shifting operation will be disabled:
  - When an attempt is made to change the shift position from P to other positions by moving the shift lever without depressing the brake pedal.
  - When an attempt is made to change the shift position from P or N to B by moving the shift lever.
  - When the P position switch is pressed while the vehicle is running.*1
- Situations where the shift position will automatically change to N:
  - When an attempt is made to select the R position by moving the shift lever when the vehicle is moving forward.*2
  - When an attempt is made to select the D position by moving the shift lever when the vehicle is moving in reverse.*3
  - When the shift position is changed from R to B
- If N is selected while driving at a certain speed, even if the shift lever is not held in the N position, the shift position changes to N. In this situation, the buzzer sounds and a confirmation message is displayed on the multi-information display to inform the driver that the shift position has changed to N.

*1: Shift position may be changed to P when driving at extremely low speeds.

*2: Shift position may be changed to R when driving at low speeds.

*3: Shift position may be changed to D when driving at low speeds.

■ **Reverse warning buzzer**

When shifting into R, a buzzer will sound to inform the driver that the shift position is in R.

■ **Restraining sudden start (Drive-Start Control)**

→P.285

■ **If a message about a shift operation is shown**

To prevent the shift position from being selected incorrectly or the vehicle from moving unexpectedly, the shift position may be changed automatically or operating the shift lever may be required. In this case, change the shift position following the messages on the multi-information display.

■ **After recharging/reconnecting the 12-volt battery**

→P.469

WARNING

■ **When driving on slippery road surfaces**

Be careful of sudden acceleration, as this could result in the vehicle skidding to the side or spinning.

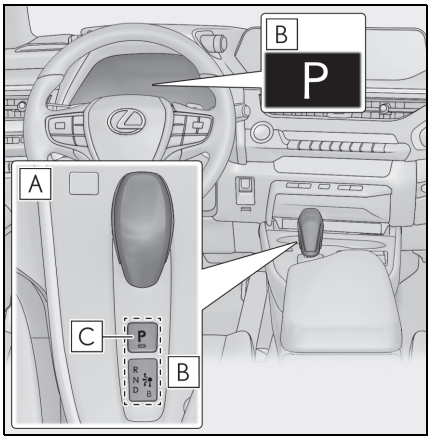
NOTICE

■ **Situations where shift control system malfunctions are possible**

If any of the following situations occur, shift control system malfunctions are possible. Immediately stop the vehicle in a safe place on level ground, apply the parking brake, and then contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

- When the warning message indicating the shift control system appears on the multi-information display. (→P.525)
- The display indicates that no shift position is selected for more than a few seconds.

Shifting the shift lever



A Shift lever

Operate the shift lever gently and securely in the direction of the arrow on the shift position indicator.

To shift to N, slide the shift lever in the direction of the arrow and hold it.

Release the shift lever after each shifting operation to allow it to return to its regular position (●).

Shifting to B is only possible when the shift position is in D.

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

B Shift position indicator

Meter display:

The current shift position is displayed.

Shift lever 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 P position switch

WARNING

■ For the shift lever

- Do not remove the shift lever knob or use anything but a genuine Lexus shift lever knob. Also, do not hang anything on the shift lever.
  Doing so could prevent the shift lever from returning to position, causing unexpected accidents to occur when the vehicle is in motion.
- In order to prevent the shift position from accidentally being changed, do not touch the shift lever when not using them.

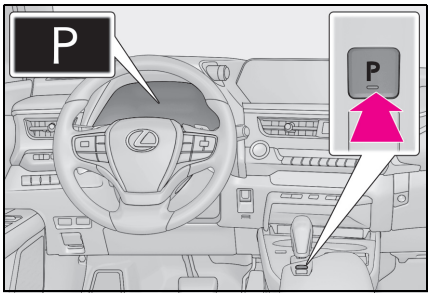
P position switch

■ When shifting the shift position to P

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.



■ Shifting the shift position from P to other positions

- While depressing the brake pedal firmly, operate the shift lever. If the shift lever is operated without depressing the brake pedal, the buzzer will sound and the shifting operation will be disabled.
- 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.
- The shift position cannot be changed from P to B directly.

■ Automatic P position selection function

In the following situations, the shift position is automatically changed to P.

- When pressing the power switch with the vehicle stopped while the power switch is in ON and the shift position is in a position other than P (after the shift position has changed to P, the power switch will turn off)*1
- If the driver's door is opened with the shift lever in a position other than P, the function operates when the following vehicle conditions are all satisfied*2:

• The power switch is in ON.
• The driver is not wearing the seat belt.
• The brake pedal is not depressed.

To start off the vehicle after the shift position is changed to P, operate the shift lever again.

- When the vehicle is stopped after the EV system has been stopped in an emergency while driving
- When voltage of the 12-volt battery drops while the shift position is in a position other than P

*1: When the power switch is pressed while driving at extremely slow speeds, such as immediately before stopping the vehicle, the shift position may automatically

change to P. Make sure that the vehicle is completely stopped before pressing the power switch.

*2: This function is a support function. Make sure you switch to P before getting off

When the power switch is changed to ACC with the shift position held in N

- Performing the following operations allows the power switch to be set to ACC with the shift position held in N.

1. Operate the shift lever and change the shift position to N when the EV system is operating.
2. Return the shift lever to its regular position (●).
3. Operate the shift lever to N and hold it there until the buzzer sounds.
4. Press the power switch within 5 seconds after the buzzer sounds.

The power switch will be set to ACC with the shift position in N.*

Make sure to check that the buzzer sounds and "Holding N Push P Switch When Done" is displayed on the multi-information display.

- To change to a shift position other than N, press the P position switch. The shift position will be changed to P.

*: To keep this state, do not operate the power switch. If the power switch is operated repeatedly, the power switch will turn off after the shift position has automatically changed to P.

If the shift position cannot be shifted from P

There is a possibility that the 12-volt battery is discharged. Check the 12-volt battery in this situation. (→P.541)

WARNING

P position switch

- Do not press the P position switch while the vehicle is moving.
  If the P position switch is pressed when driving at very low speeds (for example, directly before stopping the vehicle), the vehicle may stop suddenly when the shift position switches to P, which could lead to an accident.
- In order to prevent the shift position from accidentally being changed, do not touch the P position switch when not using them.

NOTICE

Notes regarding shift lever and P position switch operation

Avoid repeatedly operating the shift lever and P position switch in quick succession.
The system protection function may activate and it will not be temporarily possible to shift the shift position other than P. If this happens, please wait for a while before attempting to change the shift position again.

When leaving the vehicle (driver's seat only)

Check that the shift position indicator shows P, the parking brake indicator light is ON, open the door and leave the vehicle.

When changing the power switch to ACC with the shift position held in N

Even if the EV system is not operating, by operating the shift lever and the power switch, the power switch may be changed to ACC with the shift position held in N. Make sure that the EV system is operating before performing the operation.

Selecting the driving mode

Driving mode

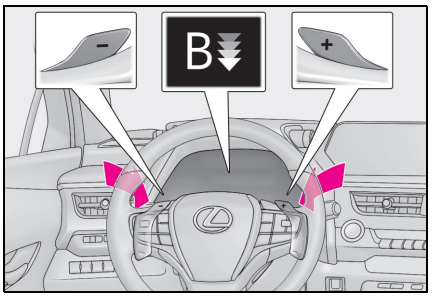
→P.402

Operation method for regenerative braking power selection mode

Shifting the shift position to B and operating the paddle shift switch enables driving with a fixed regenerative braking power when the acceleration pedal is released or the brake pedal is depressed.

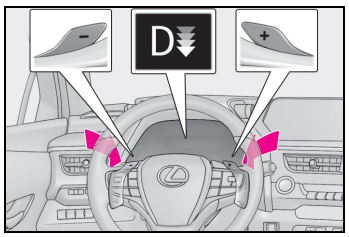
The regenerative braking power can be selected from 4 levels.

The regenerative braking power becomes strong as the number of the arrows of (regenerative braking power indicator) on the multi-information display increases.



To temporarily increase the regenerative braking power

Operating the "-" paddle shift switch while driving with the shift position in D increases the regenerative braking power. At this time, the regenerative braking power indicator will be displayed on the multi-information display.



The temporarily increase regenerative braking power is automatically deactivated in the following situations.

- The vehicle is stopped
- The accelerator pedal is continuously depressed for a certain period of time
- The shift position is shifted to a position other than D
- The "+" paddle shift switch is pressed and held

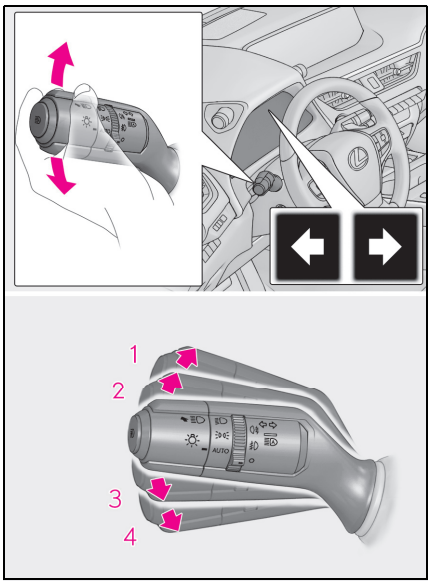
Using regenerative brake

- When high speed driving, the feeling of deceleration with regenerative braking is smaller than the deceleration feeling obtained on conventional vehicles.
- If "Regenerative Braking Limited Press Brake to Decelerate" appears on the multi-information display, firmly depress the brake pedal to decelerate the vehicle. (→P.524)

Turn signal lever

Operating instructions

The turn signal lever can be used to show the following intentions of the driver.



1 Right turn

2 Lane change to the right (move the lever partway and release it)

The right hand signals will flash 3 times.

3 Lane change to the left (move the lever partway and release it)

The left hand signals will flash 3 times.

4 Left turn

Turn signals can be operated when

The power switch is in ON.

If the indicator flashes faster than usual

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

If the turn signals stop flashing before a lane change has been performed

Operate the lever again.

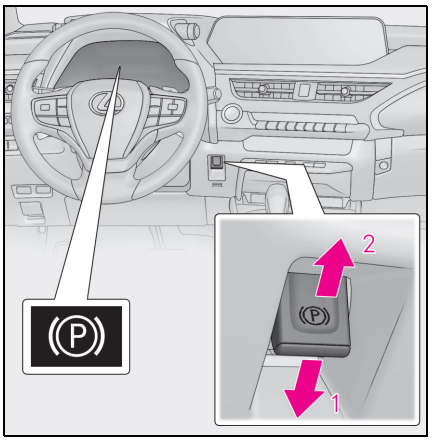
Parking brake

The parking brake can be set or released automatically or manually. In automatic mode, the parking brake can be set or released automatically according to shift lever operation. Also, even in automatic mode, the parking brake can be set or released manually.

Operating instructions

■ Using the manual mode

The parking brake can be set and released manually.



1 Push the switch to set the parking brake

The parking brake indicator light will turn on.

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

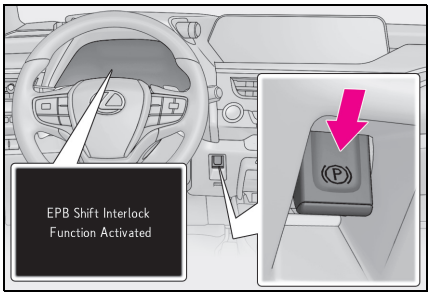
2 Pull the switch to release the parking brake

- 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.

■ Turning the automatic mode on

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



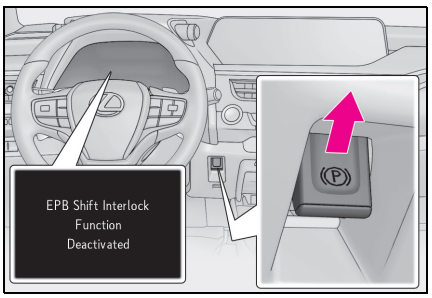
When the automatic mode is turned on, the parking brake operates as follows.

- 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 shift lever and P position switch with the vehicle stopped and the brake pedal depressed.

Turning the automatic mode off

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



Parking brake operation

- When the power switch is not in ON, the parking brake cannot be released using the parking brake switch.
- When the power switch is not in ON, automatic mode (automatic brake setting and releasing) is not available.

Parking brake automatic release function

- When the shift position is shifted from P, the parking brake will be released in automatic mode.
- When all of the following conditions are met in manual mode, the parking brake can be released by depressing the accelerator pedal.
  - The driver's door is closed
  - The driver is wearing the seat belt
  - The shift position is in D, B or R

If "Parking Brake Temporarily Unavailable" is displayed on the multi-information display

If the parking brake is operated repeatedly over a short period of time, the system may restrict operation to prevent overheating. If this happens, refrain from operating the parking brake. Normal operation will return after about 1 minute.

If "Parking Brake Unavailable" or "EPB Unavailable" is displayed on the multi-information display

Operate the parking brake switch. If the message does not disappear after operating the switch several times, the system may be malfunctioning. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Parking brake operation sound

When the parking brake operates, a motor sound (whirring sound) may be heard. This does not indicate a malfunction.

Parking brake indicator light

- Depending on the power switch mode, the parking brake indicator light will turn on and stay on as described below:
  ON: Comes on until the parking brake is released.
  Not in ON: Stays on for approximately 15 seconds.
- When the power switch is turned off with the parking brake set, the parking brake indicator light will stay on for about 15 seconds. This does not indicate a malfunction.

When the parking brake switch malfunctions

Automatic mode (automatic brake setting and releasing) will be turned on automatically.

Parking the vehicle

→P.284

Parking brake engaged warning buzzer

A buzzer will sound if the vehicle is driven with the parking brake engaged. "EPB Applied" is displayed on the multi-information display (with the vehicle reached a speed of 5 km/h [3 mph]).

If the brake system warning light comes on

→P.514

Usage in winter time

→P.408

WARNING

■ When parking the vehicle

Do not leave a child in the vehicle alone. The parking brake may be released unintentionally and there is the danger of the vehicle moving that may lead to an accident resulting in death or serious injury.

NOTICE

■ When parking the vehicle

Before you leave the vehicle, shift the shift position to P, set the parking brake and make sure that the vehicle does not move.

■ When the system malfunctions

Stop the vehicle in a safe place and check the warning messages.

■ When the parking brake cannot be released due to a malfunction

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

Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately if this occurs.

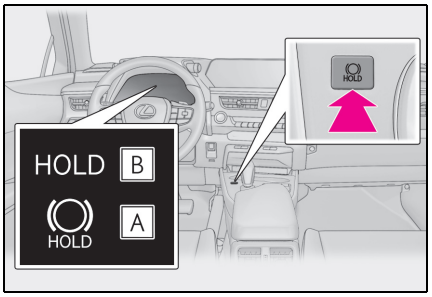
Brake Hold

The brake hold system keeps the brake applied when the shift position is in D, B 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 or B to allow smooth start off.

Enabling the system

Turns the brake hold system on

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



■ Brake hold system operating conditions

The brake hold system cannot be turned on in the following conditions:

- The driver's door is not closed.
- The driver is not wearing the seat belt.
- The parking brake is engaged.

If any of the conditions above are detected when the brake hold system is enabled, the system will turn off and the brake hold standby indicator light will go off. In addition, if any of the conditions are detected

while the system is holding the brake, a warning buzzer will sound and a message will be shown on the multi-information display. The parking brake will then be set automatically.

■ **Brake hold function**

- If the brake pedal is left released for a period of about 3 minutes after the system has started holding the brake, the parking brake will be set automatically. In this case, a warning buzzer sounds and a message is shown on the multi-information display.
- To turn the system off while the system is holding the brake, firmly depress the brake pedal and press the button again.
- The brake hold function may not hold the vehicle when the vehicle is on a steep incline. In this situation, it may be necessary for the driver to apply the brakes. A warning buzzer will sound and the multi-information display will inform the driver of this situation. If a warning message is shown on the multi-information display, read the message and follow the instructions.

■ **When the parking brake is set automatically while the system is holding the brakes**

Perform any of the following operations to release the parking brake.

- Depress the accelerator pedal. (The parking brake will not be released automatically if the seat belt is not fastened.)
- Operate the parking brake switch with the brake pedal depressed.

Make sure that the parking brake indicator light goes off. (→P.302)

■ **When an inspection at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer is necessary**

When the brake hold standby indicator (green) does not illuminate even when the brake hold switch is pressed with the brake hold system operating conditions met, the system may be malfunctioning. Have the vehicle inspected at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **If "Brake Hold Fault Depress Brake to Deactivate Visit Your Dealer" or "Brake Hold Malfunction Visit Your Dealer" is displayed on the multi-information display**

The system may be malfunctioning. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

■ **Warning messages and buzzers**

Warning messages and buzzers are used to indicate a system malfunction or to inform the driver of the need for caution. If a warning message is shown on the multi-information display, read the message and follow the instructions.

■ **If the brake hold operated indicator flashes**

→P.516

WARNING

■ **When the vehicle is on a steep incline**

When using the brake hold system on a steep incline, exercise caution. The brake hold function may not hold the vehicle in such a situation.

■ **When stopped on a slippery road**

The system cannot stop the vehicle when the gripping ability of the tires has been exceeded. Do not use the system when stopped on a slippery road.

NOTICE

■ When parking the vehicle

The brake hold system is not designed for use when parking the vehicle for a long period of time. Turning the power switch off while the system is holding the brake may release the brake, which would cause the vehicle to move. When operating the power switch, depress the brake pedal, shift the shift position to P and set the parking brake.

ASC (Active Sound Control/Acceleration Sound Control)

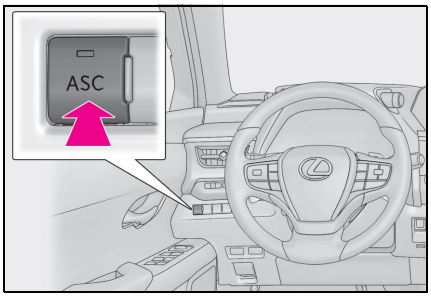
The ASC system directs certain sounds from the front of the cabin to the vehicle interior, and harmonizes these sounds with the actual sound of the electric motor in order to allow the driver to feel acceleration more strongly.

Turning ASC system on

Press the ASC switch.

The indicator on the switch will turn on.

Press the ASC switch again to turn the ASC system off.

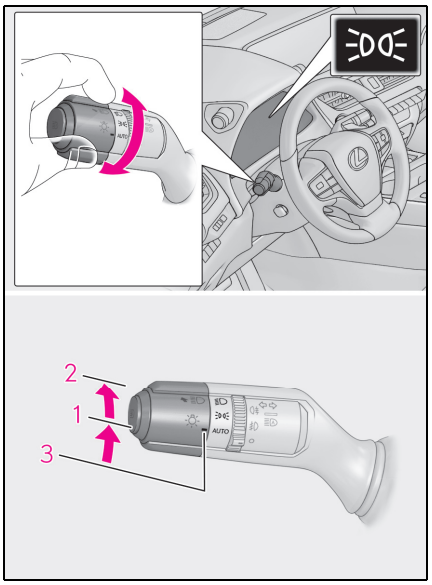


Headlight switch

The headlights can be operated manually or automatically.

Turning on the headlights

Operating the switch turns on the lights as follows:



1 The front position, tail, license plate and instrument panel lights turn on.

2 The headlights and all the lights listed above turn on.

3 AUTO The headlights, daytime running lights (→P.307) and all the lights listed above turn on and off automatically.

■ **AUTO mode can be used when**

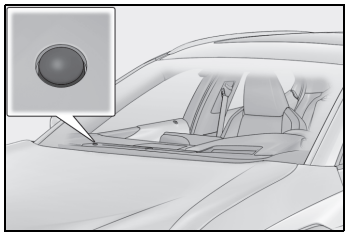
The power switch is in ON.

■ **Daytime running light function**

To make your vehicle more visible to other drivers during daytime driving, the daytime running lights turn on automatically whenever the EV system is started and the parking brake is released with the headlight switch in the AUTO position. (Illuminate brighter than the front position lights.) 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**

- When the light switch is in or : The headlights and front fog lights (if equipped) turn off automatically if the power switch is turned to ACC or OFF.
- When the light switch is in AUTO position: The headlights and all the lights turn off automatically if the power switch is turned to ACC or OFF.

To turn the lights on again, turn the power switch to ON, or turn the light switch to AUTO position once and then back to or

.

■ **Light reminder buzzer**

A buzzer sounds when the power switch is turned off or turned to ACC and the driver's door is opened while the lights are turned on.

■ **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.

■ **12-volt battery-saving function**

In order to prevent 12-volt the battery of the vehicle from discharging, if the light switch is in the or AUTO position when the power switch is turned off the 12-volt battery saving function will operate and automatically turn off all the lights after approximately 20 minutes.

When the power switch is turned to ON, the 12-volt battery-saving function will be disabled.

When any of the following are performed, the 12-volt battery-saving function is canceled once and then reactivated. All the lights will turn off automatically 20 minutes after the 12-volt battery- saving function has been reactivated:

- When the headlight switch is operated
- When a door is opened or closed

■ **Welcome light illumination control**

The front position lights automatically turn on at night when the doors are unlocked using the entry function or wireless remote control if the light switch is in the AUTO position.

■ **Customization**

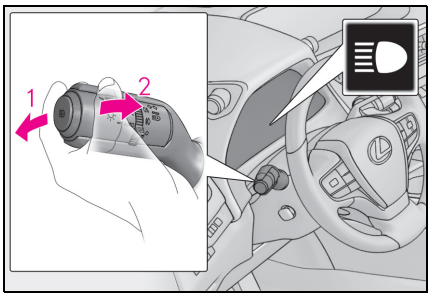
Settings (e.g. light sensor sensitivity) can be changed.
(Customizable features: →P.561)

NOTICE

■ **To prevent 12-volt battery discharge**

Do not leave the lights on longer than necessary when the EV system is not operating.

Turning on the high beam headlights



1 With the headlights on, push the lever away from you to turn on the high beams.

Pull the lever toward you to the center position to turn the high beams off.

2 Pull the lever toward you and release it to flash the high beams once.

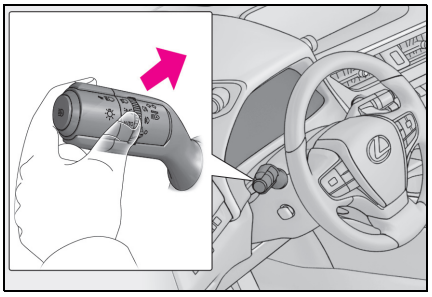
You can flash the high beams with the headlights on or off.

Extended Headlight Lighting system

This system allows the headlights and front position lights to be turned on for 30 seconds when the power switch is OFF.

Pull the lever toward you and release it with the light switch is in AUTO after turning the power switch off.

Pull the lever toward you and release it again to turn off the lights.



Cornering lights (if equipped)

When any of the following conditions is met, while the headlights (low beam) are on, the cornering lights will additionally turn on and light up the direction of movement for the vehicle. This is to ensure excellent visibility when either driving at intersections or parking at night.

- The steering wheel is operated
- The turn signal lever is operated
- The shift position is in R (both left and right side cornering lights)

Cornering light control

- The lights illuminate when the vehicle speed is approximately 30 km/h (19 mph) or less. However, the lights turn off when the vehicle speed increases to approximately 35 km/h (22 mph) or more.
- After the lights remain illuminated for 30 minutes, they automatically turn off.

AHS (Adaptive High-beam System)*

*: If equipped

The Adaptive High-beam System uses a front camera located behind the upper portion of the windshield to assess the brightness of the lights of vehicles ahead, streetlights, etc., and automatically controls the headlight light distribution as necessary.

WARNING

Limitations of the Adaptive High-beam System

Do not overly rely on the Adaptive High-beam System. Always drive safely, taking care to observe your surroundings and turning the high beams on or off manually if necessary.

To prevent incorrect operation of the Adaptive High-beam System

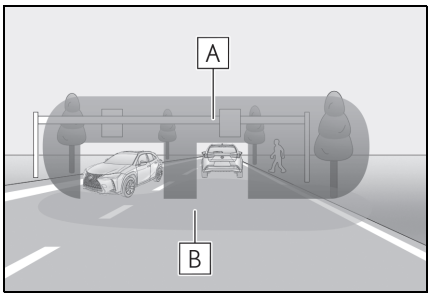
Do not overload the vehicle.

System functions

- Adjusts the brightness and illuminated area of the high beams according to the vehicle speed.
- Adjusts the intensity of the high beams, while driving on a curve, so that the area in the direction that the vehicle is turning will be illuminated more brightly than other areas.
- Operates the shaded high beams so that the area around vehicles ahead is partially not illuminated while all other areas continue to be illumi-

nated with the high beams.

The shaded high beams help optimize forward visibility while reducing the dazzling effect on the drivers of vehicles ahead.



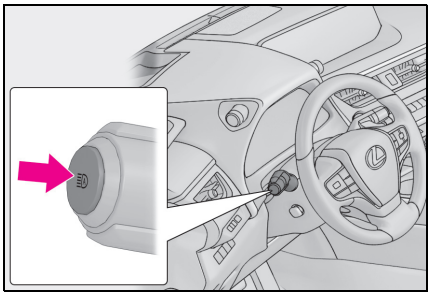
A Illuminated area of the high beams

B Illuminated area of the low beams

- Adjusts the distance that the low beams are projected according to the distance to a preceding vehicle.
- When driving at low speeds, the cornering lights will illuminate the area around both front corners of the vehicle.

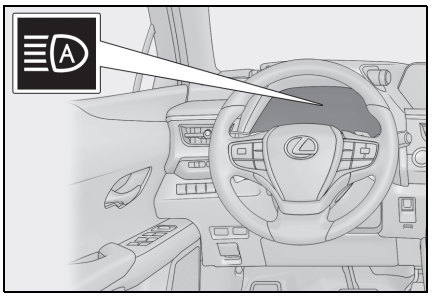
Activating the Adaptive High-beam System

1 Press the Adaptive High-beam System switch.



2 Turn the headlight switch to the or AUTO position.

The AHS indicator will come on when the system is operating.



Operating conditions of the Adaptive High-beam System

- When all of the following conditions are met, the high beams will be turned on automatically and the system will operate:
  - The vehicle speed is approximately 60 km/h (38 mph) or more.*
  - The area ahead of the vehicle is dark.

*: When the vehicle speed is approximately 60 km/h (38 mph) or more, the area in the direction that the vehicle is turning will be illuminated more brightly than other areas while driving on a curve.

- When all of the following conditions are met, the shaded high beams will turn on and the distance that the low beams are projected will be adjusted automatically, depending on the location of vehicles ahead:
  - The vehicle speed is approximately 60 km/h (38 mph) or more.
  - The area ahead of the vehicle is dark.
  - There are vehicles ahead with headlights or tail lights turned on.
- If any of the following conditions are met, the high beams or shaded high beams will be changed to the low beams automatically:
  - The vehicle speed is below approximately 60 km/h (38 mph).

- The area ahead of the vehicle is not dark.
- There are many vehicles ahead.

■ **Front camera detection information**

● The high beams may not be automatically changed to the shaded high beams in the following situations:
- When vehicles ahead suddenly appear from a curve
- When the vehicle is cut in front of by another vehicle
- When vehicles ahead are hidden from sight due to repeated curves, road dividers or roadside trees
- When vehicles ahead appear from the faraway lane on wide road
- When vehicles ahead have no lights

● The high beams may be changed to the shaded high beams if a vehicle ahead that is using fog lights without its headlights turned on is detected.

● House lights, street lights, traffic signals, and illuminated billboards or signs and other reflective objects may cause the high beams to change to the shaded high beams, cause the high beams not to change to the shaded high beams, or change the area that is not illuminated.

● The following factors may affect the amount of time taken to turn the high beam on or off, or the speed by which the areas not illuminated change:
- The brightness of headlights, fog lights, and tail lights of vehicles ahead
- The movement and direction of vehicles ahead
- When a vehicle ahead only has operational lights on one side
- When a vehicle ahead is a two-wheeled vehicle
- The condition of the road (gradient, curve, condition of the road surface etc.)
- The number of passengers and amount of luggage

● The light distribution control of the headlights may change unexpectedly.

● Bicycles or similar objects may not be detected.

● In the following situations the system may not be able to correctly detect the surrounding brightness level. This may cause the low beams to remain on or the high beams to flash or dazzle pedestrians or vehicles ahead. In such a case, it is necessary to manually switch between the high and low beams.
- When driving in inclement weather (heavy rain, snow, fog, sandstorms, etc.)
- When the windshield is obscured by fog, mist, ice, dirt, etc.
- When the windshield is cracked or damaged
- When the front camera is deformed or dirty
- When the temperature of the front camera is extremely high
- When the surrounding brightness level is equal to that of headlights, tail lights or fog lights
- When headlights or tail lights of vehicles ahead are turned off, dirty, changing color, or not aimed properly
- When the vehicle is hit by water, snow, dust, etc. from a preceding vehicle
- When driving through an area of intermittently changing brightness and darkness
- When frequently and repeatedly driving ascending/descending roads, or roads with rough, bumpy or uneven surfaces (such as stone-paved roads, gravel roads, etc.)
- When frequently and repeatedly taking curves or driving on a winding road
- When there is a highly reflective object ahead of the vehicle, such as a sign or mirror
- When the back of a preceding vehicle is highly reflective, such as a container on a truck
- When the vehicle's headlights are damaged or dirty, or are not aimed properly
- When the vehicle is listing or tilting due to a flat tire, a trailer being towed, etc.
- When the headlights are changed between the high beams and low beams repeatedly in an abnormal manner
- When the driver believes that the high beams may be flashing or dazzling pedestrians or other drivers
- When the vehicle is used in an area in which vehicles travel on the opposite side of the road of the country for which the

vehicle was designed, for example using a vehicle designed for right-hand traffic in a left-hand traffic area, or vice versa
- When going through the Straits of Dover.

■ Customization

Some functions can be customized. (→P.562)

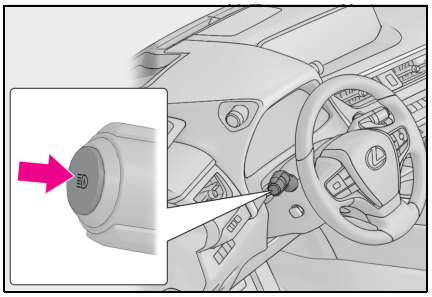
Turning the high beams on/off manually

■ Switching to the low beams

Press the Adaptive High-beam System switch.

The AHS indicator will turn off.

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

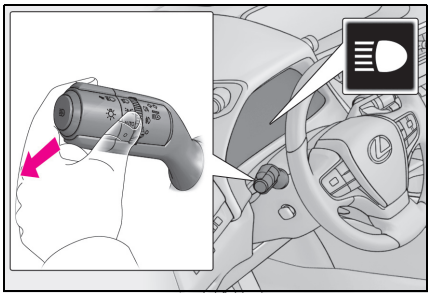


■ Switching to the high beams

Push the lever away from you.

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

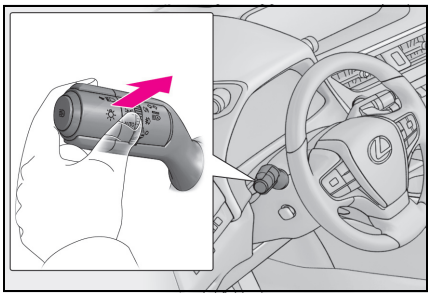
Pull the lever to its original position to activate the Adaptive High-beam System again.



■ Temporarily switching to the low beams

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

The high beams are on while the lever is pulled toward you, however, after the lever is returned to its original position, the low beams remain on for a certain amount of time. Afterwards, the Adaptive High-beam System will be activated again.



■ Temporarily switching to the low beams

It is recommended to switch to the low beams when the high beam may cause problems or distress to other drivers or pedestrians nearby.

AHB (Automatic High Beam)*

*: If equipped

The Automatic High Beam uses a front camera located behind the upper portion of the windshield to assess the brightness of the lights of vehicles ahead, streetlights, etc., and automatically turns the high beams on or off as necessary.

WARNING

■ Limitations of the Automatic High Beam

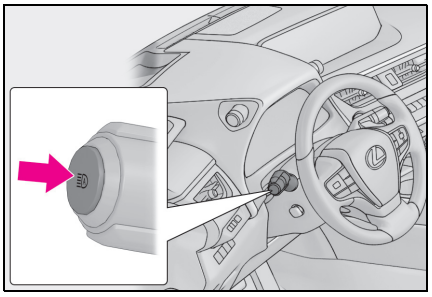
Do not overly rely on the Automatic High Beam. Always drive safely, taking care to observe your surroundings and turning the high beams on or off manually if necessary.

■ To prevent incorrect operation of the Automatic High Beam system

Do not overload the vehicle.

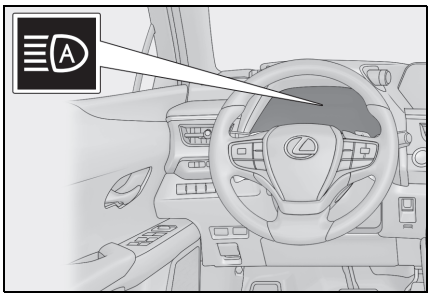
Activating the Automatic High Beam

1 Press the Automatic High Beam switch.



2 Turn the headlight switch to the or AUTO position.

The Automatic High Beam indicator will come on when the system is operating.



■ Conditions to turn the high beams on/off automatically

● When all of the following conditions are met, the high beams will be turned on automatically (after approximately 1 second):
- The vehicle speed is approximately 30 - 40 km/h (19 - 25 mph)* or more.
- The area ahead of the vehicle is dark.
- There are no vehicles ahead with headlights or tail lights turned on.
- There are few streetlights on the road ahead.

● If any of the following conditions are met, the high beams will turn off automatically:
- The vehicle speed is below approximately 25 - 30 km/h (16 - 19 mph)*.
- The area ahead of the vehicle is not dark.
- Vehicles ahead have their headlights or tail lights turned on.
- There are many streetlights on the road ahead.

*: The vehicle speed at which the high beams are automatically turned on/off may vary depending on the country for which the vehicle is approved.

■ Front camera detection information

● The high beams may not be automatically turned off in the following situations:
- When a vehicle suddenly appears from around a curve

- When the vehicle is cut in front of by another vehicle
- When vehicles ahead cannot be detected due to repeated curves, road dividers or roadside trees
- When vehicles ahead appear from a far-away lane on a wide road
- When the lights of vehicles ahead are not on

● The high beams may be turned off if a vehicle ahead that is using fog lights without its headlights turned on is detected.

● House lights, street lights, traffic signals, and illuminated billboards or signs and other reflective objects may cause the high beams to change to the low beams, or the low beams to remain on.

● The following factors may affect the amount of time taken for the high beams to turn on or off:

- The brightness of the headlights, fog lights, and tail lights of vehicles ahead
- The movement and direction of vehicles ahead
- When a vehicle ahead only has operational lights on one side
- When a vehicle ahead is a two-wheeled vehicle
- The condition of the road (gradient, curve, condition of the road surface, etc.)
- The number of passengers and amount of luggage in the vehicle

● The high beams may turn on or off unexpectedly.

● Bicycles or similar vehicles may not be detected.

● In the following situations the system may not be able to correctly detect the surrounding brightness level. This may cause the low beams to remain on or the high beams to flash or dazzle pedestrians or vehicles ahead. In such a case, it is necessary to manually switch between the high and low beams.

- When driving in inclement weather (heavy rain, snow, fog, sandstorms, etc.)
- When the windshield is obscured by fog, mist, ice, dirt, etc.
- When the windshield is cracked or damaged
- When the front camera is deformed or dirty
- When the temperature of the front camera is extremely high
- When the surrounding brightness level is equal to that of headlights, tail lights or fog lights
- When headlights or tail lights of vehicles ahead are turned off, dirty, changing color, or not aimed properly
- When the vehicle is hit by water, snow, dust, etc. from a preceding vehicle
- When driving through an area of intermittently changing brightness and darkness
- When frequently and repeatedly driving ascending/descending roads, or roads with rough, bumpy or uneven surfaces (such as stone-paved roads, gravel roads, etc.)
- When frequently and repeatedly taking curves or driving on a winding road
- When there is a highly reflective object ahead of the vehicle, such as a sign or mirror
- When the back of a preceding vehicle is highly reflective, such as a container on a truck
- When the vehicle's headlights are damaged or dirty, or are not aimed properly
- When the vehicle is listing or tilting due to a flat tire, a trailer being towed, etc.
- When the headlights are changed between the high beams and low beams repeatedly in an abnormal manner
- When the driver believes that the high beams may be flashing or dazzling pedestrians or other drivers
- When the vehicle is used in an area in which vehicles travel on the opposite side of the road of the country for which the vehicle was designed, for example using a vehicle designed for right-hand traffic in a left-hand traffic area, or vice versa
- When going through the Straits of Dover.

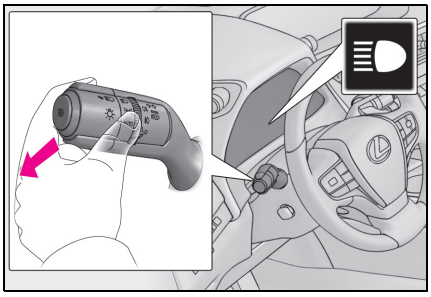
Turning the high beams on/off manually

Switching to the high beams

Push the lever away from you.

The Automatic High Beam indicator will turn off and the high beam indicator will turn on.

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

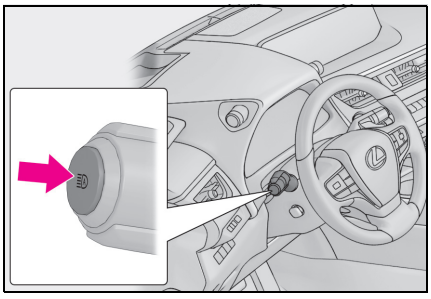


Switching to the low beams

Press the Automatic High Beam switch.

The Automatic High Beam indicator will turn off.

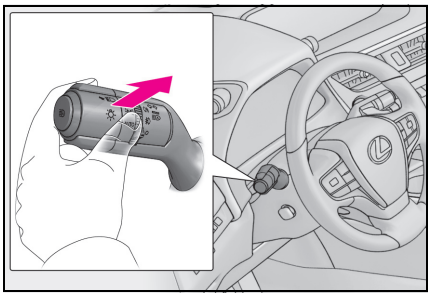
Press the switch to activate the Automatic High Beam system again.



Temporarily switching to the low beams

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

The high beams are on while the lever is pulled toward you, however, after the lever is returned to its original position, the low beams remain on for a certain amount of time. Afterwards, the Automatic High Beam will be activated again.



Temporarily switching to the low beams

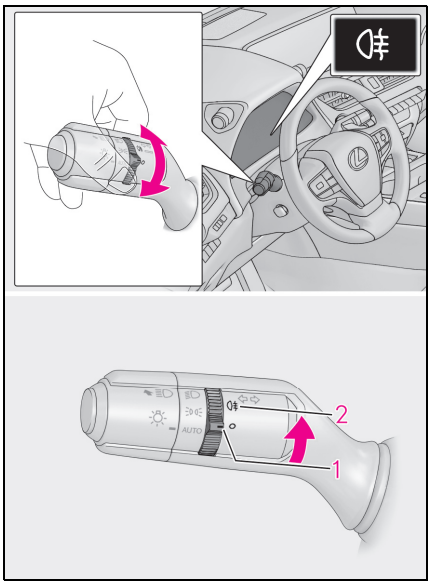
It is recommended to switch to the low beams when the high beam may cause problems or distress to other drivers or pedestrians nearby.

Fog light switch

When in difficult driving conditions, such as in rain and fog, turn on the front fog lights (if equipped) to secure front visibility and turn on the rear fog lights to notify following vehicles the existence of your vehicle.

Turning on the fog lights

▶ Rear fog light switch



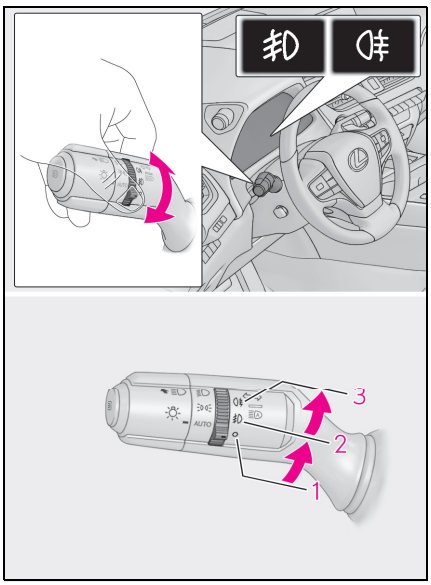
1 Turns the rear fog lights off

2 Turns the rear fog lights on

Releasing the switch ring returns it to .

Operating the switch ring again turns the rear fog lights off.

▶ Front and rear fog light switch



1 Turns the front and rear fog lights off

2 Turns the front fog lights on

3 Turns both front and rear fog lights on

Releasing the switch ring returns it to .

Operating the switch ring again turns only the rear fog lights off.

■ **Fog lights can be used when**

▶ Vehicles with rear fog lights only

The headlights are turned on.

▶ Vehicles with front and rear fog lights

Front fog lights: The front position lights are turned on.
Rear fog lights: The front fog lights are turned on.

NOTICE

■ To prevent 12-volt battery discharge

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

Windshield wipers and washer

Operating the lever can change wiper operation to automatic/manual or squirt washer fluid.

NOTICE

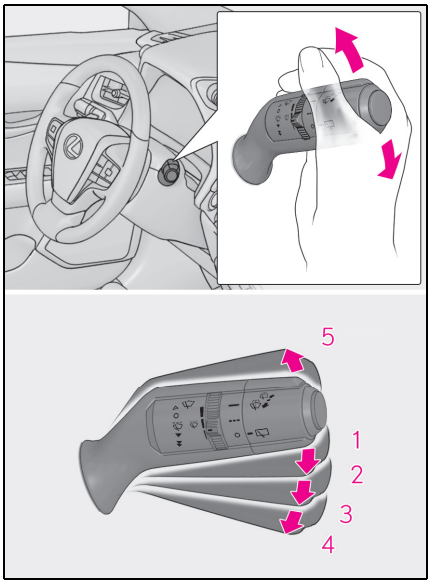
■ When the windshield is dry

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

Operating the wiper lever

Operating the lever operates the wipers or washer as follows:

▶ Intermittent windshield wipers with interval adjuster



1 ○ Off

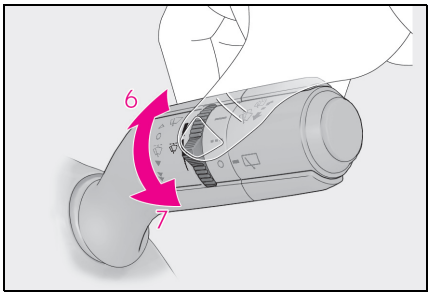
2 Intermittent operation

3 ▼ Low speed operation

4 ▼▼ High speed operation

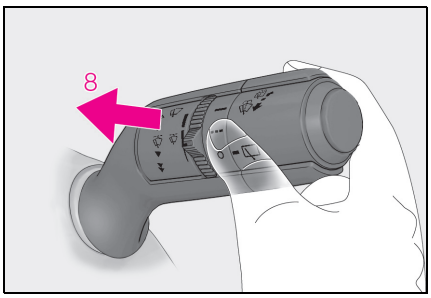
5 ▲ Temporary operation

Wiper intervals can be adjusted when intermittent operation is selected.



6 Increases the intermittent windshield wiper frequency

7 Decreases the intermittent windshield wiper frequency



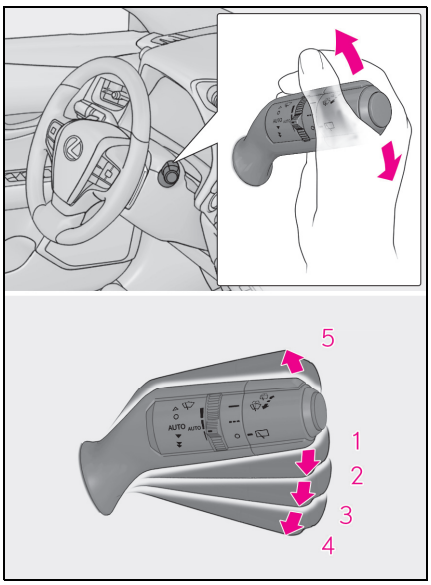
8 Washer/wiper dual operation

Pulling the lever operates the wipers and washer.

The wipers will automatically operate a couple of times after the washer squirts. When the power switch is in ON and the headlights are on, if the lever is pulled, the headlight cleaners will operate once. After this, the headlight cleaners will operate every 5th time the lever is pulled.

▶ Rain-sensing windshield wipers

When AUTO is 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 ○ Off

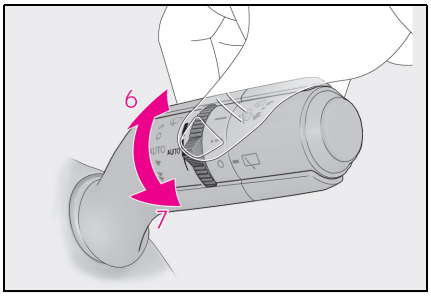
2 AUTO Rain-sensing operation

3 ▼ Low speed operation

4 ▼▼ High speed operation

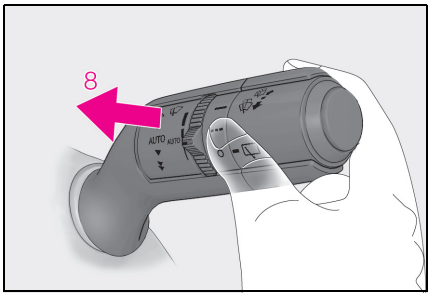
5 ▲ Temporary operation

When AUTO is selected, the sensor sensitivity can be adjusted by turning the switch ring.



6 Increases the sensitivity

7 Decreases the sensitivity



8 Washer/wiper dual operation

Pulling the lever operates the wipers and washer.

The wipers will automatically operate a couple of times after the washer squirts. (After operating several times, the wipers operate once more time after a short delay to prevent dripping. However, the dripping prevention does not operate while the vehicle is moving.)

When the power switch is in ON and the headlights are on, if the lever is pulled, the headlight cleaners will operate once. After this, the headlight cleaners will operate every 5th time the lever is pulled.

■ The windshield wipers and washer can be operated when

The power switch is in ON.

■ Effects of vehicle speed on wiper operation (vehicles with rain-sensing windshield wipers)

Vehicle speed affects the Intermittent wiper interval.

■ Raindrop sensor (vehicles with rain-sensing windshield wipers)

- The raindrop sensor judges the amount of raindrops.
  An optical sensor is adopted. It may not operate properly when sunlight from the rising or setting of the sun intermittently strikes the windshield, or if bugs, etc. are present on the windshield.



- If the wiper switch is turned to the "AUTO" position while the power switch is in ON, the wipers will operate once to show that AUTO mode is activated.
- If the temperature of the raindrop sensor is 90°C (194°F) or higher, or -15°C (5°F) or lower, automatic operation may not occur. In this case, operate the wipers in any mode other than AUTO mode.

■ If no windshield washer fluid sprays

Check that the washer nozzles are not blocked, if there is washer fluid in the washer fluid tank.

WARNING

■ **Caution regarding the use of windshield wipers in AUTO mode (vehicles with rain-sensing windshield wipers)**

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, etc. do not become caught in the windshield wipers.

■ **Caution regarding the use of washer fluid**

When it is cold, do not use the washer fluid until the windshield becomes warm. The fluid may freeze on the windshield and cause low visibility. This may lead to an accident, resulting in death or serious injury.

NOTICE

■ **When the washer fluid tank is empty**

Do not operate the switch continually as the washer fluid pump may overheat.

■ **When a nozzle becomes blocked**

In this case, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
Do not try to clear it with a pin or other object. The nozzle will be damaged.

■ **To prevent 12-volt battery discharge**

Do not leave the wipers on longer than necessary when the EV system is off.

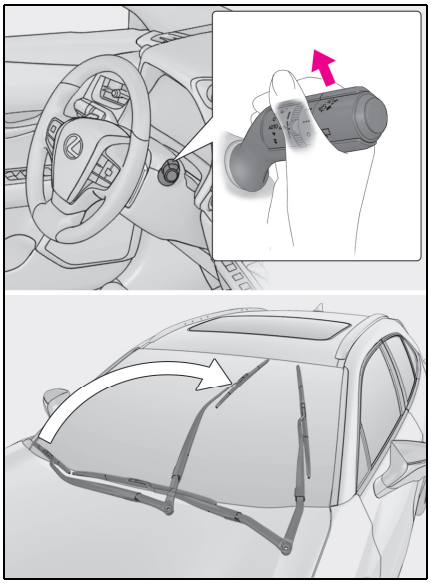
Changing the windshield wiper rest position/Lifting the windshield wipers

When the windshield wipers are not being used, they retract to below the hood. To enable the windshield wipers to be lifted when parking in cold conditions or when replacing a windshield wiper insert, change the rest position of the windshield wipers to the service position using the wiper lever.

■ **Raising the wipers to the service position**

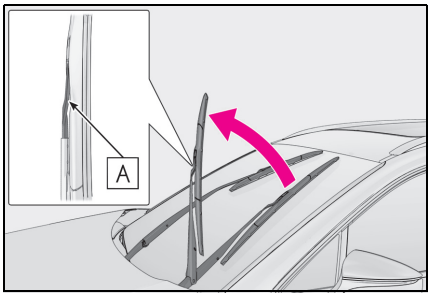
Within approximately 45 seconds of turning the power switch off, move the wiper lever to the △ position and hold it for approximately 2 seconds or more.

The wipers will move to the service position.



■ **Lifting the windshield wipers**

While holding the hook portion [A] of the wiper arm, lift the windshield wiper from the windshield.



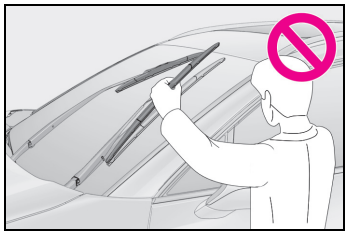
Lowering the windshield wipers to the retracted position

With the windshield wipers placed on the windshield, turn the power switch to ON and then move the wiper lever to an operating position. When the wiper switch is turned off, the windshield wipers will stop at the retracted position. Even if the wipers deviate while the power switch is OFF, the wipers will return to the normal position.

NOTICE

When lifting the windshield wipers

- Do not lift the windshield wipers when they are in the retracted position below the hood. Otherwise, they may contact the hood, possibly resulting in damage to a windshield wiper and/or the hood.
- Do not lift a windshield wiper by the wiper blade. Otherwise, the wiper blade may be deformed.



- Do not operate the wiper lever when the windshield wipers are lifted. Otherwise, the windshield wipers may contact the hood, possibly resulting in damage to the windshield wipers and/or hood.

Rear window wiper and washer

The rear window wiper and washer can be used by operating the lever.

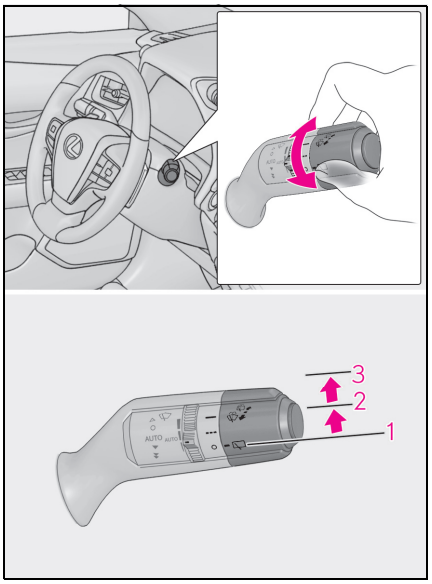
NOTICE

■ When the rear window is dry

Do not use the wiper, as it may damage the rear window.

Operating the wiper lever

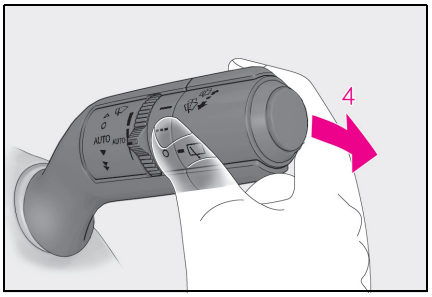
Operating the switch operates the rear wiper as follows:



1 ○ Off

2 --- Intermittent operation

3 — Normal operation



4 Washer/wiper dual operation

Pushing the lever operates the wiper and washer.

The wiper will automatically operate a couple of times after the washer squirts.

■ The rear window wiper and washer can be operated when

The power switch is in ON.

■ If no windshield washer fluid sprays

Check that the washer nozzles are not blocked, if there is washer fluid in the washer fluid tank.

■ Reverse-linked rear window wiper function

When the shift position is shifted to R when the front wipers are operating, the rear window wiper will operate once.

■ Back door opening linked rear window wiper stop function

When the rear window wiper is operating, if the back door is opened while the vehicle is stopped, operation of the rear window wiper will be stopped to prevent anyone near the vehicle from being sprayed by water from the wiper. When the back door is closed, wiper operation will resume.*

*: The setting must be customized at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ Customization

Setting of the reverse-linked function can

be changed. (Customizable features:→P.561)

NOTICE

■ When the washer fluid tank is empty

Do not operate the switch continually as the washer fluid pump may overheat.

■ When a nozzle becomes blocked

In this case, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
Do not try to clear it with a pin or other object. The nozzle will be damaged.

■ To prevent 12-volt battery discharge

Do not leave the wiper on longer than necessary when the EV system is off.

Lexus Safety System +

The Lexus Safety System + consists of the following drive assist systems and contributes to a safe and comfortable driving experience:

Driving assist system

- **PCS (Pre-Collision System)**

→P.335

- **LTA (Lane Tracing Assist)**

→P.342

- **AHS (Adaptive High-beam System)***

→P.309

- **AHB (Automatic High Beam)***

→P.313

- **RSA (Road Sign Assist)**

→P.351

- **Dynamic radar cruise control with full-speed range**

→P.355

*: If equipped

WARNING

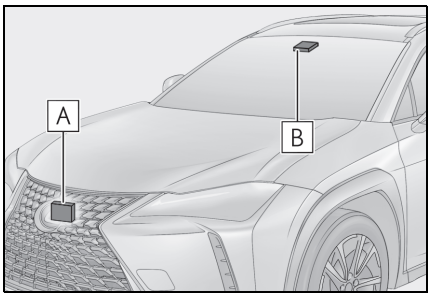
■ Lexus Safety System +

The Lexus Safety System + is designed to operate under the assumption that the driver will drive safely, and is designed to help reduce the impact to the occupants and the vehicle in the case of a collision or assist the driver in normal driving conditions.

As there is a limit to the degree of recognition accuracy and control performance that this system can provide, do not overly rely on this system. The driver is always responsible for paying attention to the vehicle's surroundings and driving safely.

Sensors

Two types of sensors, located behind the front grille and windshield, detect information necessary to operate the drive assist systems.



A Radar sensor

B Front camera

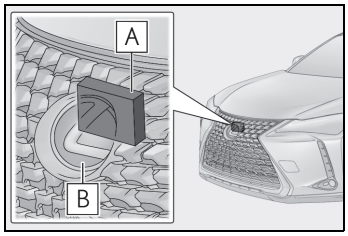
WARNING

■ To avoid malfunction of the radar sensor

Observe the following precautions.

Otherwise, the radar sensor may not operate properly, possibly leading to an accident resulting in death or serious injury.

- Keep the radar sensor and the radar sensor cover clean at all times.



A Radar sensor

B Radar sensor cover

If the front of the radar sensor or the front or back of the radar sensor cover is dirty or covered with water droplets, snow, etc., clean it.

Clean the radar sensor and radar sensor cover with a soft cloth to avoid damaging them.

- Do not attach accessories, stickers (including transparent stickers) or other items to the radar sensor, radar sensor cover or surrounding area.
- Do not subject the radar sensor or its surrounding area to a strong impact. If the radar sensor, front grille, or front bumper has been subjected to a strong impact, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- Do not disassemble the radar sensor.
- Do not modify or paint the radar sensor or radar sensor cover.
- In the following cases, the radar sensor must be recalibrated. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for details.
  - When the radar sensor or front grille are removed and installed, or replaced
  - When the front bumper is replaced

■ To avoid malfunction of the front camera

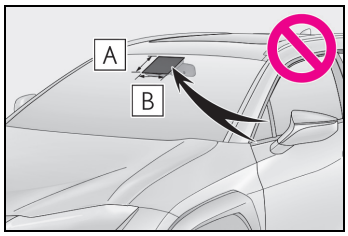
Observe the following precautions.

Otherwise, the front camera may not operate properly, possibly leading to an accident resulting in death or serious injury.

- Keep the windshield clean at all times.
  - If the windshield is dirty or covered with an oily film, water droplets, snow, etc., clean the windshield.
  - If a glass coating agent is applied to the windshield, it will still be necessary to use the windshield wipers to remove water droplets, etc. from the area of the windshield in front of the front camera.
  - If the inner side of the windshield where the front camera is installed is dirty, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

WARNING

- Do not attach objects, such as stickers, transparent stickers, etc., to the outer side of the windshield in front of the front camera (shaded area in the illustration).



A From the top of the windshield to approximately 1 cm (0.4 in.) below the bottom of the front camera

B Approximately 20 cm (7.9 in.) (Approximately 10 cm [4.0 in.] to the right and left from the center of the front camera)

- If the part of the windshield in front of the front camera is fogged up or covered with condensation, or ice, use the windshield defogger to remove the fog, condensation, or ice. (→P.421)
- If water droplets cannot be properly removed from the area of the windshield in front of the front camera by the windshield wipers, replace the wiper insert or wiper blade.
- Do not attach window tint to the windshield.
- Replace the windshield if it is damaged or cracked.
  After replacing the windshield, the front camera must be recalibrated. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for details.
- Do not allow liquids to contact the front camera.
- Do not allow bright lights to shine into the front camera.
- Do not dirty or damage the front camera.
  When cleaning the inside of the windshield, do not allow glass cleaner to contact the lens of the front camera. Also, do not touch the lens.
  If the lens is dirty or damaged, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- Do not subject the front camera to a strong impact.
- Do not change the installation position or direction of the front camera or remove it.
- Do not disassemble the front camera.
- Do not modify any components of the vehicle around the front camera (inside rear view mirror, etc.) or ceiling.
- Do not attach any accessories to the hood, front grille or front bumper that may obstruct the front camera. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for details.
- If a surfboard or other long object is to be mounted on the roof, make sure that it will not obstruct the front camera.
- Do not modify the headlights or other lights.

■ Certification

Transmitter:	Model: DNMWR009 Operation frequency: 76.5 GHz Maximum output power: 416.87 mW or less
Manufacturer:	DENSO CORPORATION
Address:	1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661 Japan

Hereby, DENSO CORPORATION declares that the radio equipment type is in compliance with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following internet address:
https://www.denso.com/global/en/contact-us/doc/

01

DENSO CORPORATION vakuuttaa, että radiolaitetyyppi on direktiivin 2014/53/EU mukainen.
EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:
https://www.denso.com/global/en/contact-us/doc/

02

Hierbij verklaar ik, DENSO CORPORATION, dat het type radioapparatuur conform is met Richtlijn 2014/53/EU.
De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:
https://www.denso.com/global/en/contact-us/doc/

03

Le soussigné, DENSO CORPORATION, déclare que l'équipement radioélectrique du type est conforme à la directive 2014/53/UE.
Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:
https://www.denso.com/global/en/contact-us/doc/

04

Härmed försäkrar DENSO CORPORATION att denna typ av radioutrustning överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: https://www.denso.com/global/en/contact-us/doc/ 05
Hermed erklærer DENSO CORPORATION, at radioudstyrstypen er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: https://www.denso.com/global/en/contact-us/doc/ 06
Hiermit erklärt DENSO CORPORATION, dass der Funkanlagentyp der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: https://www.denso.com/global/en/contact-us/doc/ 07
Με την παρούσα ο/η DENSO CORPORATION, δηλώνει ότι ο ραδιοεξοπλισμός πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: https://www.denso.com/global/en/contact-us/doc/ 08
Il fabbricante, DENSO CORPORATION, dichiara che il tipo di apparecchiatura radio è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: https://www.denso.com/global/en/contact-us/doc/ 09

Por la presente, DENSO CORPORATION declara que el tipo de equipo radioeléctrico es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: https://www.denso.com/global/en/contact-us/doc/ 10
O(a) abaixo assinado(a) DENSO CORPORATION declara que o presente tipo de equipamento de rádio está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: https://www.denso.com/global/en/contact-us/doc/ 11
B'dan, DENSO CORPORATION, niddikjara li dan it-tip ta' tagħmir tar-radju huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: https://www.denso.com/global/en/contact-us/doc/ 12
Käesolevaga deklareerib DENSO CORPORATION, et käesolev raadioseadme tüüp vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: https://www.denso.com/global/en/contact-us/doc/ 13
DENSO CORPORATION igazolja, hogy a típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: https://www.denso.com/global/en/contact-us/doc/ 14

DENSO CORPORATION týmto vyhlasuje, že rádiové zariadenie typu je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: https://www.denso.com/global/en/contact-us/doc/ 15
Tímto DENSO CORPORATION prohlašuje, že typ rádiového zařízení je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: https://www.denso.com/global/en/contact-us/doc/ 16
DENSO CORPORATION potrjuje, da je tip radijske opreme skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: https://www.denso.com/global/en/contact-us/doc/ 17
Aš, DENSO CORPORATION, patvirtinu, kad radijo įrenginių tipas atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: https://www.denso.com/global/en/contact-us/doc/ 18
Ar šo DENSO CORPORATION deklarē, ka radioiekārta atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: https://www.denso.com/global/en/contact-us/doc/ 19

DENSO CORPORATION niniejszym oświadcza, że typ urządzenia radiowego jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: https://www.denso.com/global/en/contact-us/doc/ 20
Hér með lýsir DENSO CORPORATION yfir því að er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU. Samræmisyfirlýsing er einnig aðgengileg á eftirfarandi vefslóð: https://www.denso.com/global/en/contact-us/doc/ 21
DENSO CORPORATION erklærer at er i overensstemmelse med direktiv 2014/53/EU. Samsvarserklæringen i fulltekst er tilgjengelig på følgende internettadresse: https://www.denso.com/global/en/contact-us/doc/ 22
С настоящото DENSO CORPORATION декларира, че този тип радиосъоръжение е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: https://www.denso.com/global/en/contact-us/doc/ 23
Prin prezenta, DENSO CORPORATION declară că tipul de echipamente radio este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: https://www.denso.com/global/en/contact-us/doc/ 24

DENSO CORPORATION ovime izjavljuje da je radijska oprema tipa u skladu s Direktivom 2014/53/EU.
Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:
https://www.denso.com/global/en/contact-us/doc/

25

Овиме, DENSO CORPORATION изјављује да је радио опрема тип усаглашена са Директивом 2014/53/EU.
Цео текст ЕУ декларације о усаглашености доступам је на следећој интернет адреси:
https://www.denso.com/global/en/contact-us/doc/

26

Amb aquest document, DENSO CORPORATION declara que el tipus d'equipament radioelèctric es conforme a la Directiva 2014/53/UE.
El text complet de la declaració UE de conformitat està disponible en la següent adreça d'Internet:
https://www.denso.com/global/en/contact-us/doc/

27

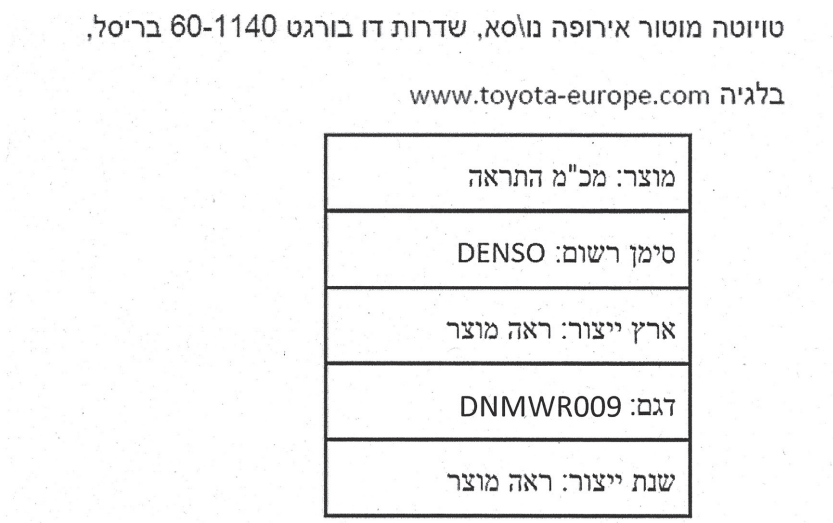
İşbu belge; DENSO CORPORATION telsiz ekipmanı tipinin 2014/53/AB sayılı Direktif'e uygun olduğunu beyan eder.
AB uygunluk beyanının tam metni aşağıdaki internet adresinde mevcuttur:
https://www.denso.com/global/en/contact-us/doc/

28

Nepermjet kesaj, DENSO CORPORATION, deklaroj qe ky DNMWR009 eshte ne pajtim me kerkesat thelbesore dhe dispozitat e tjera perkatese te Direktives 1999/5/EC.

29

CE The latest "DECLARATION of CONFORMITY" (DoC) is available at the following address:
https://www.denso.com/global/en/contact-us/doc/



■ **If a warning message is displayed on the multi-information display**

A system may be temporarily unavailable or there may be a malfunction in the system.

● In the following situations, perform the actions specified in the table. When the normal operating conditions are detected, the message will disappear and the system will become operational.

If the message does not disappear, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Situation	Actions
When the area around a sensor is covered with dirt, moisture (fogged up, covered with condensation, ice, etc.), or other foreign matter	To clean the part of the windshield in front of the front camera, use the windshield wipers or the windshield defogger of the air conditioning system (→P.421).

Situation	Actions
When the temperature around the front camera is outside of the operational range, such as when the vehicle is in the sun or in an extremely cold environment	If the front camera is hot, such as after the vehicle had been parked in the sun, use the air conditioning system to decrease the temperature around the front camera. If a sunshade was used when the vehicle was parked, depending on its type, the sunlight reflected from the surface of the sunshade may cause the temperature of the front camera to become excessively high.
	If the front camera is cold, such after the vehicle is parked in an extremely cold environment, use the air conditioning system to increase the temperature around the front camera.
The area in front of the front camera is obstructed, such as when the hood is open or a sticker is attached to the part of the windshield in front of the front camera.	Close the hood, remove the sticker, etc. to clear the obstruction.

● In the following situations, if the situation has changed (or the vehicle has been driven for some time) and the normal operating conditions are detected, the message will disappear and the system will become operational.

If the message does not disappear, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- When the temperature around the radar sensor is outside of the operational range, such as when the vehicle is in the sun or in an extremely cold environment
- When the front camera cannot detect objects in front of the vehicle, such as when driving in the dark, snow, or fog, or when bright lights are shining into the front camera

PCS (Pre-Collision System)

The pre-collision system uses a radar sensor and front camera to detect objects (→P.335) in front of the vehicle. When the system determines that the possibility of a frontal collision with an object is high, a warning operates to urge the driver to take evasive action and the potential brake pressure is increased to help the driver avoid the collision. If the system determines that the possibility of a frontal collision with an object is extremely high, the brakes are automatically applied to help avoid the collision or help reduce the impact of the collision.

The pre-collision system can be disabled/enabled and the warning timing can be changed. (→P.337)

Detectable objects

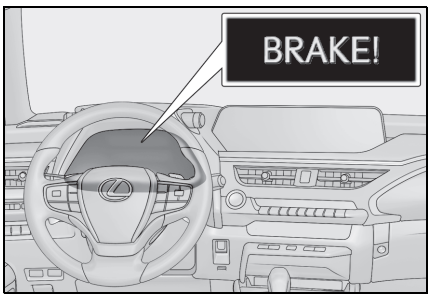
The system can detect the following:

- Vehicles
- Bicyclists
- Pedestrians

System functions

■ Pre-collision warning

When the system determines that the possibility of a frontal collision is high, a buzzer will sound and a warning message will be displayed on the multi-information display to urge the driver to take evasive action.



■ Pre-collision brake assist

When the system determines that the possibility of a frontal collision is high, the system applies greater braking force in relation to how strongly the brake pedal is depressed.

■ Pre-collision braking

If the system determines that the possibility of a frontal collision is extremely high, the brakes are automatically applied to help avoid the collision or reduce the impact of the collision.

WARNING

■ Limitations of the pre-collision system

- The driver is solely responsible for safe driving. Always drive safely, taking care to observe your surroundings. Do not use the pre-collision system instead of normal braking operations under any circumstances. This system will not prevent collisions or lessen collision damage or injury in every situation. Do not overly rely on this system. Failure to do so may lead to an accident, resulting in death or serious injury.

WARNING

- Although this system is designed to help avoid a collision or help reduce the impact of the collision, its effectiveness may change according to various conditions, therefore the system may not always be able to achieve the same level of performance. Read the following conditions carefully. Do not overly rely on this system and always drive carefully.
  - Conditions under which the system may operate even if there is no possibility of a collision: →P.339
  - Conditions under which the system may not operate properly: →P.340
- Do not attempt to test the operation of the pre-collision system yourself. Depending on the objects used for testing (dummies, cardboard objects imitating detectable objects, etc.), the system may not operate properly, possibly leading to an accident.

■ Pre-collision braking

- When the pre-collision braking function is operating, a large amount of braking force will be applied.
- If the vehicle is stopped by the operation of the pre-collision braking function, the pre-collision braking function operation will be canceled after approximately 2 seconds. Depress the brake pedal as necessary.
- The pre-collision braking function may not operate if certain operations are performed by the driver. If the accelerator pedal is being depressed strongly or the steering wheel is being turned, the system may determine that the driver is taking evasive action and possibly prevent the pre-collision braking function from operating.
- In some situations, while the pre-collision braking function is operating, operation of the function may be canceled if the accelerator pedal is depressed strongly or the steering wheel is turned and the system determines that the driver is taking evasive action.
- If the brake pedal is being depressed, the system may determine that the driver is taking evasive action and possibly delay the operation timing of the pre-collision braking function.

■ When to disable the pre-collision system

In the following situations, disable the system, as it may not operate properly, possibly leading to an accident resulting in death or serious injury:

- When the vehicle is being towed
- When your vehicle is towing another vehicle
- When transporting the vehicle via truck, boat, train or similar means of transportation
- When the vehicle is raised on a lift with the EV system on and the tires are allowed to rotate freely
- When inspecting the vehicle using a drum tester such as a chassis dynamometer or speedometer tester, or when using an on vehicle wheel balancer
- When a strong impact is applied to the front bumper or front grille, due to an accident or other reasons
- If the vehicle cannot be driven in a stable manner, such as when the vehicle has been in an accident or is malfunctioning
- When the vehicle is driven in a sporty manner or off-road

WARNING

- When the tires are not properly inflated
- When the tires are very worn
- When tires of a size other than specified are installed
- When tire chains are installed
- When a compact spare tire or an emergency tire puncture repair kit is used
- If equipment (snow plow, etc.) that may obstruct the radar sensor or front camera is temporarily installed to the vehicle

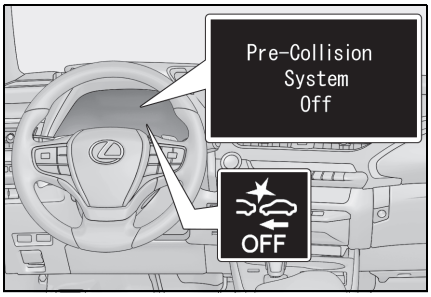
Changing settings of the pre-collision system

Enabling/disabling the pre-collision system

The pre-collision system can be enabled/disabled on (→P.176) of the multi-information display.

The system is automatically enabled each time the power switch is turned to ON.

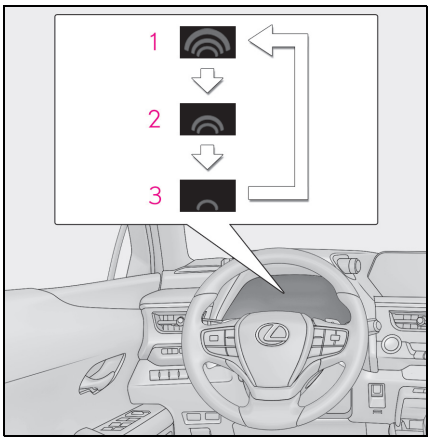
If the system is disabled, the PCS warning light will turn on and a message will be displayed on the multi-information display.



Changing the pre-collision warning timing

The pre-collision warning timing can be changed on (→P.176) of the multi-information display.

The warning timing setting is retained when the power switch is turned off. However, if the pre-collision system is disabled and re-enabled, the operation timing will return to the default setting (middle).



1 Early

2 Middle

This is the default setting.

3 Late

Operational conditions

The pre-collision system is enabled and the system determines that the possibility of a fron-

tal collision with a detected object is high.

Each function is operational at the following speed

● Pre-collision warning

Detectable objects	Vehicle speed	Relative speed between your vehicle and object
Vehicles	Approx. 10 to 180 km/h (7 to 110 mph)	Approx. 10 to 180 km/h (7 to 110 mph)
Bicyclists and pedestrians	Approx. 10 to 80 km/h (7 to 50 mph)	Approx. 10 to 80 km/h (7 to 50 mph)

● Pre-collision brake assist

Detectable objects	Vehicle speed	Relative speed between your vehicle and object
Vehicles	Approx. 30 to 180 km/h (20 to 110 mph)	Approx. 30 to 180 km/h (20 to 110 mph)
Bicyclists and pedestrians	Approx. 30 to 80 km/h (20 to 50 mph)	Approx. 30 to 80 km/h (20 to 50 mph)

● Pre-collision braking

Detectable objects	Vehicle speed	Relative speed between your vehicle and object
Vehicles	Approx. 10 to 180 km/h (7 to 110 mph)	Approx. 10 to 180 km/h (7 to 110 mph)
Bicyclists and pedestrians	Approx. 10 to 80 km/h (7 to 50 mph)	Approx. 10 to 80 km/h (7 to 50 mph)

The system may not operate in the following situations:

● If a 12-volt battery terminal has been disconnected and reconnected and then the vehicle has not been driven for a certain amount of time

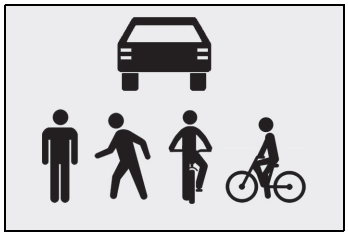
● If the shift position is in R

● When the VSC OFF indicator is illuminated (only the pre-collision warning function will be operational)

■ **Object detection function**

The system detects objects based on their size, profile, motion, etc. However, an object may not be detected depending on the surrounding brightness and the motion, posture, and angle of the detected object, preventing the system from operating properly. (→P.340)

The illustration shows an image of detectable objects.



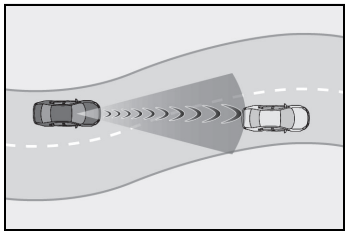
■ **Cancelation of the pre-collision braking**

If either of the following occur while the pre-collision braking function is operating, it will be canceled:

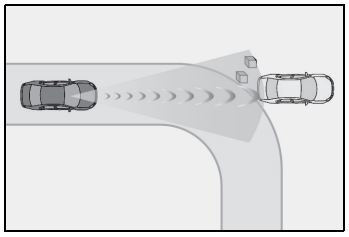
- The accelerator pedal is depressed strongly.
- The steering wheel is turned sharply or abruptly.

■ **Conditions under which the system may operate even if there is no possibility of a collision**

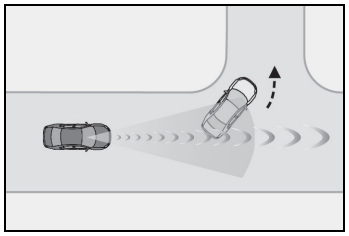
- In some situations such as the following, the system may determine that there is a possibility of a frontal collision and operate.
  - When passing a detectable object, etc.
  - When changing lanes while overtaking a detectable object, etc.
  - When approaching a detectable object in an adjacent lane or on the roadside, such as when changing the course of travel or driving on a winding road



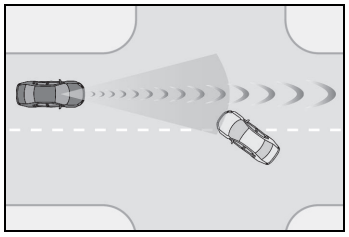
  - When rapidly closing on a detectable object, etc.
  - When approaching objects on the roadside, such as detectable objects, guardrails, utility poles, trees, or walls
  - When there is a detectable object or other object by the roadside at the entrance of a curve



  - When there are patterns or paint in front of your vehicle that may be mistaken for a detectable object
  - When the front of your vehicle is hit by water, snow, dust, etc.
  - When overtaking a detectable object that is changing lanes or making a right/left turn

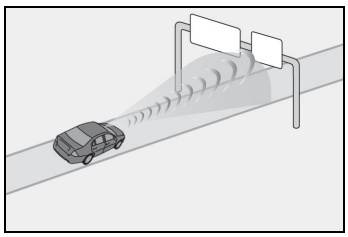


  - When passing a detectable object in an oncoming lane that is stopped to make a right/left turn

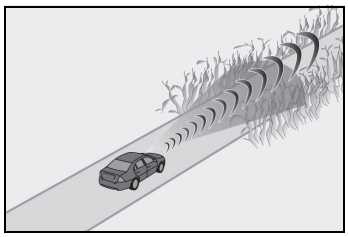


  - When a detectable object approaches very close and then stops before entering the path of your vehicle
  - If the front of your vehicle is raised or lowered, such as when on an uneven or undulating road surface
  - When driving on a road surrounded by a structure, such as in a tunnel or on an iron bridge
  - When there is a metal object (manhole cover, steel plate, etc.), steps, or a protrusion in front of your vehicle
  - When passing under an object (road

sign, billboard, etc.)



- When approaching an electric toll gate barrier, parking area barrier, or other barrier that opens and closes
- When using an automatic car wash
- When driving through or under objects that may contact your vehicle, such as thick grass, tree branches, or a banner

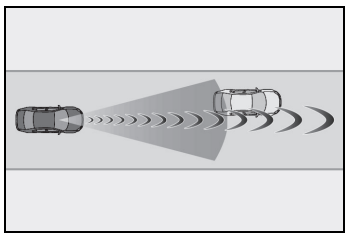


- When driving through steam or smoke
- When driving near an object that reflects radio waves, such as a large truck or guardrail
- When driving near a TV tower, broadcasting station, electric power plant, or other location where strong radio waves or electrical noise may be present

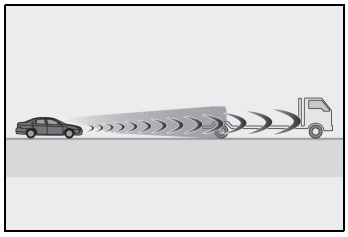
■ Situations in which the system may not operate properly

● In some situations such as the following, an object may not be detected by the radar sensor and front camera, preventing the system from operating properly:

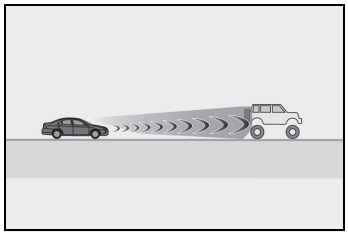
- When a detectable object is approaching your vehicle
- When your vehicle or a detectable object is wobbling
- If a detectable object makes an abrupt maneuver (such as sudden swerving, acceleration or deceleration)
- When your vehicle approaches a detectable object rapidly
- When a detectable object is not directly in front of your vehicle



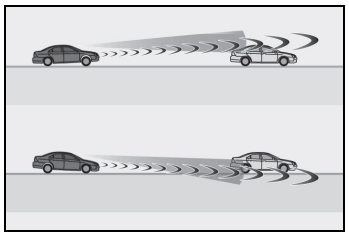
- When a detectable object is near a wall, fence, guardrail, manhole cover, vehicle, steel plate on the road, etc.
- When a detectable object is under a structure
- When part of a detectable object is hidden by an object, such as large baggage, an umbrella, or guardrail
- When multiple detectable objects are close together
- If the sun or other light is shining directly on a detectable object
- When a detectable object is a shade of white and looks extremely bright
- When a detectable object appears to be nearly the same color or brightness as its surroundings
- If a detectable object cuts or suddenly emerges in front of your vehicle
- When the front of your vehicle is hit by water, snow, dust, etc.
- When a very bright light ahead, such as the sun or the headlights of oncoming traffic, shines directly into the front camera
- When approaching the side or front of a vehicle ahead
- If a vehicle ahead is a motorcycle
- If a vehicle ahead is narrow, such as a personal mobility vehicle
- If a preceding vehicle has a small rear end, such as an unloaded truck
- If a preceding vehicle has a low rear end, such as a low bed trailer



- If a vehicle ahead has extremely high ground clearance



- If a vehicle ahead is carrying a load which protrudes past its rear bumper
- If a vehicle ahead is irregularly shaped, such as a tractor or side car
- If a vehicle ahead is a child sized bicycle, a bicycle that is carrying a large load, a bicycle ridden by more than one person, or a uniquely shaped bicycle (bicycle with a child seat, tandem bicycle, etc.)
- If a pedestrian/or the riding height of a bicyclist ahead is shorter than approximately 1 m (3.2 ft.) or taller than approximately 2 m (6.5 ft.)
- If a pedestrian/bicyclist is wearing oversized clothing (a rain coat, long skirt, etc.), making their silhouette obscure
- If a pedestrian is bending forward or squatting or bicyclist is bending forward
- If a pedestrian/bicyclist is moving fast
- If a pedestrian is pushing a stroller, wheelchair, bicycle or other vehicle
- When driving in inclement weather such as heavy rain, fog, snow or a sandstorm
- When driving through steam or smoke
- When the surrounding area is dim, such as at dawn or dusk, or while at night or in a tunnel, making a detectable object appear to be nearly the same color as its surroundings
- When driving in a place where the surrounding brightness changes suddenly, such as at the entrance or exit of a tunnel
- After the EV system has started the vehicle has not been driven for a certain amount of time
- While making a left/right turn and for a few seconds after making a left/right turn
- While driving on a curve and for a few seconds after driving on a curve
- If your vehicle is skidding
- If the front of the vehicle is raised or lowered



- If the wheels are misaligned
- If a wiper blade is blocking the front camera
- The vehicle is being driven at extremely high speeds
- When driving on a hill
- If the radar sensor or front camera is misaligned

● In some situations such as the following, sufficient braking force may not be obtained, preventing the system from performing properly:

- If the braking functions cannot operate to their full extent, such as when the brake parts are extremely cold, extremely hot, or wet
- If the vehicle is not properly maintained (brakes or tires are excessively worn, improper tire inflation pressure, etc.)
- When the vehicle is being driven on a gravel road or other slippery surface

■ If VSC is disabled

● If VSC is disabled (→P.404), the pre-collision brake assist and pre-collision braking functions are also disabled.

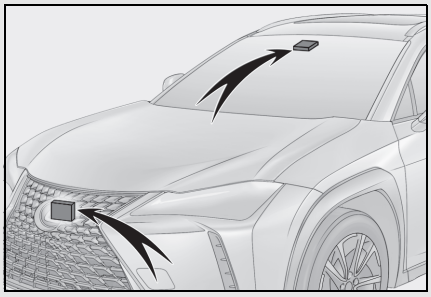
● The PCS warning light will turn on and "VSC Turned Off Pre-Collision Brake System Unavailable" will be displayed on the multi-information display.

LTA (Lane Tracing Assist)

While driving on a road with clear white (yellow) lane lines, the LTA system warns the driver if the vehicle may deviate from the current lane or course*, and also can slightly operate the steering wheel to help avoid deviation from the lane or course*. Also, while the dynamic radar cruise control with full-speed range is operating, this system will operate the steering wheel to maintain the vehicle's lane position.

The LTA system recognizes white (yellow) lane lines or a course* using the front camera. Additionally, it detects preceding vehicles using the front camera and radar.

*: Boundary between asphalt and the side of the road, such as grass, soil, or a curb



WARNING

■ Before using LTA system

- Do not rely solely upon the LTA system. The LTA system does not automatically drive the vehicle or reduce the amount of attention that must be paid to the area in front of the vehicle. The driver must always assume full responsibility for driving safely by paying careful attention to the surrounding conditions and operating the steering wheel to correct the path of the vehicle. Also, the driver must take adequate breaks when fatigued, such as from driving for a long period of time.
- Failure to perform appropriate driving operations and pay careful attention may lead to an accident, resulting in death or serious injury.
- When not using the LTA system, use the LTA switch to turn the system off.

■ Situations unsuitable for LTA system

In the following situations, use the LTA switch to turn the system off. Failure to do so may lead to an accident, resulting in death or serious injury.

- Vehicle is driven on a road surface which is slippery due to rainy weather, fallen snow, freezing, etc.
- Vehicle is driven on a snow-covered road.
- White (yellow) lines are difficult to see due to rain, snow, fog, dust, etc.
- Vehicle is driven in a temporary lane or restricted lane due to construction work.
- Vehicle is driven in a construction zone.
- A spare tire, tire chains, etc. are equipped.

WARNING

- When the tires have been excessively worn, or when the tire inflation pressure is low.
- During emergency towing

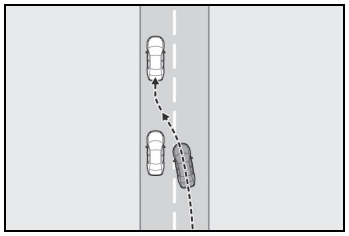
■ Preventing LTA system malfunctions and operations performed by mistake

- Do not modify the headlights or place stickers, etc. on the surface of the lights.
- Do not modify the suspension etc. If the suspension etc. needs to be replaced, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- Do not install or place anything on the hood or grille. Also, do not install a grille guard (bull bars, kangaroo bar, etc.).
- If your windshield needs repairs, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ Conditions in which functions may not operate properly

In the following situations, the functions may not operate properly and the vehicle may depart from its lane. Drive safely by always paying careful attention to your surroundings and operate the steering wheel to correct the path of the vehicle without relying solely on the functions.

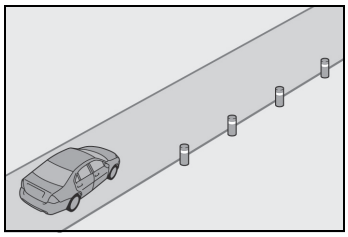
- When the follow-up cruising display is displayed (→P.347) and the preceding vehicle changes lanes. (Your vehicle may follow the preceding vehicle and also change lanes.)



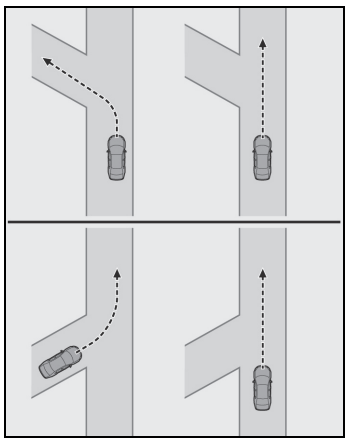
- When the follow-up cruising display is displayed (→P.347) and the preceding vehicle is swaying. (Your vehicle may sway accordingly and depart from the lane.)
- When the follow-up cruising display is displayed (→P.347) and the preceding vehicle departs from its lane. (Your vehicle may follow the preceding vehicle and depart from the lane.)
- When the follow-up cruising display is displayed (→P.347) and the preceding vehicle is being driven extremely close to the left/right lane line. (Your vehicle may follow the preceding vehicle and depart from the lane.)
- Vehicle is being driven around a sharp curve.

WARNING

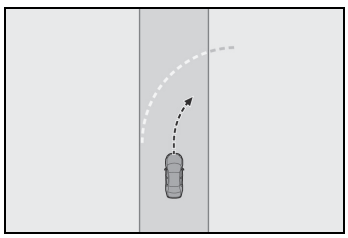
- Objects or patterns that could be mistaken for white (yellow) lines are present on the side of the road (guardrails, reflective poles, etc.).



- Vehicle is driven where the road diverges, merges, etc.



- Repair marks of asphalt, white (yellow) lines, etc. are present due to road repair.



- There are shadows on the road that run parallel with, or cover, the white (yellow) lines.
- The vehicle is driven in an area without white (yellow) lines, such as in front of a tollgate or checkpoint, or at an intersection, etc.
- The white (yellow) lines are cracked, "Raised pavement marker" or stones are present.
- The white (yellow) lines cannot be seen or are difficult to see due to sand, etc.
- The vehicle is driven on a road surface that is wet due to rain, puddles, etc.
- The traffic lines are yellow (which may be more difficult to recognize than lines that are white).
- The white (yellow) lines cross over a curb, etc.
- The vehicle is driven on a bright surface, such as concrete.
- If the edge of the road is not clear or straight.
- The vehicle is driven on a surface that is bright due to reflected light, etc.
- The vehicle is driven in an area where the brightness changes suddenly, such as at the entrances and exits of tunnels, etc.
- Light from the headlights of an oncoming vehicle, the sun, etc. enters the camera.
- The vehicle is driven on a slope.
- The vehicle is driven on a road which tilts left or right, or a winding road.
- The vehicle is driven on an unpaved or rough road.
- The traffic lane is excessively narrow or wide.
- The vehicle is extremely tilted due to carrying heavy luggage or having improper tire pressure.

WARNING

- The distance to the preceding vehicle is extremely short.
- The vehicle is moving up and down a large amount due to road conditions during driving (poor roads or road seams).
- When driving in a tunnel or at night with the headlights off or when a headlight is dim due to its lens being dirty or it being misaligned.
- The vehicle is struck by a crosswind.
- The vehicle is affected by wind from a vehicle driven in a nearby lane.
- The vehicle has just changed lanes or crossed an intersection.
- Tires which differ by structure, manufacturer, brand or tread pattern are used.
- When tires of a size other than specified are installed.
- Snow tires, etc. are equipped.
- The vehicle is being driven at extremely high speeds.

Functions included in LTA system

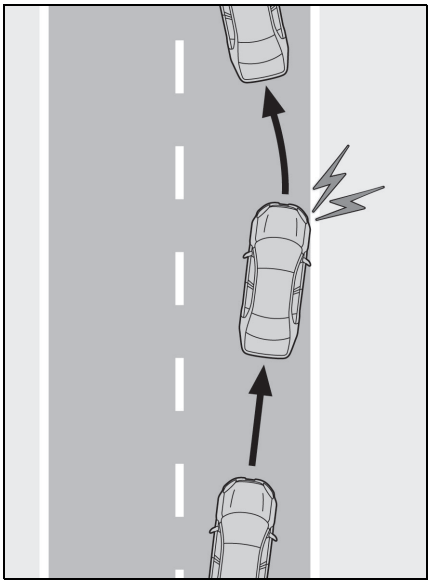
■ Lane departure alert function

When the system determines that the vehicle might depart from its lane or course*, a warning is displayed on the multi-information display, and either a warning buzzer will sound or the steering wheel will vibrate to alert the driver.

When the warning buzzer sounds or the steering wheel vibrates, check the area around your vehicle and carefully operate the steering wheel to move the vehicle back to the center of the lane.

Vehicle with BSM: When the system determines that the vehicle might depart from its lane and that the possibility of a collision with an overtaking vehicle in the adjacent lane is high, the lane departure alert will operate even if the turn signals are operating.

*: Boundary between asphalt and the side of the road, such as grass, soil, or a curb



■ Steering assist function

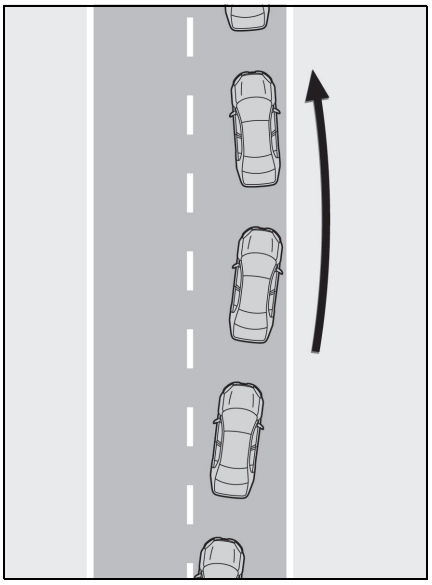
When the system determines that the vehicle might depart from its lane or course*, the system provides assistance as necessary by operating the steering wheel in small amounts for a short period of time to keep the vehicle in its lane.

If the system detects that the steering wheel has not been operated for a

fixed amount of time or the steering wheel is not being firmly gripped, a warning is displayed on the multi-information display and the function is temporarily canceled.

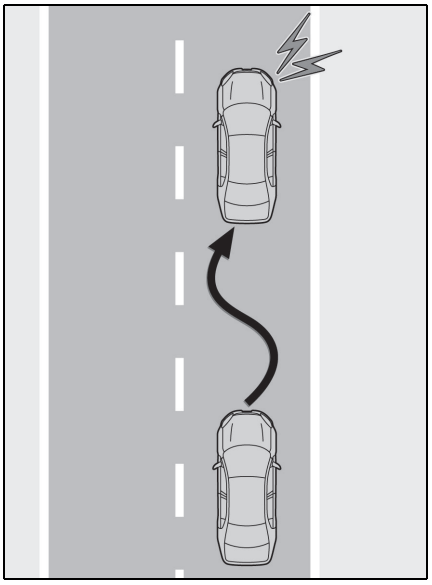
Vehicle with BSM: When the system determines that the vehicle might depart from its lane and that the possibility of a collision with an overtaking vehicle in the adjacent lane is high, the steering assist function will operate even if the turn signals are operating.

*: Boundary between asphalt and the side of the road, such as grass, soil, or a curb



■ Vehicle sway warning function

When the vehicle is swaying within a lane, the warning buzzer will sound and a message will be displayed on the multi-information display to alert the driver.



■ Lane centering function

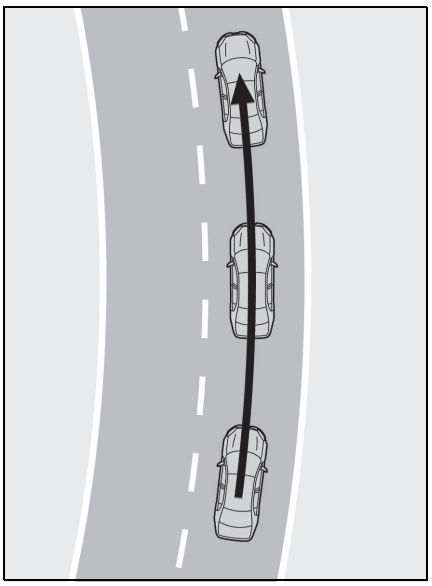
This function is linked with dynamic radar cruise control with full-speed range and provides the required assistance by operating the steering wheel to keep the vehicle in its current lane.

When dynamic radar cruise control with full-speed range is not operating, the lane centering function does not operate.

In situations where the white (yellow) lane lines are difficult to see or are not visible, such as when in a traffic jam, this function will operate to help follow a preceding vehicle by monitoring the position of the preceding vehicle.

If the system detects that the steering wheel has not been operated for a fixed amount of time or the steering wheel is not being firmly gripped, a warning is displayed on the multi-infor-

mation display and the function is temporarily canceled.



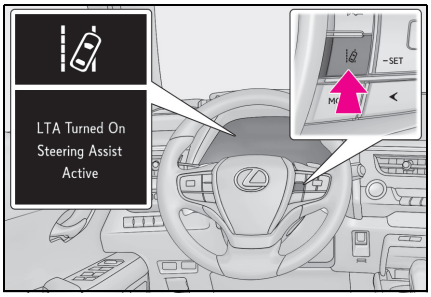
Turning LTA system on

Press the LTA switch to turn the LTA system on.

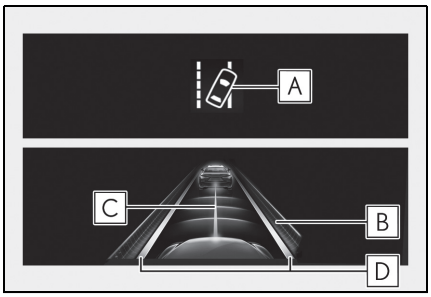
The LTA indicator illuminates and a message is displayed on the multi-information display.

Press the LTA switch again to turn the LTA system off.

When the LTA system is turned on or off, operation of the LTA system continues in the same condition the next time the EV system is started.



Indications on multi-information display



A LTA indicator

The illumination condition of the indicator informs the driver of the system operation status.

Illuminated in white:

LTA system is operating.

Illuminated in green:

Steering wheel assistance of the steering assist function or lane centering function is operating.

Flashing in orange:

Lane departure alert function is operating.

B Operation display of steering wheel operation support

Displayed when the multi-information display is switched to the driving support system information display.

Indicates that steering wheel assistance of

the steering assist function or lane centering function is operating.

Both outer sides of the lane are displayed:

Indicates that steering wheel assist of the lane centering function is operating.

One outer side of the lane is displayed:

Indicates that steering wheel assist of the steering assist function is operating.

Both outer sides of the lane are flashing:

Alerts the driver that their input is necessary to stay in the center of the lane (lane centering function).

C Follow-up cruising display

Displayed when the multi-information display is switched to the driving support system information display.

Indicates that steering assist of the lane centering function is operating by monitoring the position of a preceding vehicle.

When the follow-up cruising display is displayed, if the preceding vehicle moves, your vehicle may move in the same way. Always pay careful attention to your surroundings and operate the steering wheel as necessary to correct the path of the vehicle and ensure safety.

D Lane departure alert function display

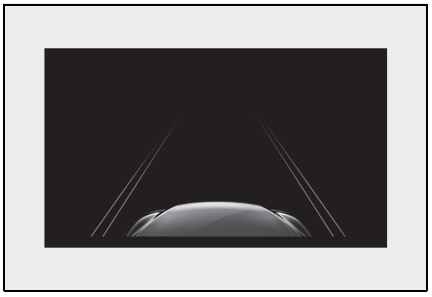
Displayed when the multi-information display is switched to the driving support system information display.

▶ Inside of displayed lines is white



Indicates that the system is recognizing white (yellow) lines or a course*. When the vehicle departs from its lane, the white line displayed on the side the vehicle departs from flashes orange.

▶ Inside of displayed lines is black



Indicates that the system is not able to recognize white (yellow) lines or a course* or is temporarily canceled.

*: Boundary between asphalt and the side of the road, such as grass, soil, or a curb

■ Operation conditions of each function

● Lane departure alert function

This function operates when all of the following conditions are met.

- LTA is turned on.
- Vehicle speed is approximately 50 km/h (32 mph) or more.*1
- System recognizes white (yellow) lane lines or a course*2. (When a white [yel-

low] line or course[*2] is recognized on only one side, the system will operate only for the recognized side.)
- Width of traffic lane is approximately 3 m (9.8 ft.) or more.
- Turn signal lever is not operated. (Vehicles with BSM: Except when another vehicle is in the lane on the side where the turn signal was operated)
- Vehicle is not being driven around a sharp curve.
- No system malfunctions are detected. (→P.351)

*1: The function operates even if the vehicle speed is less than approximately 50 km/h (32 mph) when the lane centering function is operating.

*2: Boundary between asphalt and the side of the road, such as grass, soil, or a curb

● Steering assist function

This function operates when all of the following conditions are met in addition to the operation conditions for the lane departure alert function.

- Setting for "Steering Assist" in  of the multi-information display is set to "On". (→P.176)
- Vehicle is not accelerated or decelerated by a fixed amount or more.
- Steering wheel is not operated with a steering force level suitable for changing lanes.
- ABS, VSC, TRC and PCS are not operating.
- TRC or VSC is not turned off.
- Hands off steering wheel warning is not displayed. (→P.350)

● Vehicle sway warning function

This function operates when all of the following conditions are met.

- Setting for "Warning" in  of the multi-information display is set to "On". (→P.176)
- Vehicle speed is approximately 50 km/h (32 mph) or more.
- Width of traffic lane is approximately 3 m (9.8 ft.) or more.
- No system malfunctions are detected. (→P.351)

● Lane centering function

This function operates when all of the following conditions are met.

- LTA is turned on.
- Setting for "Steering Assist" and "Lane Centre" in  of the multi-information display are set to "On". (→P.176)
- This function recognizes white (yellow) lane lines or the position of a preceding vehicle (except when the preceding vehicle is small, such as a motorcycle).
- The dynamic radar cruise control with full-speed range is operating in vehicle-to-vehicle distance control mode.
- Width of traffic lane is approximately 3 to 4 m (10 to 13 ft.).
- Turn signal lever is not operated.
- Vehicle is not being driven around a sharp curve.
- No system malfunctions are detected. (→P.351)
- Vehicle does not accelerate or decelerate by a fixed amount or more.
- Steering wheel is not operated with a steering force level suitable for changing lanes.
- ABS, VSC, TRC and PCS are not operating.
- TRC or VSC is not turned off.
- Hands off steering wheel warning is not displayed. (→P.350)
- The vehicle is being driven in the center of a lane.
- Steering assist function is not operating.

■ **Temporary cancelation of functions**

● When operation conditions are no longer met, a function may be temporarily canceled. However, when the operation conditions are met again, operation of the function is automatically restored. (→P.348)

● If the operation conditions (→P.348) are no longer met while the lane centering function is operating, the steering wheel may vibrate and the buzzer may sound to indicate that the function has been tem-

porarily canceled. However, if the Steering wheel vibration customization setting is set to On, the system will notify the driver by vibrating the steering wheel instead of sounding the buzzer.

■ **Steering assist function/lane centering function**

- Depending on the vehicle speed, lane departure situation, road conditions, etc., the driver may not feel the function is operating or the function may not operate at all.
- The steering control of the function is overridden by the driver's steering wheel operation.
- Do not attempt to test the operation of the steering assist function.

■ **Lane departure alert function**

- The warning buzzer may be difficult to hear due to external noise, audio playback, etc. Also, it may be difficult to feel steering wheel vibrations due to the road conditions, etc.
- If the edge of the course* is not clear or straight, the lane departure alert function may not operate.
- Vehicles with BSM: It may not be possible for the system to determine if there is a danger of a collision with a vehicle in an adjacent lane.
- Do not attempt to test the operation of the lane departure alert function.

*: Boundary between asphalt and the side of the road, such as grass, soil, or a curb

■ **Hands off steering wheel warning**

In the following situations, a warning message urging the driver to hold the steering wheel and the symbol shown in the illustration are displayed on the multi-information display to warn the driver. The warning stops when the system determines that the driver holds the steering wheel. Always keep your hands on the steering wheel when using this system, regardless of warnings.



- When the system determines that the driver is driving without holding the steering wheel while the system is operating

If the driver continues to keep their hands off of the steering wheel, the buzzer sounds, the driver is warned and the function is temporarily canceled. This warning also operates in the same way when the driver continuously operates the steering wheel only a small amount. The buzzer also sounds even if the alert type is set to Steering wheel vibration.

- When the system determines that the vehicle may deviate from the lane while driving around a curve while the lane centering function is operating.

Depending on the vehicle condition and road conditions, the warning may not operate. Also, if the system determines that the vehicle is driving around a curve, warnings will occur earlier than during straight-lane driving.

- When the system determines that the driver is driving without holding the steering wheel while the steering wheel assist of the steering assist function is operating.

If the driver continues to keep their hands off of the steering wheel and the steering wheel assist is operating, the buzzer sounds and the driver is warned. Each time the buzzer sounds, the continuing time of the buzzer becomes longer.

The buzzer also sounds even if the alert type is set to Steering wheel vibration.

■ Vehicle sway warning function

When the system determines that the vehicle is swaying while the vehicle sway warning function is operating, a buzzer sounds and a warning message urging the driver to rest and the symbol shown in the illustration are simultaneously displayed on the multi-information display.



Depending on the vehicle and road conditions, the warning may not operate.

■ Warning message

If the following warning message is displayed on the multi-information display and the LTA indicator illuminates in orange, follow the appropriate troubleshooting procedure. Also, if a different warning message is displayed, follow the instructions displayed on the screen.

● "LTA Malfunction Visit Your Dealer"

The system may not be operating properly. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

● "LTA Unavailable"

The system is temporarily canceled due to a malfunction in a sensor other than the front camera. Turn the LTA system off, wait for a little while, and then turn the LTA system back on.

● "LTA Unavailable at Current Speed"

The function cannot be used as the vehicle speed exceeds the LTA operation range. Drive slower.

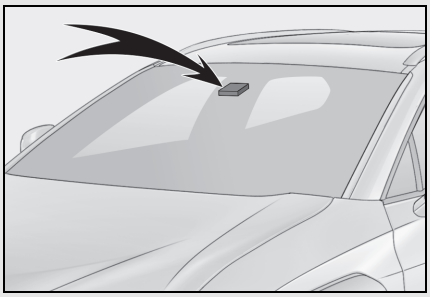
■ Customization

Function settings can be changed.

(Customizable features: →P.562)

RSA (Road Sign Assist)

The RSA system recognizes specific road signs using the front camera and/or navigation system (when speed limit information is available) to provide information to the driver via the display.



If the system judges that the vehicle is being driven over the speed limit, performing prohibited actions, etc. according to the recognized road signs, it notifies the driver through a visual notification and notification buzzer or steering wheel vibration.

⚠ WARNING

■ Before using the RSA

Do not rely solely upon the RSA system. RSA is a system which supports the driver by providing information, but it is not a replacement for a driver's own vision and awareness. Drive safely by always paying careful attention to the traffic rules.

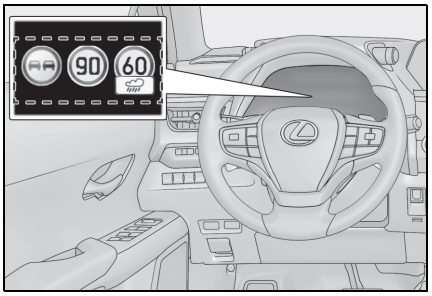
Indication on the multi-information display

When the front camera recognizes a sign and/or information of a sign is

5 Driving

available from the navigation system, the sign will be displayed on the multi-information display.

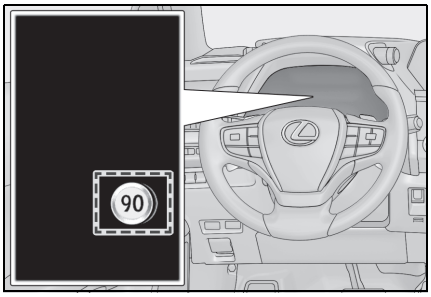
- When the driving support system information display is selected, a maximum of 3 signs can be displayed. (→P.176)



- When a tab other than the driving support system information display is selected, the following types of road signs will be displayed. (→P.176)

- Speed limit begins/ends sign
- Speed limit related information sign (Expressway, Highway, Urban area, Residential area)
- End of prohibition sign
- No-entry sign* (when notification is necessary)
- Speed limit with supplemental sign (Ramp way only)

*: For vehicles with navigation system



If signs other than speed limit signs are recognized, they will be displayed in an overlapping stack under the current speed limit sign.

Supported types of road signs

The following types of road signs, including electronic signs and blinking signs, are recognized.

A non-official (not meeting the Vienna Convention) or a recently introduced traffic sign may not be recognized.

- Speed limit road signs



: Speed limit begins/Maximum speed zone begins



: Speed limit ends/Maximum speed zone ends

- Speed limit related information*


: Expressway entrance


: Expressway exit

 : Highway entrance

 : Highway exit

 : Urban area beginning

 : Urban area ending

 : Urban area beginning

 : Urban area ending

 : Residential area beginning

 : Residential area ending

*: Displayed when a sign is recognized but speed limit information for the road is not available from the navigation system

- No-overtaking road signs

 : No overtaking begins

 : No overtaking ends

- Other road signs

 : No-entry*

 : End of prohibition



: Stop

*: For vehicles with navigation system

- Speed limit with supplemental mark*1

 : Wet

 : Rain

 : Ice

 : Supplemental mark exists*2

 : Exit ramp on right*3

 : Exit ramp on left*3

 : Time

*1: Displayed simultaneously with speed limit

*2: Contents not recognized.

*3: If the turn signal indicator is not operated when changing lanes, the mark does not display.

Notification function

In the following situations, the RSA system will notify the driver.

- When the vehicle speed exceeds the speed notification threshold of the speed limit sign displayed, the

sign display will be emphasized and a buzzer will sound.

- When the RSA system recognizes a no-entry sign and detects that the vehicle has entered a no-entry area based on the map information of the navigation system, the no-entry sign flashes and a buzzer will sound. (For vehicles with navigation system)
- If it is detected that your vehicle is overtaking when a no overtaking sign is displayed on the multi-information display, the displayed sign will flash and a steering wheel will vibrate.
  Depending on the situation, traffic environment (traffic direction, speed unit) may be detected incorrectly and a notification function may not operate properly.

■ **Setting procedure**

1 Press < or > of the meter control switches and select 

2 Press ∧ or ∨ of the meter control switches and select "Vehicle Settings", then press "OK"

3 Press ∧ or ∨ of the meter control switches and select , then press "OK"

4 Press ∧ or ∨ of the meter control switches and select "RSA", then press "OK"

■ **Automatic turn-off of RSA sign display**

One or more signs automatically turn off in the following situations.

- No sign has been recognized for a certain distance.
- The road changes due to a left or right turn, etc.

■ **Conditions in which the function may not operate or detect correctly**

In the following situations, RSA does not operate normally and may not recognize signs, display the incorrect sign, etc. However, this does not indicate a malfunction.

- The front camera is misaligned due to a strong impact being applied to the sensor, etc.
- Dirt, snow, stickers, etc. are on the windshield near the front camera.
- In inclement weather such as heavy rain, fog, snow or sand storms.
- Light from an oncoming vehicle, the sun, etc. enters the front camera.
- The sign is dirty, faded, tilted or bent.
- The contrast of electronic sign is low.
- All or part of the sign is hidden by the leaves of a tree, a pole, etc.
- The sign is only visible to the front camera for a short amount of time.
- The driving scene (turning, lane change, etc.) is judged incorrectly.
- If a sign not appropriate for the currently traveled lane, but the sign exists directly after a freeway branches, or in an adjacent lane just before merging.
- Stickers are attached to the rear of the preceding vehicle.
- A sign resembling a system compatible sign is recognized.
- Side road speed signs may be detected and displayed (if positioned in sight of the front camera) while the vehicle is traveling on the main road.
- Roundabout exit road speed signs may be detected and displayed (if positioned in sight of the front camera) while traveling on a roundabout.
- The front of the vehicle is raised or lowered due to the carried load.
- The surrounding brightness is not sufficient or changes suddenly.

- When a sign intended for trucks, etc. is recognized.
- The vehicle is driven in a country with a different direction of traffic.
- The navigation system map data is outdated.
- The navigation system is not operating.
- The speed information displayed on the meter and on the navigation system may be different due to the navigation system using map data.

■ **Speed limit sign display**

If the power switch was last turned off while a speed limit sign was displayed on the multi-information display, the same sign displays again when the power switch is turned to ON.

■ **Customization**

Some functions can be customized. (Customizable features: →P.563)

Dynamic radar cruise control with full-speed range

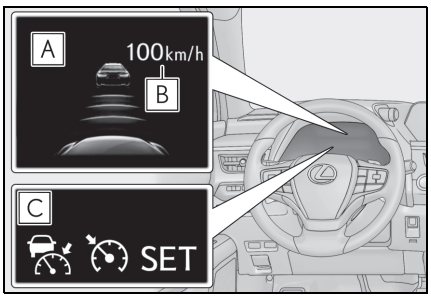
In vehicle-to-vehicle distance control mode, the vehicle automatically accelerates, decelerates and stops to match the speed changes of the preceding vehicle even if the accelerator pedal is not depressed. In constant speed control mode, the vehicle runs at a fixed speed.

Use the dynamic radar cruise control with full-speed range on freeways and highways.

- Vehicle-to-vehicle distance control mode (→P.358)
- Constant speed control mode (→P.362)

System components

■ **Meter display**



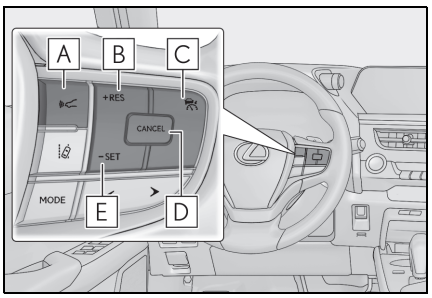
A Multi-information display

B Set speed

C Indicators

5 Driving

■ Operation switches



A Vehicle-to-vehicle distance switch

B "+RES" switch

C Cruise control main switch

D Cancel switch

E "-SET" switch

WARNING

■ **Before using dynamic radar cruise control with full-speed range**

- Driving safely is the sole responsibility of the driver. Do not rely solely on the system, and drive safely by always paying careful attention to your surroundings.
- The dynamic radar cruise control with full-speed range provides driving assistance to reduce the driver's burden. However, there are limitations to the assistance provided.
  Read the following conditions carefully. Do not overly rely on this system and always drive carefully.
  - When the sensor may not be correctly detecting the vehicle ahead: →P.364
  - Conditions under which the vehicle-to-vehicle distance control mode may not function correctly: →P.365
- Set the speed appropriately depending on the speed limit, traffic flow, road conditions, weather conditions, etc. The driver is responsible for checking the set speed.
- Even when the system is functioning normally, the condition of the preceding vehicle as detected by the system may differ from the condition observed by the driver. Therefore, the driver must always remain alert, assess the danger of each situation and drive safely. Relying solely on this system or assuming the system ensures safety while driving can lead to an accident, resulting in death or serious injury.
- Switch the dynamic radar cruise control with full-speed range setting to off, using the cruise control main switch when not in use.

■ **Cautions regarding the driving assist systems**

Observe the following precautions, as there are limitations to the assistance provided by the system.
Failure to do so may cause an accident resulting in death or serious injury.

- Assisting the driver to measure following distance
  The dynamic radar cruise control with full-speed range is only intended to help the driver in determining the following distance between the driver's own vehicle and a designated vehicle traveling ahead. It is not a mechanism that allows careless or inattentive driving, and it is not a system that can assist the driver in low-visibility conditions. It is still necessary for driver to pay close attention to the vehicle's surroundings.

WARNING

- Assisting the driver to judge proper following distance
  The dynamic radar cruise control with full-speed range determines whether the following distance between the driver's own vehicle and a designated vehicle traveling ahead is within a set range. It is not capable of making any other type of judgement. Therefore, it is absolutely necessary for the driver to remain vigilant and to determine whether or not there is a possibility of danger in any given situation.
- Assisting the driver to operate the vehicle
  The dynamic radar cruise control with full-speed range does not include functions which will prevent or avoid collisions with vehicles ahead of your vehicle. Therefore, if there is ever any possibility of danger, the driver must take immediate and direct control of the vehicle and act appropriately in order to ensure the safety of all involved.

■ Situations unsuitable for dynamic radar cruise control with full-speed range

Do not use dynamic radar cruise control with full-speed range in any of the following situations.

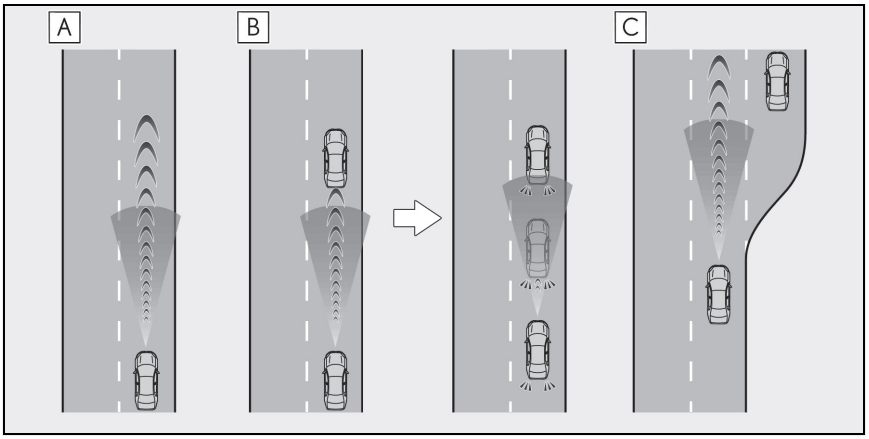
Doing so may result in inappropriate speed control and could cause an accident resulting in death or serious injury.

- Roads where there are pedestrians, cyclists, etc.
- 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, or 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 freeways and highways
- When weather conditions are bad enough that they may prevent the sensors from detecting correctly (fog, snow, sandstorm, heavy rain, etc.)
- When there is rain, snow, etc. on the front surface of the radar or front camera
- In traffic conditions that require frequent repeated acceleration and deceleration
- During emergency towing
- When an approach warning buzzer is heard often

Driving in vehicle-to-vehicle distance control mode

This mode employs a radar to detect the presence of vehicles up to approximately 100 m (328 ft.) ahead, determines the current vehicle-to-vehicle following distance, and operates to maintain a suitable following distance from the vehicle ahead. The desired vehicle-to-vehicle distance can also be set by operating the vehicle-to-vehicle distance switch.

When driving on downhill slopes, the vehicle-to-vehicle distance may become shorter.



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

The vehicle travels at the speed set by the driver.

B Example of deceleration cruising and follow-up cruising
When a preceding vehicle driving slower than the set speed appears

When a vehicle is detected running ahead of you, the system automatically decelerates your vehicle. When a greater reduction in vehicle speed is necessary, the system applies the brakes (the stop lights will come on at this time). The system will respond to changes in the speed of the vehicle ahead in order to maintain the vehicle-to-vehicle distance set by the driver. Approach warning warns you when the system cannot decelerate sufficiently to prevent your vehicle from closing in on the vehicle ahead.

When the vehicle ahead of you stops, your vehicle will also stop (vehicle is stopped by system control). After the vehicle ahead starts off, pressing the "+RES" switch or depressing the accelerator pedal (start-off operation) will resume follow-up cruising. If the start-off operation is not performed, system control continues to keep your vehicle stopped.

When the turn signal lever is operated and your vehicle moves to an overtaking lane while driving at 80 km/h (50 mph) or more, the vehicle will accelerate to help to overtake a passing vehicle.

The system's identification of what is an overtaking lane may be determined solely based on the location of the steering wheel in the vehicle (left side driver position versus right side driver position.) If the vehicle is driven to a region where the overtaking lane is on a different side from where the vehicle is normally driven, the vehicle may accelerate when the turn signal lever is operated in the opposite direction to the overtaking lane (e.g., if the driver normally operates the vehicle in a region where the overtaking lane is to the right but then drives to a region where the overtaking lane is to the left, the vehicle may accelerate when the right turn signal is activated).

C Example of acceleration

When there are no longer any preceding vehicles driving slower than the set speed

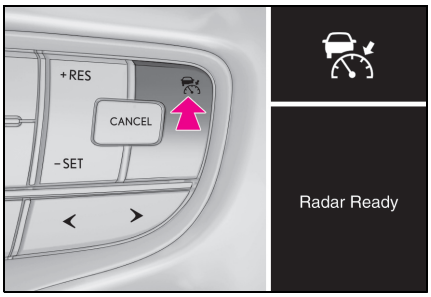
The system accelerates until the set speed is reached. The system then returns to constant speed cruising.

Setting the vehicle speed (vehicle-to-vehicle distance control mode)

1 Press the cruise control main switch to activate the cruise control.

Dynamic radar cruise control indicator will come on and a message will be displayed on the multi-information display. Press the switch again to deactivate the cruise control.

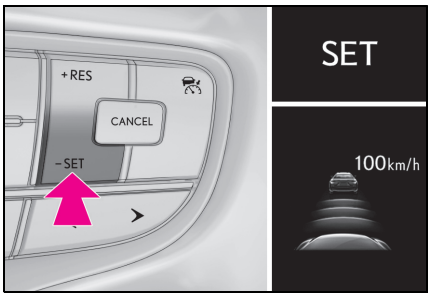
If the cruise control main switch is pressed and held for 1.5 seconds or more, the system turns on in constant speed control mode. (→P.362)



2 Accelerate or decelerate, with accelerator pedal operation, to the desired vehicle speed (at or above approximately 30 km/h [20 mph]) and press the "-SET" switch to set the speed.

Cruise control "SET" indicator will come on.

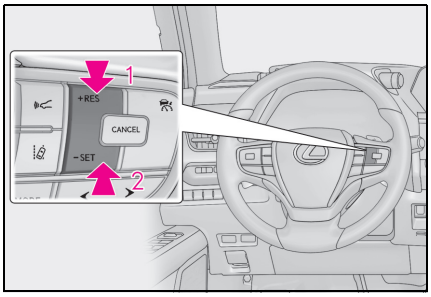
The vehicle speed at the moment the switch is released becomes the set speed.



Adjusting the set speed

● Adjusting the set speed by the switch

To change the set speed, press the "+RES" or "-SET" switch until the desired set speed is displayed.



1 Increases the speed
(Except when the vehicle has been stopped by system control in vehicle-to-vehicle distance control mode)

2 Decreases the speed

Fine adjustment: Press the switch.

Large adjustment: Press and hold the switch to change the speed, and release when the desired speed is reached.

In the vehicle-to-vehicle distance control mode, the set speed will be increased or decreased as follows:

Fine adjustment: By 1 km/h (0.6 mph)*1 or 1 mph (1.6 km/h)*2 each time the switch is pressed

Large adjustment: Increases or decreases in 5 km/h (3.1 mph)*1 or 5 mph (8 km/h)*2 increments for as long as the switch is held

In the constant speed control mode (→P.362), the set speed will be increased or decreased as follows:

Fine adjustment: By 1 km/h (0.6 mph)*1 or 1 mph (1.6 km/h)*2 each time the switch is pressed

Large adjustment: The speed will continue to change while the switch is held.

*1: When the set speed is shown in "km/h"

*2: When the set speed is shown in "MPH"

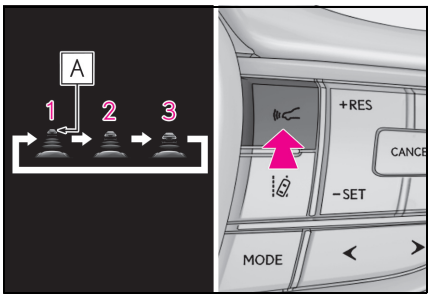
- Increasing the set speed by the accelerator pedal

1 Accelerate with accelerator pedal operation to the desired vehicle speed

2 Press the "-SET" switch

Changing the vehicle-to-vehicle distance (vehicle-to-vehicle distance control mode)

Pressing the switch changes the vehicle-to-vehicle distance as follows:



1 Long

2 Medium

3 Short

If a vehicle is running ahead of you, the preceding vehicle mark A will also be displayed.

Vehicle-to-vehicle distance settings (vehicle-to-vehicle distance control mode)

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

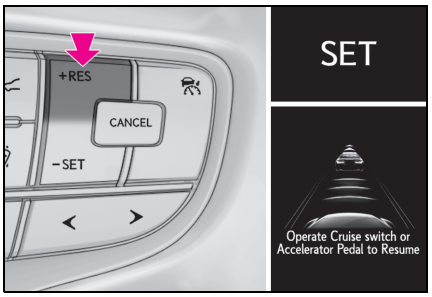
with vehicle speed. When the vehicle is stopped by system control, the vehicle stops at a certain vehicle-to-vehicle distance depending on the situation.

Distance options	Vehicle-to-vehicle distance
Long	Approximately 50 m (160 ft.)
Medium	Approximately 40 m (130 ft.)
Short	Approximately 30 m (100 ft.)

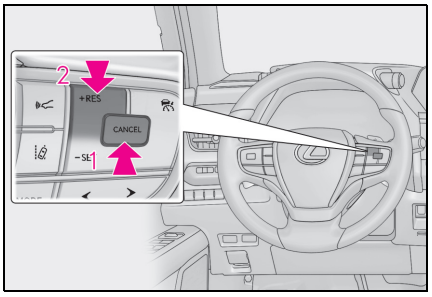
Resuming follow-up cruising when the vehicle has been stopped by system control (vehicle-to-vehicle distance control mode)

After the vehicle ahead of you starts off, press the "+RES" switch.

Your vehicle will also resume follow-up cruising if the accelerator pedal is depressed after the vehicle ahead of you starts off.



Canceling and resuming the speed control



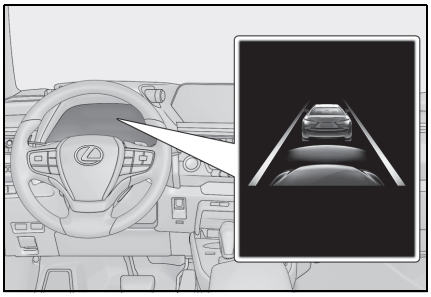
1 Pressing the cancel switch cancels the speed control.

The speed control is also canceled when the brake pedal is depressed.
(When the vehicle has been stopped by system control, depressing the brake pedal does not cancel the setting.)

2 Pressing the "+RES" switch resumes the cruise control and returns vehicle speed to the set speed.

Approach warning (vehicle-to-vehicle distance control mode)

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 the 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. Depress the brake pedal to ensure an appropriate vehicle-to-vehicle distance.



■ **Warnings may not occur when**

In the following instances, warnings may not occur even when the vehicle-to-vehicle distance is small.

- When the speed of the preceding vehicle matches or exceeds your vehicle speed
- When the preceding vehicle is traveling at an extremely slow speed
- Immediately after the cruise control speed was set
- When depressing the accelerator pedal

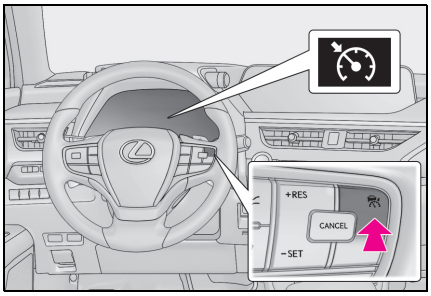
Selecting constant speed control mode

When constant speed control mode is selected, your vehicle will maintain a set speed without controlling the vehicle-to-vehicle distance. Select this mode only when vehicle-to-vehicle distance control mode does not function correctly due to a dirty radar, etc.

1 With the cruise control off, press and hold the cruise control main switch for 1.5 seconds or more.

Immediately after the switch is pressed, the dynamic radar cruise control indicator will come on. Afterwards, it switches to the cruise control indicator.

Switching to constant speed control mode is only possible when operating the switch with the cruise control off.



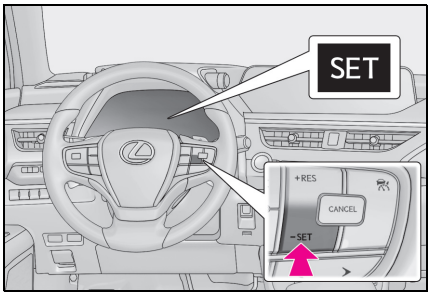
2 Accelerate or decelerate, with accelerator pedal operation, to the desired vehicle speed (at or above approximately 30 km/h [20 mph]) and press the "-SET" switch to set the speed.

Cruise control "SET" indicator will come on.

The vehicle speed at the moment the switch is released becomes the set speed.

Adjusting the speed setting: →P.359

Canceling and resuming the speed setting: →P.361

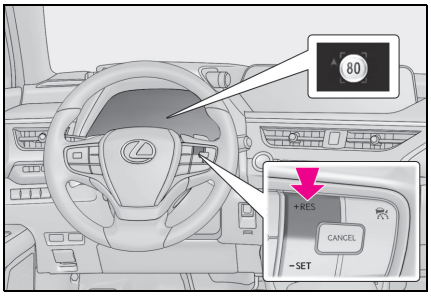


Dynamic Radar Cruise Control with Road Sign Assist

When this function is enabled and the system is operating in vehicle-to-vehi-

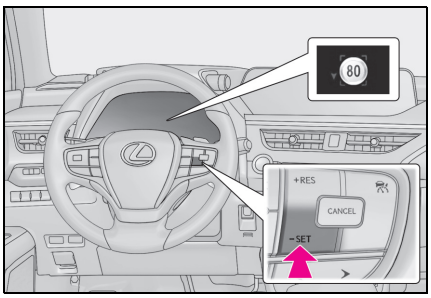
cle distance control mode (→P.358), when a speed limit sign is detected, the recognized speed limit will be displayed with an up/down arrow. The set speed can be increased/reduced to the recognized speed limit by pressing and holding the "+RES"/"-SET" switch.

- When the current set speed is lower than the recognized speed limit



Press and hold the "+RES" switch.

- When the current set speed is higher than the recognized speed limit



Press and hold the "-SET" switch.

Enabling/Disabling the Dynamic Radar Cruise Control with Road Sign Assist

Dynamic Radar Cruise Control with Road Sign Assist can be enabled/disabled in on the multi-information display. (→P.176)

When the Dynamic Radar Cruise Control with Road Sign Assist is operating, while driving down a hill, the vehicle speed may exceed the set speed.

In this case, the displayed set vehicle speed will be highlighted and a buzzer will sound to alert the driver.

Dynamic radar cruise control with full-speed range can be set when

- The shift position is in D.
- The desired set speed can be set when the vehicle speed is approximately 30 km/h (20 mph) or more. (However, when the vehicle speed is set while driving at below approximately 30 km/h [20 mph], the set speed will be set to approximately 30 km/h [20 mph].)

Accelerating after setting the vehicle speed

The vehicle can accelerate by operating the accelerator pedal. After accelerating, the set speed resumes. However, during vehicle-to-vehicle distance control mode, the vehicle speed may decrease below the set speed in order to maintain the distance to the preceding vehicle.

When the vehicle stops while follow-up cruising

- Pressing the "+RES" switch while the vehicle ahead stops will resume follow-up cruising if the vehicle ahead starts off within approximately 3 seconds after the switch is pressed.
- If the vehicle ahead starts off within 3 seconds after your vehicle stops, follow-up cruising will be resumed.

Automatic cancelation of vehicle-to-vehicle distance control mode

Vehicle-to-vehicle distance control mode is automatically canceled in the following situ-

ations.

- VSC is activated.
- TRC is activated for a period of time.
- When the VSC or TRC system is turned off.
- The sensor cannot detect correctly because it is covered in some way.
- Pre-collision braking is activated.
- The parking brake is operated.
- The vehicle is stopped by system control on a steep incline.
- The following are detected when the vehicle has been stopped by system control:
  - The driver is not wearing a seat belt.
  - The driver's door is opened.
  - The vehicle has been stopped for about 3 minutes

If vehicle-to-vehicle distance control mode is automatically canceled for any reasons other than the above, there may be a malfunction in the system. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Automatic cancelation of constant speed control mode

Constant speed control mode is automatically canceled in the following situations:

- Actual vehicle speed is more than approximately 16 km/h (10 mph) below the set vehicle speed.
- Actual vehicle speed falls below approximately 30 km/h (20 mph).
- VSC is activated.
- TRC is activated for a period of time.
- When the VSC or TRC system is turned off.
- Pre-collision braking is activated.
- The parking brake is operated.

If constant speed control mode is automatically canceled for any reasons other than the above, there may be a malfunction in the system. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

The Dynamic Radar Cruise Control with Road Sign Assist may not operate properly when

As the Dynamic Radar Cruise Control with Road Sign Assist may not operate properly in conditions in which RSA may not operate or detect correctly (→P.354), when using this function, make sure to check the speed limit sign displayed.

In the following situations, the set speed may not be changed to the recognized speed limit by pressing and holding the "+RES"/"-SET" switch.

- If speed limit information is not available
- When the recognized speed limit is the same as the set speed
- When the recognized speed limit is outside of the speed range that the dynamic radar cruise control system can operate

Brake operation

A brake operation sound may be heard and the brake pedal response may change, but these are not malfunctions.

Warning messages and buzzers for dynamic radar cruise control with full-speed range

Warning messages and buzzers are used to indicate a system malfunction or to inform the driver of the need for caution while driving. If a warning message is shown on the multi-information display, read the message and follow the instructions. (→P.333, 522)

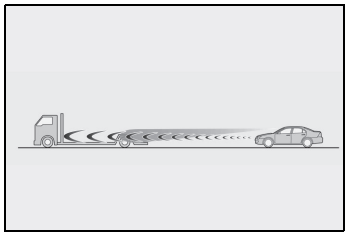
When the sensor may not be correctly detecting the vehicle ahead

In the case of the following and depending on the conditions, operate the brake pedal when deceleration of the system is insufficient or operate the accelerator pedal when acceleration is required.

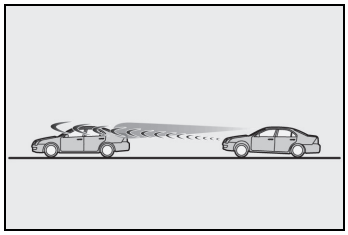
As the sensor may not be able to correctly detect these types of vehicles, the approach warning (→P.361) may not be activated.

- Vehicles that cut in suddenly
- Vehicles traveling at low speeds

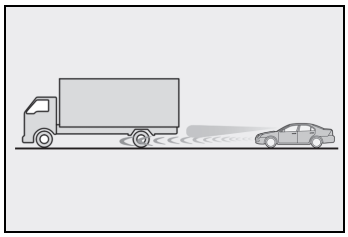
- Vehicles that are not moving in the same lane
- Vehicles with small rear ends (trailers with no load on board, etc.)



- Motorcycles traveling in the same lane
- When water or snow thrown up by the surrounding vehicles hinders the detecting of the sensor
- When your vehicle is pointing upwards (caused by a heavy load in the luggage compartment, etc.)



- Preceding vehicle has an extremely high ground clearance

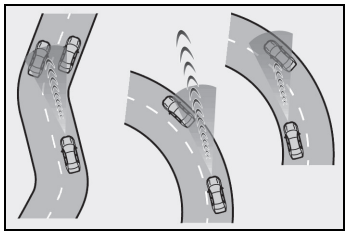


■ Conditions under which the vehicle-to-vehicle distance control mode may not function correctly

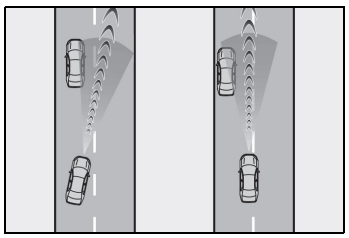
In the case of the following conditions, operate the brake pedal (or accelerator pedal, depending on the situation) as necessary.

As the sensor may not be able to correctly detect vehicles ahead, the system may not operate properly.

- 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
- When driving on a road surrounded by a structure, such as in a tunnel or on a bridge

BSM (Blind Spot Monitor)*

*: If equipped

The Blind Spot Monitor is a system that uses rear side radar sensors installed on the inner side of the rear bumper on the left and right side to assist the driver in confirming safety when changing lanes.

WARNING

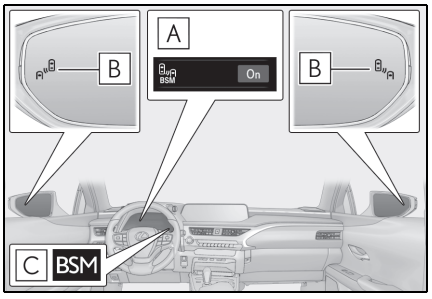
■ Cautions regarding the use of the system

The driver is solely responsible for safe driving. Always drive safely, taking care to observe your surroundings.

The Blind Spot Monitor is a supplementary function which alerts the driver that a vehicle is in a blind spot of the outside rear view mirrors or is approaching rapidly from behind into a blind spot. Do not overly rely on the Blind Spot Monitor. As the function cannot judge if it is safe to change lanes, over reliance could lead to an accident resulting in death or serious injury.

As the system may not function correctly under certain conditions, the driver's own visual confirmation of safety is necessary.

System components



A Multi-information display

The Blind Spot Monitor can be turned on/off.

B Outside rear view mirror indicators

When a vehicle is detected in a blind spot of the outside rear view mirrors or approaching rapidly from behind into a blind spot, the outside rear view mirror indicator on the detected side will illuminate. If the turn signal lever is operated toward the detected side, the outside rear view mirror indicator flashes.

C BSM indicator

Illuminates when the Blind Spot Monitor is enabled

■ Outside rear view mirror indicator visibility

In strong sunlight, the outside rear view mirror indicator may be difficult to see.

■ When "Blind Spot Monitor Unavailable" is shown on the multi-information display

Ice, snow, mud, etc., may be attached to the rear bumper around the sensors. (→P.373) The system should return to normal operation after removing the ice, snow, mud, etc. from the rear bumper. Additionally, the sensors may not operate normally when driving in extremely hot or cold environments.

■ Customization

Some functions can be customized. (→P.564)

■ Certification

Transmitter:	Model: DNSRR004 Operation frequency: 24.15 GHz Maximum output power: 20 mW or less
Manufacturer:	DENSO CORPORATION
Address:	1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661 Japan

Hereby, DENSO CORPORATION declares that the radio equipment type is in compliance with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following internet address:
https://www.denso.com/global/en/contact-us/doc/

01

DENSO CORPORATION vakuuttaa, että radiolaitetyyppi on direktiivin 2014/53/EU mukainen.
EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:
https://www.denso.com/global/en/contact-us/doc/

02

Hierbij verklaar ik, DENSO CORPORATION, dat het type radioapparatuur conform is met Richtlijn 2014/53/EU.
De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:
https://www.denso.com/global/en/contact-us/doc/

03

Le soussigné, DENSO CORPORATION, déclare que l'équipement radioélectrique du type est conforme à la directive 2014/53/UE.
Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:
https://www.denso.com/global/en/contact-us/doc/

04

Härmed försäkrar DENSO CORPORATION att denna typ av radioutrustning överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: https://www.denso.com/global/en/contact-us/doc/ 05
Hermed erklærer DENSO CORPORATION, at radioudstyrstypen er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: https://www.denso.com/global/en/contact-us/doc/ 06
Hiermit erklärt DENSO CORPORATION, dass der Funkanlagentyp der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: https://www.denso.com/global/en/contact-us/doc/ 07
Με την παρούσα ο/η DENSO CORPORATION, δηλώνει ότι ο ραδιοεξοπλισμός πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: https://www.denso.com/global/en/contact-us/doc/ 08
Il fabbricante, DENSO CORPORATION, dichiara che il tipo di apparecchiatura radio è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: https://www.denso.com/global/en/contact-us/doc/ 09

Por la presente, DENSO CORPORATION declara que el tipo de equipo radioeléctrico es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: https://www.denso.com/global/en/contact-us/doc/ 10
O(a) abaixo assinado(a) DENSO CORPORATION declara que o presente tipo de equipamento de rádio está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: https://www.denso.com/global/en/contact-us/doc/ 11
B'dan, DENSO CORPORATION, niddikjara li dan it-tip ta' tagħmir tar-radju huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: https://www.denso.com/global/en/contact-us/doc/ 12
Käesolevaga deklareerib DENSO CORPORATION, et käesolev raadioseadme tüüp vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: https://www.denso.com/global/en/contact-us/doc/ 13
DENSO CORPORATION igazolja, hogy a típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: https://www.denso.com/global/en/contact-us/doc/ 14

DENSO CORPORATION týmto vyhlasuje, že rádiové zariadenie typu je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: https://www.denso.com/global/en/contact-us/doc/ 15
Tímto DENSO CORPORATION prohlašuje, že typ rádiového zařízení je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: https://www.denso.com/global/en/contact-us/doc/ 16
DENSO CORPORATION potrjuje, da je tip radijske opreme skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: https://www.denso.com/global/en/contact-us/doc/ 17
Aš, DENSO CORPORATION, patvirtinu, kad radijo įrenginių tipas atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: https://www.denso.com/global/en/contact-us/doc/ 18
Ar šo DENSO CORPORATION deklarē, ka radioiekārta atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: https://www.denso.com/global/en/contact-us/doc/ 19

DENSO CORPORATION niniejszym oświadcza, że typ urządzenia radiowego jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: https://www.denso.com/global/en/contact-us/doc/ 20
Hér með lýsir DENSO CORPORATION yfir því að er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU. Samræmisyfirlýsing er einnig aðgengileg á eftirfarandi vefslóð: https://www.denso.com/global/en/contact-us/doc/ 21
DENSO CORPORATION erklærer at er i overensstemmelse med direktiv 2014/53/EU. Samsvarserklæringen i fulltekst er tilgjengelig på følgende internettadresse: https://www.denso.com/global/en/contact-us/doc/ 22
С настоящото DENSO CORPORATION декларира, че този тип радиосъоръжение е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: https://www.denso.com/global/en/contact-us/doc/ 23
Prin prezenta, DENSO CORPORATION declară că tipul de echipamente radio este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: https://www.denso.com/global/en/contact-us/doc/ 24

DENSO CORPORATION ovime izjavljuje da je radijska oprema tipa u skladu s Direktivom 2014/53/EU.
Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:
https://www.denso.com/global/en/contact-us/doc/

25

Овиме, DENSO CORPORATION изјављује да је радио опрема тип усаглашена са Директивом 2014/53/EU.
Цео текст ЕУ декларације о усаглашености доступам је на следећој интернет адреси:
https://www.denso.com/global/en/contact-us/doc/

26

Amb aquest document, DENSO CORPORATION declara que el tipus d'equipament radioelèctric es conforme a la Directiva 2014/53/UE.
El text complet de la declaració UE de conformitat està disponible en la següent adreça d'Internet:
https://www.denso.com/global/en/contact-us/doc/

27

İşbu belge; DENSO CORPORATION telsiz ekipmanı tipinin 2014/53/AB sayılı Direktif'e uygun olduğunu beyan eder.
AB uygunluk beyanının tam metni aşağıdaki internet adresinde mevcuttur:
https://www.denso.com/global/en/contact-us/doc/

28

Nepermjet kesaj, DENSO CORPORATION, deklaroj qe ky DNSRR004 eshte ne pajtim me kerkesat thelbesore dhe dispozitat e tjera perkatese te Direktives 1999/5/EC.

29

CE The latest "DECLARATION of CONFORMITY" (DoC) is available at the following address:
https://www.denso.com/global/en/contact-us/doc/

טויוטה מוטור אירופה נו\סא, שדרות דו בורגט 60-1140 בריסל,
בלגיה www.toyota-europe.com

מוצר : חיישן נסתר
סימן רשום : DENSO
ארץ ייצור : ראה מוצר
דגם : DNSRR004
שנת ייצור : ראה מוצר

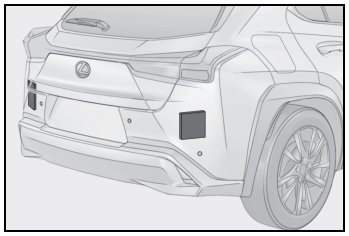
WARNING

■ Handling the rear side radar sensor

Blind Spot Monitor sensors are installed behind the left and right sides of the rear bumper respectively. Observe the following to ensure the Blind Spot Monitor can operate correctly.

- Keep the sensors and the surrounding areas on the rear bumper clean at all times.

If a sensor or its surrounding area on the rear bumper is dirty or covered with snow, the Blind Spot Monitor may not operate and a warning message (→P.366) will be displayed. In this situation, clear off the dirt or snow and drive the vehicle with the operation conditions of the BSM function (→P.375) satisfied for approximately 10 minutes. If the warning message does not disappear, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.



- Do not attach stickers to the sensor or surrounding area on the rear bumper.

WARNING

- Do not subject a sensor or its surrounding area on the rear bumper to a strong impact.

If a sensor is moved even slightly off position, the system may malfunction and vehicles may not be detected correctly.In the following situations, have your vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- A sensor or its surrounding area is subject to a strong impact.
- If the surrounding area of a sensor is scratched or dented, or part of them has become disconnected.

- Do not disassemble the sensor.
- Do not modify the sensor or surrounding area on the rear bumper.
- Do not paint the rear bumper any color other than an official Lexus color.

Turning the Blind Spot Monitor on/off

Use the meter control switches to turn on/off the function. (→P.176)

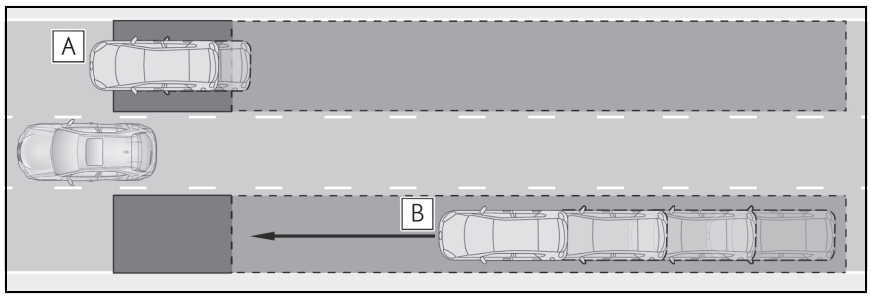
1 Press < or > to select .

2 Press ∧ or ∨ to select BSM and then press "OK".

Blind Spot Monitor operation

■ Vehicles that can be detected by the Blind Spot Monitor

The Blind Spot Monitor uses rear side radar sensors to detect the following vehicles traveling in adjacent lanes and advises the driver of the presence of such vehicles via the indicators on the outside rear view mirrors.

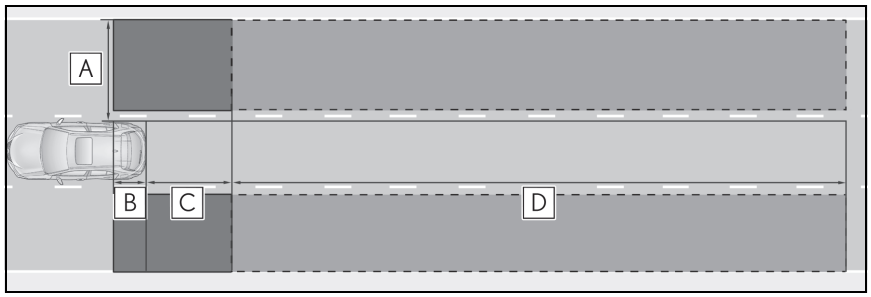


A Vehicles that are traveling in areas that are not visible using the outside rear view mirrors (the blind spots)

B Vehicles that are approaching rapidly from behind in areas that are not visible using the outside rear view mirrors (the blind spots)

■ The Blind Spot Monitor detection areas

The areas that vehicles can be detected in are outlined below.



The range of each detection area is:

A Approximately 0.5 m (1.6 ft.) to 3.5 m (11.5 ft.) from either side of the vehicle*1

B Approximately 1 m (3.3 ft.) forward of the rear bumper

C Approximately 3 m (9.8 ft.) from the rear bumper

D Approximately 3 m (9.8 ft.) to 60 m (197 ft.) from the rear bumper*2

*1: The area between the side of the vehicle and 0.5 m (1.6 ft.) from the side of the vehicle cannot be detected.

*2: The greater the difference in speed between your vehicle and the detected vehicle is, the farther away the vehicle will be detected, causing the outside rear view mirror indicator to illuminate or flash.

■ The Blind Spot Monitor is operational when

The Blind Spot Monitor is operational when all of the following conditions are met:

- The Blind Spot Monitor is on.
- The shift position is in a position other than R.
- The vehicle speed is greater than approximately 16 km/h (10 mph).

■ The Blind Spot Monitor will detect a vehicle when

The Blind Spot Monitor will detect a vehicle present in the detection area in the following situations:

- A vehicle in an adjacent lane overtakes your vehicle.
- You overtake a vehicle in adjacent lane slowly.
- Another vehicle enters the detection area when it changes lanes.

■ Conditions under which the Blind Spot Monitor will not detect a vehicle

The Blind Spot Monitor is not designed to detect the following types of vehicles and/or objects:

- Small motorcycles, bicycles, pedestrians, etc.*
- Vehicles traveling in the opposite direction
- Guardrails, walls, signs, parked vehicles and similar stationary objects*
- Following vehicles that are in the same lane*
- Vehicles traveling 2 lanes away from

5 Driving

your vehicle*

● Vehicles which are being overtaken rapidly by your vehicle*

*: Depending on the conditions, detection of a vehicle and/or object may occur.

■ Conditions under which the Blind Spot Monitor may not function correctly

● The Blind Spot Monitor may not detect vehicles correctly in the following situations:

- When the sensor is misaligned due to a strong impact to the sensor or its surrounding area
- When mud, snow, ice, a sticker, etc. is covering the sensor or surrounding area on the rear bumper
- When driving on a road surface that is wet with standing water during bad weather, such as heavy rain, snow, or fog
- When multiple vehicles are approaching with only a small gap between each vehicle
- When the distance between your vehicle and a following vehicle is short
- When there is a significant difference in speed between your vehicle and the vehicle that enters the detection area
- When the difference in speed between your vehicle and another vehicle is changing
- When a vehicle enters a detection area traveling at about the same speed as your vehicle
- As your vehicle starts from a stop, a vehicle remains in the detection area
- When driving up and down consecutive steep inclines, such as hills, dips in the road, etc.
- When driving on roads with sharp bends, consecutive curves, or uneven surfaces
- When vehicle lanes are wide, or when driving on the edge of a lane, and the vehicle in an adjacent lane is far away from your vehicle
- When an accessory (such as a bicycle carrier) is installed to the rear of the vehicle
- When there is a significant difference in height between your vehicle and the vehicle that enters the detection area
- Immediately after the Blind Spot Monitor is turned on

● Instances of the Blind Spot Monitor unnecessarily detecting a vehicle and/or object may increase in the following situations:

- When the sensor is misaligned due to a strong impact to the sensor or its surrounding area
- When the distance between your vehicle and a guardrail, wall, etc. that enters the detection area is short
- When driving up and down consecutive steep inclines, such as hills, dips in the road, etc.
- When vehicle lanes are narrow, or when driving on the edge of a lane, and a vehicle traveling in a lane other than the adjacent lanes enters the detection area
- When driving on roads with sharp bends, consecutive curves, or uneven surfaces
- When the tires are slipping or spinning
- When the distance between your vehicle and a following vehicle is short
- When an accessory (such as a bicycle carrier) is installed to the rear of the vehicle

PKSA (Parking Support Alert)*

*: If equipped

The Parking Support Alert system consists of the following functions that operate when driving at a low speed or backing up, such as when parking. When the system determines that the possibility of a collision with a detected object, such as a wall is high, a warning operates to urge the driver to take evasive action.

PKSA (Parking Support Alert) system

■ **Lexus parking assist-sensor**

→P.378

■ **RCTA (Rear Crossing Traffic Alert) function (if equipped)**

→P.385

Setting the buzzer volume

■ **Adjusting the buzzer volume**

The buzzer volume can be adjusted on the multi-information display. The volume of buzzers for the Lexus parking assist-sensor and RCTA function will be adjusted simultaneously.

Use the meter control switches to change settings. (→P.176)

1 Press < or > to select ⚙.

2 Press ∧ or ∨ to select "PKSA" and then press "OK".

3 Press ∧ or ∨ to select 🔊 and then press "OK".

Each time the switch is pressed, the volume level will change between 1, 2, and 3.

■ **Muting a buzzer temporarily**

A mute button will be displayed on the multi-information display when an object or pedestrian is detected. To mute the buzzer, press "OK".
The buzzers for the Lexus parking assist-sensor and RCTA function will be muted simultaneously.

Mute will be canceled automatically in the following situations:

- When the shift position is changed.
- When the vehicle speed exceeds a certain speed.
- When there is a malfunction in a sensor or the system is temporarily unavailable.
- When the operating function is disabled manually.
- When the power switch is turned off.

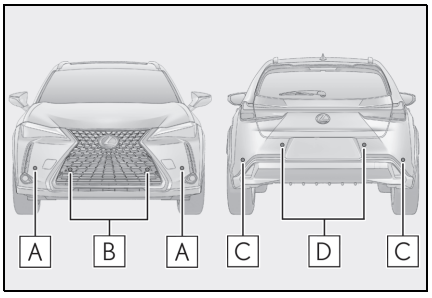
Lexus parking assist-sensor*

*: If equipped

The distance from your vehicle to objects, such as a wall, when parallel parking or maneuvering into a garage is measured by the sensors and communicated via the multi-information display, head-up display (if equipped), Center Display and a buzzer. Always check the surrounding area when using this system.

System components

■ Types of sensors



A Front corner sensors

B Front center sensors

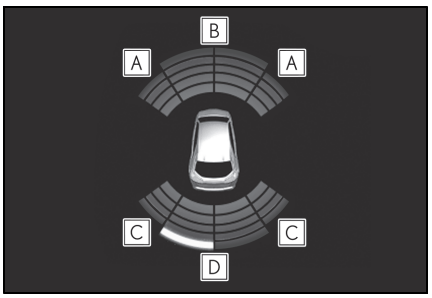
C Rear corner sensors

D Rear center sensors

■ Display

When the sensors detect an object, such as a wall, a graphic is shown on the multi-information display, head-up display (if equipped) and Center Display (vehicles with 10.3-inch display model) depending on the position and distance to the object.

● Multi-information display and head-up display



A Front corner sensor detection

B Front center sensor detection

C Rear corner sensor detection

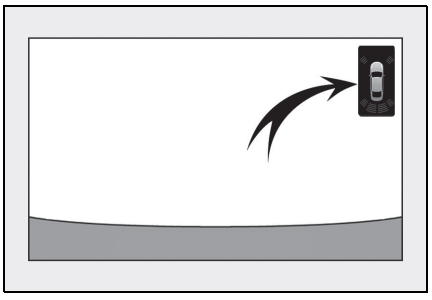
D Rear center sensor detection

● Center Display

A graphic is shown when the Lexus parking assist monitor (if equipped) is displayed.

A simplified image is displayed on the Center Display when an object is detected.

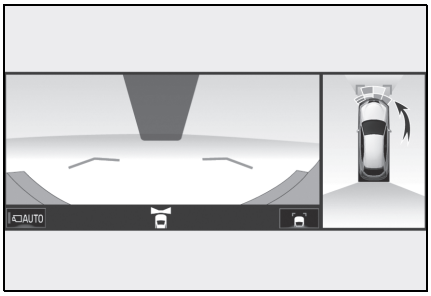
• When the shift position is in R



• When the shift position is in N, B or D



When an object is detected, a graphic will be displayed on the panoramic view monitor (if equipped).



Turning Lexus parking assist-sensor on/off

Use the meter control switches to enable/disable the Lexus parking assist-sensor. (→P.176)

1 Press < or > to select .

2 Press ∧ or ∨ to select "PKSA" and then press "OK".

3 Press ∧ or ∨ to select and then press "OK".

When the Lexus parking assist-sensor function is disabled, the Lexus parking assist-sensor OFF indicator (→P.171) illuminates on the multi-information display.

When the Lexus parking assist-sensor function is turned on or off, operation of the Lexus parking assist-sensor function continues in the same condition the next time the EV system is started.

WARNING

■ When using the Lexus parking assist-sensor

Observe the following precautions. Failing to do so may result in the vehicle being unable to be driven safely and possibly cause an accident.

- Do not use the sensor at speeds in excess of 10 km/h (6 mph).
- 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.
- Do not install accessories within the sensors' detection areas.
- The area directly under the bumpers is not detected. Thin posts or objects lower than the sensor may not be detected when approached, even if they have been detected once.

■ When to disable the function

In the following situations, disable the function as it may operate even though there is no possibility of a collision.

- The vehicle is equipped with a fender pole, wireless antenna or fog lights.
- The front or rear bumper or a sensor receives a strong impact.
- A non-genuine Lexus suspension (lowered suspension, etc.) is installed.
- Towing eyelet is installed.

WARNING

- A backlit license plate is installed.

■ When using Lexus parking assist-sensor

In the following situations, the system may not function correctly due to a sensor malfunction, etc. Have the vehicle checked by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- The Lexus parking assist-sensor operation display flashes or shows continuously, and a buzzer sounds when no objects are detected.
- If the area around a sensor collides with something, or is subjected to strong impact.
- If the bumper or grille collides with something.
- If the display flashes or is displayed continuously and a buzzer does not sound, except when the mute function has been turned on.
- If a display error occurs, first check the sensor.
  If the error occurs even when there is no ice, snow or mud on the sensor, it is likely that the sensor is malfunctioning.

■ Notes when washing the vehicle

Do not apply intensive bursts of water or steam to the sensor area.

Doing so may result in the sensor malfunctioning.

- When using a high pressure washer to wash the vehicle, do not spray the sensors directly, as doing so may cause a sensor to malfunction.
- When using steam to clean the vehicle, do not direct steam too close to the sensors as doing so may cause a sensor to malfunction.

■ The system can be operated when

- The power switch is in ON.
- Lexus parking assist-sensor function is on.
- The vehicle speed is less than about 10 km/h (6 mph).
- The shift position is in a position other than P.

■ Setting the buzzer volume

The buzzer volume can be adjusted on the multi-information display. (→P.377)

■ If "Parking Assist Unavailable Clean Parking Assist Sensor" is displayed on the multi-information display

A sensor may be covered with ice, snow, dirt, etc. Remove the ice, snow, dirt, etc., from the sensor to return the system to normal.

Also, due to ice forming on a sensor at low temperatures, a warning message may be displayed or the sensor may not be able to detect an object. Once the ice melts, the system will return to normal.

■ If "Parking Assist Unavailable" is displayed on the multi-information display

- Water may be continuously flowing over the sensor surface, such as in a heavy rain. When the system determines that it is normal, the system will return to normal.
- Initialization may not have been performed after a 12-volt battery terminal was disconnected and reconnected. Initialize the system. (→P.380)

If this message continues to be displayed even after initialization, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ If a 12-volt battery terminal has been disconnected and reconnected

The system needs to be initialized. To initialize the system, drive the vehicle straight ahead for 5 seconds or more at a speed of approximately 35 km/h (22 mph) or more.

Additionally, for vehicles with the Parking Support Brake function, turn the steering wheel fully to the left and right with the vehicle stopped.

■ **Sensor detection information**

- The sensor's detection areas are limited to the areas around the vehicle's front and rear bumpers.
- The following situations may occur during use.
  - Depending on the shape of the object and other factors, the detection distance may shorten, or detection may be impossible.
  - There will be a short delay between object detection and display. Even at low speeds, there is a possibility that the object will come within the sensor's detection areas before the display is shown and the warning beep sounds.
  - It might be difficult to hear the buzzer due to the volume of the audio system or air flow noise of the air conditioning system.
  - It may be difficult to hear the buzzer if buzzers for other systems are sounding.

■ **Conditions under which the function may not function correctly**

Certain vehicle conditions and the surrounding environment may affect the ability of a sensor to correctly detect objects. Particular instances where this may occur are listed below.

- There is dirt, snow or ice on a sensor. (Cleaning the sensors will resolve this problem.)
- A sensor is frozen. (Thawing the area will resolve this problem.)
  In especially cold weather, if a sensor is frozen the sensor display may be displayed abnormally, or objects, such as a wall, may not be detected.
- A sensor is covered in any way.
- When a sensor or the area around a sensor is extremely hot or cold.
- On an extremely bumpy road, on an incline, on gravel, or on grass.
- The vicinity of the vehicle is noisy due to vehicle horns, motorcycle engines, air brakes of large vehicles, or other loud noises producing ultrasonic waves.
- There is another vehicle equipped with parking assist sensors in the vicinity.
- A sensor is coated with a sheet of spray or heavy rain.
- If a sensor is hit by a large amount of water, such as when driving on a flooded road.
- If the vehicle is significantly tilted.
- The vehicle is approaching a tall or curved curb.
- If objects draw too close to the sensor.

■ **Objects which may not be properly detected**

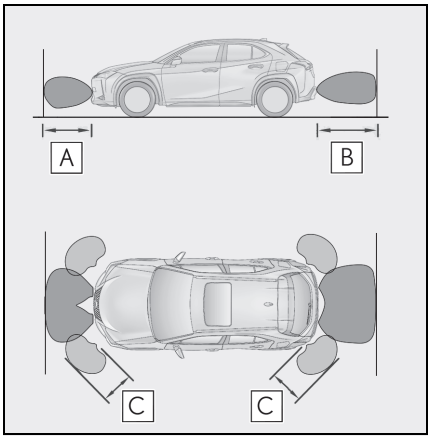
The shape of the object may prevent the sensor from detecting it. Pay particular attention to the following objects:

- Wires, fences, ropes, etc.
- Cotton, snow and other materials that absorb sound waves
- Sharply-angled objects
- Low objects
- Tall objects with upper sections projecting outwards in the direction of your vehicle

People may not be detected if they are wearing certain types of clothing.

Sensor detection display, object distance

■ Detection range of the sensors



A Approximately 100 cm (3.3 ft.)

B Approximately 150 cm (4.9 ft.)

C Approximately 60 cm (2.0 ft.)

The diagram shows the detection range of the sensors. Note that the sensors cannot detect objects that are extremely close to the vehicle.

The range of the sensors may change depending on the shape of the object, etc.

■ Multi-information display, head-up display (if equipped) and Center Display (vehicles with 10.3-inch display model)

When an object is detected by a sensor, the approximate distance to the object will be displayed on the multi-information display, Center Display (vehicles with 10.3-inch display model), and head-up display (if equipped). (As the distance to the object becomes short, the distance segments may blink.)

- Approximate distance to object: 150 cm (4.9 ft.) to 60 cm (2.0 ft.)* (Rear center sensor)

Multi-information display	Center Display	Head-up display
		

*: Automatic buzzer mute function is enabled. (→P.384)

- Approximate distance to object: 100 cm (3.3 ft.) to 60 cm (2.0 ft.)* (Front center sensor)

Multi-information display	Center Display	Head-up display
		

*: Automatic buzzer mute function is enabled. (→P.384)

- Approximate distance to object: 60 cm (2.0 ft.) to 45 cm (1.5 ft.)*

Multi-information display	Center Display	Head-up display
		

*: Automatic buzzer mute function is enabled. (→P.384)

- Approximate distance to object: 45 cm (1.5 ft.) to 30 cm (1.0 ft.)*

Multi-information display	Center Display	Head-up display
		

*: Automatic buzzer mute function is enabled. (→P.384)

- Approximate distance to object: 30 cm (1.0 ft.) to 15 cm (0.5 ft.)*1

Multi-information display*2	Center Display*2	Head-up display
		

*1: Automatic buzzer mute function is disabled. (→P.384)

*2: The distance segments will blink slowly.

● Approximate distance to object: Less than 15 cm (0.5 ft.)*1

Multi-information display*2	Center Display*2	Head-up display
		

*1: Automatic buzzer mute function is disabled. (→P.384)

*2: The distance segments will blink rapidly.

■ **Buzzer operation and distance to an object**

A buzzer sounds when the sensors are operating.

● The buzzer beeps faster as the vehicle approaches an object. When the vehicle comes within the following distance of the object, the buzzer sounds continuously:

Approximately 30 cm (1.0 ft.)

● When 2 or more objects are detected simultaneously, the buzzer sounds for the nearest object. If one or more objects come within approximately 30 cm (1.0 ft.) of the vehicle, the buzzer will repeat a long tone, followed by fast beeps.

● Automatic buzzer mute function: After a buzzer begins sounding, if the distance between the vehicle and the detected object does not become shorter, the buzzer will be muted automatically. (However, if the distance between the vehicle and object is 30 cm [1.0 ft.] or less, this function will not operate.)

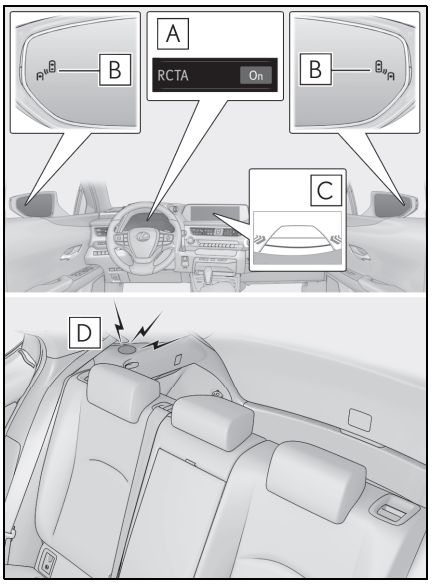
The buzzer sounds volume can be adjusted. (→P.377)

RCTA (Rear Crossing Traffic Alert) function*

*: If equipped

The RCTA function uses the BSM rear side radar sensors installed on the inner side of the rear bumper. This function is intended to assist the driver in checking areas that are not easily visible when backing up.

System components



A Multi-information display

The RCTA function can be turned on/off.

When the RCTA function is disabled, the RCTA OFF indicator illuminates.

B Outside rear view mirror indicators

When a vehicle approaching from the right or left at the rear of the vehicle is detected, both outside rear view mirror indicators will flash.

C Center Display

If a vehicle approaching from the right or left at the rear of the vehicle is detected, the RCTA icon (→P.386) for the detected side will be displayed on the Center Display. This illustration shows an example of a vehicle approaching from both sides of the vehicle.

D RCTA buzzer

If a vehicle approaching from the right or left at the rear of the vehicle is detected, a buzzer will sound. The buzzer also sounds for approximately 1 second immediately after the RCTA function is turned on.

Turning the RCTA function on/off

Use the meter control switches to enable/disable the RCTA function. (→P.176)

1 Press < or > to select .

2 Press ∧ or ∨ to select "PKSA" and then press "OK".

3 Press ∧ or ∨ to select "RCTA" and then press "OK".

Each time the power switch is turned off then changed to ON, the RCTA function will be enabled automatically.

WARNING

■ Cautions regarding the use of the function

The driver is solely responsible for safe driving. Always drive safely, taking care to observe your surroundings.

The RCTA function is only a supplementary function which alerts the driver that a vehicle is approaching from the right or left at the rear of the vehicle. As the RCTA function may not function correctly under certain conditions, the driver's own visual confirmation of safety is necessary. Over reliance on this function may lead to an accident resulting death or serious injury.

NOTICE

■ Before using the RCTA function

Do not place obstacles near the sensors.

■ Outside rear view mirror indicator visibility

In strong sunlight, the outside rear view mirror indicator may be difficult to see.

■ Hearing the RCTA buzzer

The RCTA buzzer may be difficult to hear over loud noises, such as if the audio system volume is high.

■ When "RCTA Unavailable" is shown on the multi-information display

Ice, water, snow, mud, etc., may be attached to the rear bumper around the sensors. (→P.373) Remove the ice, snow, mud, etc., attached to the rear bumper around the sensors to return the function to normal.

Additionally, the function may not operate normally when used in extremely hot or cold environments.

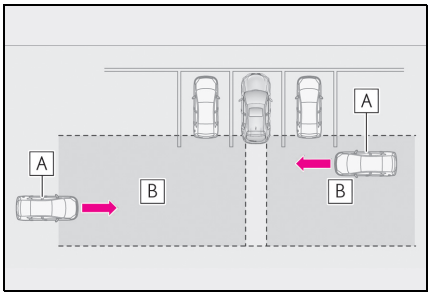
■ Rear side radar sensors

→P.373

RCTA function

■ Operation of the RCTA function

The RCTA function uses rear side radar sensors to detect vehicles approaching from the right or left at the rear of the vehicle and alerts the driver of the presence of such vehicles by flashing the outside rear view mirror indicators and sounding a buzzer.



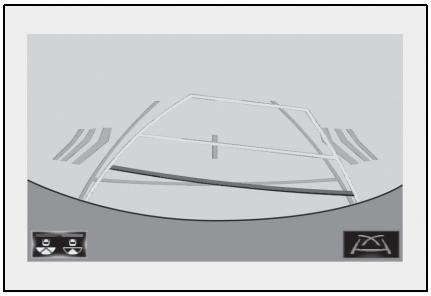
A Approaching vehicles

B Detection areas of approaching vehicles

■ RCTA icon display

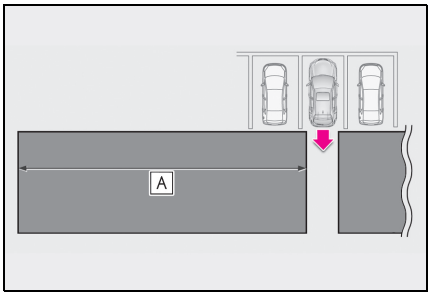
When a vehicle approaching from the right or left at the rear of the vehicle is detected, the following will be displayed on the Center Display.

- Example (Lexus parking assist monitor) (if equipped): Vehicles are approaching from both sides of the vehicle



■ RCTA function detection areas

The areas that vehicles can be detected in are outlined below.



The buzzer can alert the driver of faster vehicles approaching from farther away.

Example:

Approaching vehicle speed	A Approximate alert distance
28 km/h (18 mph) (fast)	20 m (65 ft.)
8 km/h (5 mph) (slow)	5.5 m (18 ft.)

■ The RCTA function is operational when

The RCTA function operates when all of the following conditions are met:

- The power switch is in ON.
- The RCTA function is on.
- The shift position is in R.
- The vehicle speed is less than approximately 8 km/h (5 mph).
- The approaching vehicle speed is between approximately 8 km/h (5 mph) and 28 km/h (18 mph).

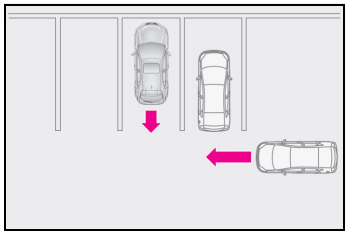
■ Setting the buzzer volume

The buzzer volume can be adjusted on the multi-information display. (→P.377)

■ Conditions under which the RCTA function will not detect a vehicle

The RCTA function is not designed to detect the following types of vehicles and/or objects:

- Vehicles approaching from directly behind
- Vehicles backing up in a parking space next to your vehicle
- Vehicles that the sensors cannot detect due to obstructions



- Guardrails, walls, signs, parked vehicles and similar stationary objects*
- Small motorcycles, bicycles, pedestrians, etc.*
- Vehicles moving away from your vehicle
- Vehicles approaching from the parking spaces next to your vehicle*

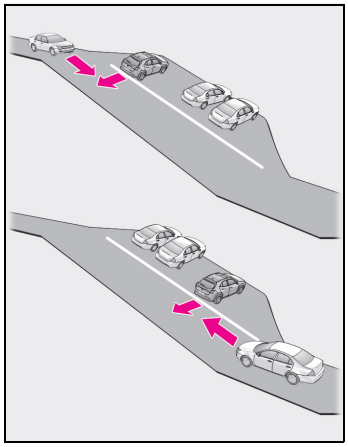
*: Depending on the conditions, detection of a vehicle and/or object may occur.

■ Conditions under which the RCTA function may not function correctly

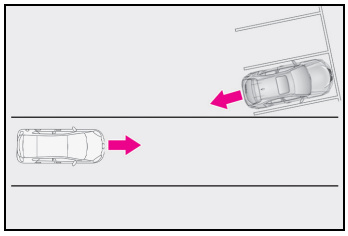
- The RCTA function may not detect vehicles correctly in the following situations:
  - When a sensor is misaligned due to a strong impact to the sensor or its surrounding area
  - When mud, snow, ice, a sticker, etc. is

5 Driving

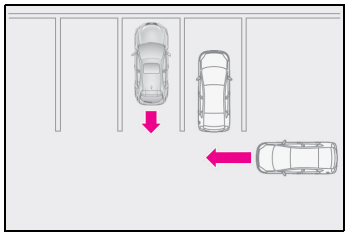
covering a sensor or its surrounding area on the rear bumper
- When driving on a road surface that is wet with standing water during bad weather, such as heavy rain, snow, or fog
- When multiple vehicles are approaching with only a small gap between each vehicle
- If a vehicle is approaching the rear of your vehicle rapidly
- When a towing eyelet is installed to the rear of the vehicle.
- When backing up on a slope with a sharp change in grade



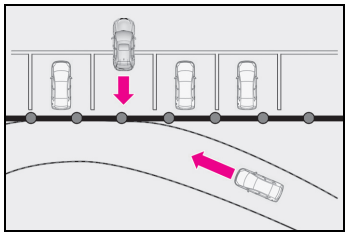
- When backing out of a shallow angle parking spot



- Immediately after the RCTA function is turned on
- Immediately after the EV system is started with the RCTA function on
- When the sensors cannot detect a vehicle due to obstructions

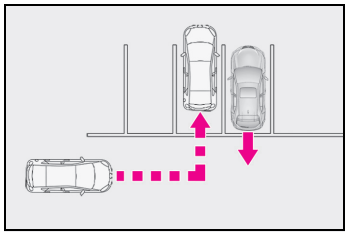


● Instances of the RCTA function unnecessarily detecting a vehicle and/or object may increase in the following situations:
- When a vehicle passes by the side of your vehicle
- When the parking space faces a street and vehicles are being driven on the street

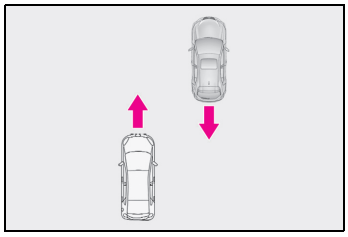


- When the distance between your vehicle and metal objects, such as a guardrail, wall, sign, or parked vehicle, which may reflect electrical waves toward the rear of the vehicle, is short
- When a towing eyelet is installed to the rear of the vehicle

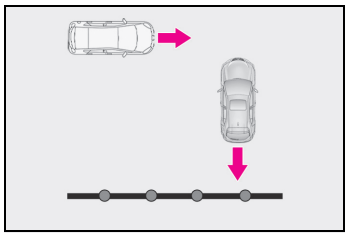
● When a detected vehicle turns while approaching the vehicle



● When a vehicle passes by the side of your vehicle



- When the distance between your vehicle and metal objects, such as a guardrail, wall, sign, or parked vehicle, which may reflect electrical waves toward the rear of the vehicle, is short



- When there are spinning objects near your vehicle such as the fan of an air conditioning unit
- When water is splashed or sprayed toward the rear bumper, such as from a sprinkler

PKSB (Parking Support Brake)*

*: If equipped

The Parking Support Brake system consists of the following functions that operate when driving at a low speed or backing up, such as when parking. When the system determines that the possibility of a collision with a detected object is high, a warning operates to urge the driver to take evasive action. If the system determines that the possibility of a collision with a detected object is extremely high, the brakes are automatically applied to help avoid the collision or help reduce the impact of the collision.

PKSB (Parking Support Brake) system

■ Parking Support Brake function (static objects)

→P.393

■ Parking Support Brake function (rear-crossing vehicles) (if equipped)

→P.398

⚠ WARNING

■ Limitations of the Parking Support Brake system

Do not overly rely on the system, as doing so may lead to an accident.

WARNING

- The driver is solely responsible for safe driving. Always drive carefully, taking care to observe your surroundings. The Parking Support Brake system is designed to provide support to lessen the severity of collisions. However, it may not operate in some situations.
- The Parking Support Brake system is not designed to stop the vehicle completely. Additionally, even if the system has stopped the vehicle, it is necessary to depress the brake pedal immediately as brake control will be canceled after approximately 2 seconds.

NOTICE

If "Parking Support Brake Unavailable" is displayed on the multi-information display and the PKSB OFF indicator is flashing

If this message is displayed immediately after the power switch is changed to ON, operate the vehicle carefully, paying attention to your surroundings. It may be necessary to drive the vehicle for a certain amount of time before the system returns to normal. (If the system does not return to normal after driving for a while, clean the sensors and their surrounding area on the bumpers.)

Enabling/Disabling the Parking Support Brake

The Parking Support Brake can be enabled/disabled on the multi-information display. All of the Parking Support Brake functions (static objects and rear crossing vehicles) are enabled/disabled simultaneously.

Use the meter control switches to enable/disable the parking support brake. (→P.176)

1 Press < or > to select .

2 Press ^ or v to select and then press "OK".

When the Parking Support Brake is disabled, the PKSB OFF indicator (→P.171) illuminates on the multi-information display.

When the Parking Support Brake is turned on or off, operation of the Parking Support Brake continues in the same condition the next time the EV system is started.

Displays and buzzers for EV system output restriction control and brake control

If the EV system output restriction control or brake control operates, a buzzer will sound and a message will be displayed on the Center Display (Panoramic view monitor) and multi-information display, to alert the driver. On vehicles with head-up display, the head-up display will display the same message as the multi-information display.

Depending on the situation, EV system output restriction control will operate to either limit acceleration or restrict output as much as possible.

- EV system output restriction control is operating (acceleration restriction)

Acceleration greater than a certain amount is restricted by the system.

Center Display (Panoramic view monitor): No warning displayed

Multi-information display: "Object Detected Acceleration Reduced"

PKSB OFF indicator: Not illuminated

Buzzer: Does not sound

- EV system output restriction control is operating (output restricted as much as possible)

The system has determined that stronger-than-normal brake operation is necessary.

Center Display (Panoramic view monitor): "BRAKE!"

Multi-information display: "BRAKE!"

PKSB OFF indicator: Not illuminated

Buzzer: Short beep

- Brake control is operating

The system determined that emergency braking is necessary.

Center Display (Panoramic view monitor): "BRAKE!"

Multi-information display: "BRAKE!"

PKSB OFF indicator: Not illuminated

Buzzer: Short beep

- Vehicle stopped by system operation

The vehicle has been stopped by brake control operation.

Center Display (Panoramic view monitor): "Press Brake Pedal"

Multi-information display: "Switch to Brake" (If the accelerator pedal is not depressed, "Press Brake Pedal" will be displayed.)

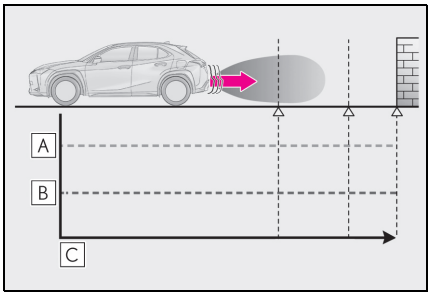
PKSB OFF indicator: Illuminated

Buzzer: Short beep

System overview

If the Parking Support Brake determines that a collision with a detected object is possible, the EV system output will be restricted to restrain any increase in the vehicle speed. (EV system output restriction control: See figure 2 below.)
Additionally, if the accelerator pedal continues to be depressed, the brakes will be applied automatically to reduce the vehicle speed. (Brake control: See figure 3 below.)

- Figure 1 When the PKSB (Parking Support Brake) is disabled

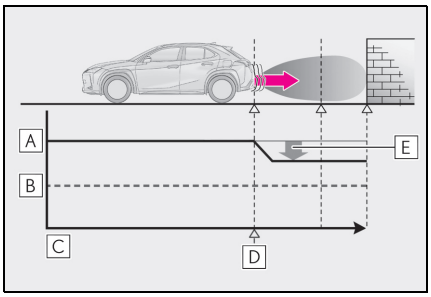


A EV system output

B Braking force

C Time

- Figure 2 When EV system output restriction control operates



A EV system output

B Braking force

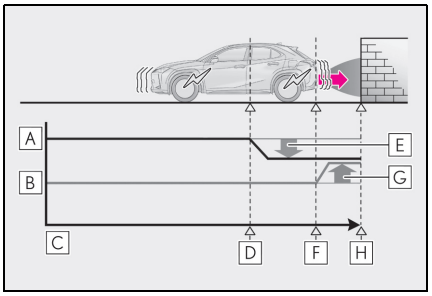
C Time

D EV system output restriction control begins operating (The system determines that possibility of collision with detected object is high)

"BRAKE!" is displayed on the multi-information display.

E EV system output reduced

- Figure 3 When brake control operates



A EV system output

B Braking force

C Time

D EV system output restriction control begins operating (The system determines that possibility of collision with detected object is high)

"BRAKE!" is displayed on the multi-information display.

E EV system output reduced

F Brake control begins operating (the system determines that possibility of collision with detected object is extremely high)

G Brake control strength increased

H "Switch to Brake" is displayed on the multi-information display

If the Parking Support Brake has operated

If the vehicle is stopped due to operation of the Parking Support Brake, the Parking Support Brake will be disabled and the PKSB OFF indicator will illuminate. If the Parking Support Brake operates unnecessarily, brake control can be canceled by depressing the brake pedal or waiting for approximately 2 seconds for it to automatically be canceled. Then, the vehicle can be operated by depressing the accelerator pedal.

Re-enabling the Parking Support Brake

To re-enable the Parking Support Brake when it is disabled due to operation of the Parking Support Brake, either enable the system again (→P.390), or turn the power switch off and then back to ON. Additionally, if the object becomes no longer in the traveling direction of the vehicle or if the traveling direction of the vehicle changes (such as changing from moving forward to backing up, or from backing up to moving forward), the system will be re-enabled automatically.

If "Parking Support Brake Unavailable" is displayed on the multi-information display and the PKSB OFF indicator is flashing

- If this message is displayed, a sensor on the front or rear bumper may be dirty. Clean the sensors and their surrounding area on the bumpers.
- Initialization may not have been performed after a 12-volt battery terminal was disconnected and reconnected. Initialize the system. (→P.393)
  If this message continues to be displayed even after initialization, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **If "Parking Support Brake Unavailable" and "Parking Assist Unavailable Clean Parking Assist Sensor" are displayed on the multi-information display and the PKSB OFF indicator is flashing**

- A sensor may be covered with ice, snow, dirt, etc. In this case, remove the ice, snow, dirt, etc., from the sensor to return the system to normal. If this message is shown even after removing dirt from the sensor, or shown when the sensor was not dirty to begin with, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- A sensor may be frozen. Once the ice melts, the system will return to normal.
- Water may be continuously flowing over the sensor surface, such as in a heavy rain. When the system determines that it is normal, the system will return to normal.

■ **If a 12-volt battery terminal has been disconnected and reconnected**

The system needs to be initialized. To initialize the system, drive the vehicle straight ahead for 5 seconds or more at a speed of approximately 35 km/h (22 mph) or more.

Parking Support Brake function (static objects)*

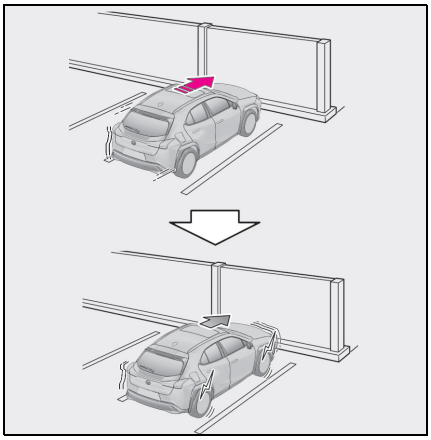
*: If equipped

If the sensors detect a static object, such as a wall, in the traveling direction of the vehicle and the system determines that a collision may occur due to the vehicle suddenly moving forward due to an accidental accelerator pedal operation, the vehicle moving the unintended direction due to the wrong shift position being selected, or while parking or traveling at low speeds, the system will operate to lessen the impact with the detected static object and reduce the resulting damage.

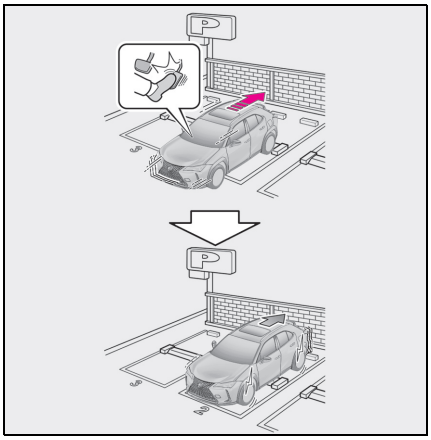
Examples of function operation

This function will operate in situations such as the following if an object is detected in the traveling direction of the vehicle.

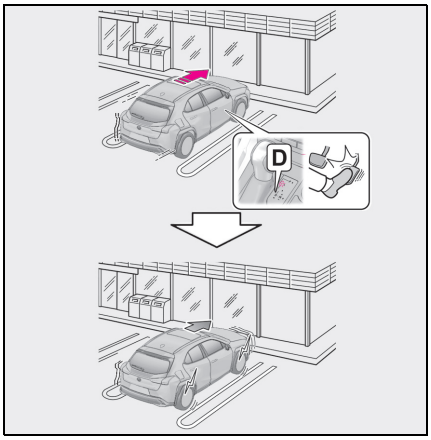
■ When traveling at a low speed and the brake pedal is not depressed, or is depressed late



■ When the accelerator pedal is depressed excessively



■ When the vehicle moves in the unintended direction due to the wrong shift position being selected



Types of sensors

→P.378

WARNING

■ **To ensure the Parking Support Brake (static objects) can operate properly**

Observe the following precautions regarding the sensors (→P.378). Failure to do so may cause a sensor to not operate properly, and may cause an accident.

- Do not modify, disassemble or paint the sensors.
- Do not replace a sensor with a part other than a genuine part.
- Do not subject a sensor or its surrounding area to a strong impact.
- Do not damage the sensors, and always keep them clean.

WARNING

■ Handling the suspension

Do not modify the suspension, as changes to the height or inclination of the vehicle may prevent the sensors from detecting objects correctly or cause the system to not operate or operate unnecessarily.

■ If the Parking Support Brake function (static objects) operates unnecessarily, such as at a railroad crossing

In the event that the Parking Support Brake function (static objects) operates unnecessarily, such as at a railroad crossing, brake control will be canceled after approximately 2 seconds, allowing you to proceed forward and leave the area, brake control can also be canceled by depressing the brake pedal. Depressing the accelerator pedal after brake control is canceled will allow you to proceed forward and leave the area.

■ Notes when washing the vehicle

Do not apply intensive bursts of water or steam to the sensor area.

Doing so may result in the sensor malfunctioning.

- When using a high pressure washer to wash the vehicle, do not spray the sensors directly, as doing so may cause a sensor to malfunction.
- When using steam to clean the vehicle, do not direct steam too close to the sensors as doing so may cause a sensor to malfunction.

■ When to disable the Parking Support Brake (static objects)

In the following situations, disable the Parking Support Brake (static objects) as the system may operate even though there is no possibility of a collision.

- When inspecting the vehicle using a chassis roller, chassis dynamo or free roller
- When loading the vehicle onto a boat, truck or other transport vessel
- If the suspension has been modified or tires of a size other than specified are installed
- If the front of the vehicle is raised or lowered due to the carried load
- When equipment that may obstruct a sensor is installed, such as a towing eyelet, bumper protector (an additional trim strip, etc.), bicycle carrier, or snow plow
- When using an automatic car wash

■ The Parking Support Brake function (static objects) will operate when

The function will operate when the PKSB OFF indicator is not illuminated or flashing (→P.170, 171) and all of the following conditions are met:

- EV system output restriction control
  - The Parking Support Brake is enabled.
  - The vehicle speed is 15 km/h (10 mph) or less.
  - There is a static object in the traveling direction of the vehicle and 2 to 4 m (6 to 13 ft.) away.
  - The Parking Support Brake determines that a stronger-than-normal brake operation is necessary to avoid a collision.
- Brake control
  - EV system output restriction control is operating.
  - The Parking Support Brake determines that an immediate brake operation is necessary to avoid a collision.

■ The Parking Support Brake function (static objects) will stop operating when

The function will stop operating if any of the following conditions are met:

- EV system output restriction control
  - The Parking Support Brake is disabled.
  - The system determines that the collision has become avoidable with normal brake operation.

- The static object is no longer 2 to 4 m (6 to 13 ft.) away from the vehicle or in the traveling direction of the vehicle.

● Brake control
- The Parking Support Brake is disabled.
- Approximately 2 seconds have elapsed since the vehicle was stopped by brake control.
- The brake pedal is depressed after the vehicle is stopped by brake control.
- The static object is no longer 2 to 4 m (6 to 13 ft.) away from the vehicle or in the traveling direction of the vehicle.

■ **Re-enabling the Parking Support Brake function (static objects)**

→P.392

■ **Detection range of the Parking Support Brake function (static objects)**

The detection range of the Parking Support Brake function (static objects) differs from the detection range of the Lexus parking assist-sensor. (→P.382) Therefore, even if the Lexus parking assist-sensor detects an object and provides a warning, the Parking Support Brake function (static objects) may not start operating.

■ **Objects that the Parking Support Brake function (static objects) may not detect**

The sensors may not be able to detect certain objects, such as the following:

● Pedestrian

● Cotton cloth, snow, and other materials that are poor reflectors of ultrasonic waves

● Objects which are not perpendicular to the ground, are not perpendicular to the traveling direction of the vehicle, are uneven or are waving

● Low objects

● Thin objects such as wires, fences, ropes and signposts

● Objects that are extremely close to the bumper

● Sharply-angled objects

● Tall objects with upper sections projecting outwards in the direction of your vehicle

■ **Situations in which the Parking Support Brake function (static objects) may not operate**

When the shift position is N

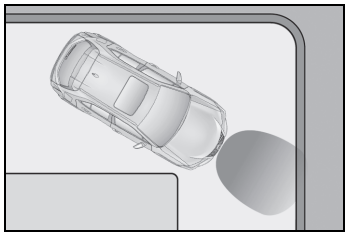
■ **Lexus parking assist-sensor buzzer**

Regardless of whether the Lexus parking assist-sensor function is enabled or not (→P.379), if the Parking Support Brake function (static objects) is enabled (→P.390), the front or rear sensors detect an object and EV system output restriction control or brake control is performed, the Lexus parking assist-sensor buzzer will sound to notify the driver of the approximate distance to the object.

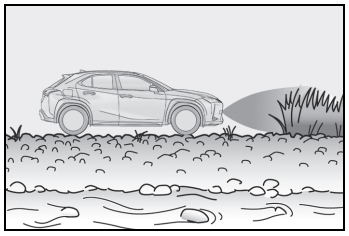
■ **Situations in which the Parking Support Brake function (static objects) may operate even if there is no possibility of a collision**

In some situations, such as the following, the Parking Support Brake function (static objects) may operate even though there is no possibility of a collision.

● Vehicle surroundings
- When driving on a narrow road



- When driving on a gravel road or in an area with tall grass



- When driving toward a banner, flag, low-hanging branch or boom barrier (such as

those used at railroad crossings, toll gates and parking lots)
- When driving on a narrow path surrounded by a structure, such as in a tunnel or on an iron bridge
- When parallel parking
- When there is a rut or hole in the surface of the road
- When driving on a metal cover (grating), such as those used for drainage ditches
- When driving on a steep slope
- If a sensor is hit by a large amount of water, such as when driving on a flooded road

● Weather
- If a sensor is covered with ice, snow, dirt, etc. (when cleared, the system will return to normal)
- If heavy rain or water strikes a sensor
- When driving in inclement weather such as fog, snow or a sandstorm
- When strong winds are blowing

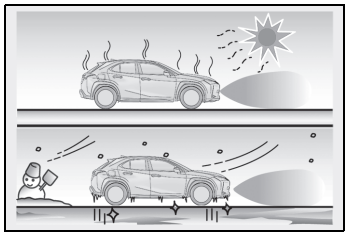
● Other ultrasonic wave sources
- When vehicle horns, vehicle detectors, motorcycle engines, air brakes of large vehicles, the clearance sonar of other vehicles or other devices which produce ultrasonic waves are near the vehicle
- If a sticker or an electronic component, such as a backlit license plate (especially fluorescent type), fog lights, fender pole or wireless antenna is installed near a sensor

● Changes in the vehicle posture
- If the vehicle is significantly tilted
- If the front of the vehicle is raised or lowered due to the carried load
- If the orientation of a sensor has been changed due to a collision or other impact

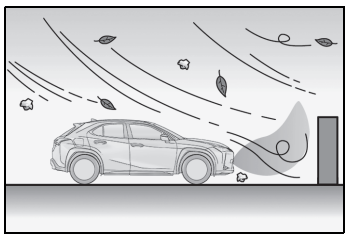
■ Situations in which the Parking Support Brake function (static objects) may not operate properly

In some situations, such as the following, this function may not operate properly.

● Weather
- When a sensor or the area around a sensor is extremely hot or cold



- When strong winds are blowing



- If a sensor is covered with ice, snow, dirt, etc. (when cleared, the system will return to normal)
- If heavy rain or water strikes a sensor
- When driving in inclement weather such as fog, snow or a sandstorm
- When a sensor is frozen. (Thawing the area will resolve this problem.)

● Vehicle surroundings
- When an object that cannot be detected is between the vehicle and a detected object
- If an object such as a vehicle, motorcycle, bicycle or pedestrian cuts in front of the vehicle or runs out from the side of the vehicle
- The vehicle is approaching a tall or curved curb.
- On an extremely bumpy road, on an incline, on gravel, or on grass.
- If objects draw too close to the sensor.

● Other ultrasonic waves sources
- When vehicle horns, vehicle detectors, motorcycle engines, air brakes of large vehicles, the clearance sonar of other vehicles or other devices which produce ultrasonic waves are near the vehicle
- If a sticker or an electronic component, such as a backlit license plate (especially fluorescent type), fog lights, fender pole or wireless antenna is installed near a sensor

● Changes in the vehicle posture
- If the vehicle is significantly tilted
- If the front of the vehicle is raised or lowered due to the carried load
- If the orientation of a sensor has been changed due to a collision or other impact
- When equipment that may obstruct a sensor is installed, such as a towing eyelet, bumper protector (an additional trim strip, etc.), bicycle carrier, or snow plow
- If the suspension has been modified or tires of a size other than specified are installed
- If a sensor has been painted or covered with a sticker etc.

Parking Support Brake function (rear-crossing vehicles)*

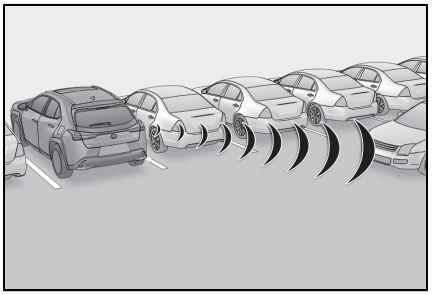
*: If equipped

If a rear radar sensor detects a vehicle approaching from the right or left at the rear of the vehicle and the system determines that the possibility of a collision is high, this function will perform brake control to reduce the likelihood of an impact with the approaching vehicle.

Examples of function operation

This function will operate in situations such as the following if a vehicle is detected in the traveling direction of the vehicle.

■ **When reversing, a vehicle is approaching and the brake pedal is not depressed, or is depressed late**



Types of sensors

→P.373

WARNING

■ **To ensure the Parking Support Brake (rear-crossing vehicles) can operate properly**

Observe the following precautions regarding the rear radar sensors (→P.373). Failure to do so may cause a sensor to not operate properly, and may cause an accident.

- Do not modify, disassemble or paint the sensors.
- Do not replace a rear radar sensor with a part other than a genuine part.
- Do not damage the rear radar sensors, and always keep the radar sensors and their surrounding area on the bumper clean.

■ **To prevent a rear radar sensor from malfunctioning**

- If the area around a rear radar sensor is subjected to an impact, the system may not operate properly due to a sensor malfunction. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- Observe the rear radar sensor handling precautions. (→P.373)

■ **The Parking Support Brake function (rear-crossing vehicles) will operate when**

The function will operate when the PKSB OFF indicator is not illuminated or flashing (→P.170, 171) and all of the following conditions are met:

- EV system output restriction control
  - The Parking Support Brake is enabled.
  - The vehicle speed is 15 km/h (10 mph) or less.
  - Vehicles are approaching from the right or left at the rear of the vehicle at a traveling speed of more than approximately 8 km/h (5 mph).
  - The shift position is in R.
  - The Parking Support Brake determines that a stronger than normal brake operation is necessary to avoid a collision with an approaching vehicle.
- Brake control
  - EV system output restriction control is operating.
  - The Parking Support Brake determines that an emergency brake operation is necessary to avoid a collision with an approaching vehicle.

■ **The Parking Support Brake function (rear-crossing vehicles) will stop operating when**

The function will stop operating if any of the following conditions are met:

- EV system output restriction control
  - The Parking Support Brake is disabled.
  - The collision becomes avoidable with normal brake operation.
  - A vehicle is no longer approaching from the right or left at the rear of the vehicle.
- Brake control
  - The Parking Support Brake is disabled.
  - Approximately 2 seconds have elapsed since the vehicle was stopped by brake control.
  - The brake pedal is depressed after the vehicle is stopped by brake control.
  - A vehicle is no longer approaching from the right or left at the rear of the vehicle.

■ **Re-enabling the Parking Support Brake function (rear-crossing vehicles)**

→P.392

■ **Detection area of the Parking Support Brake function (rear-crossing vehicles)**

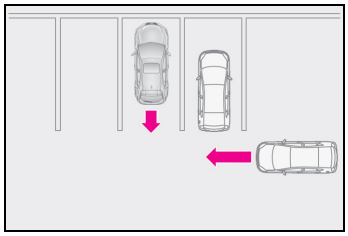
The detection area of the Parking Support Brake function (rear-crossing vehicles) differs from the detection area of the RCTA function (→P.387). Therefore, even if the RCTA function detects a vehicle and provides an alert, the Parking Support Brake function (rear-crossing vehicles) may not start operating.

■ **Conditions under which the Parking Support Brake function (rear-crossing vehicles) will not detect a vehicle**

The Parking Support Brake function (rear-

crossing vehicles) is not designed to detect the following types of vehicles and/or objects:

- Vehicles approaching from directly behind
- Vehicles backing up in a parking space next to your vehicle
- Vehicles that the sensors cannot detect due to obstructions



- Vehicles which suddenly accelerate or decelerate near your vehicle
- Guardrails, walls, signs, parked vehicles and similar stationary objects*
- Small motorcycles, bicycles, pedestrians, etc.*
- Vehicles moving away from your vehicle
- Vehicles approaching from the parking spaces next to your vehicle*
- Objects which are extremely close to a radar sensor*
- Vehicles which are approaching from the right or left at the rear of the vehicle at a traveling speed of less than approximately 8 km/h (5 mph)
- Vehicles which are approaching from the right or left at the rear of the vehicle at a traveling speed of more than approximately 24 km/h (15 mph)

*: Depending on the conditions, detection of a vehicle and/or object may occur.

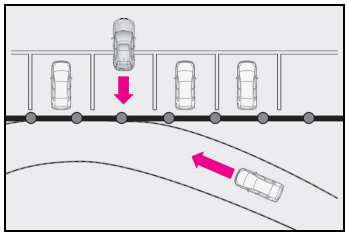
■ RCTA buzzer

Regardless of whether the RCTA function is enabled or not (→P.385), if the Parking Support Brake function is enabled (→P.390) and brake control is performed, a buzzer will sound to notify the driver.

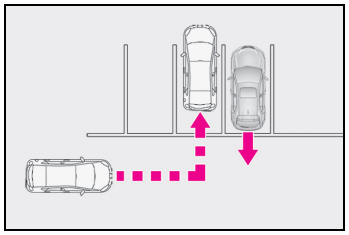
■ Situations in which the system may operate even though there is no possibility of a collision

In some situations such as the following, the Parking Support Brake function (rear-crossing vehicles) may operate even though there is no possibility of a collision.

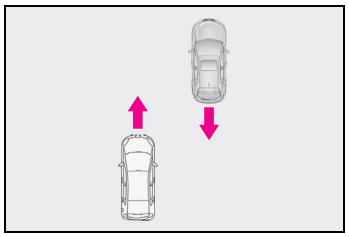
- When the parking space faces a street and vehicles are being driven on the street



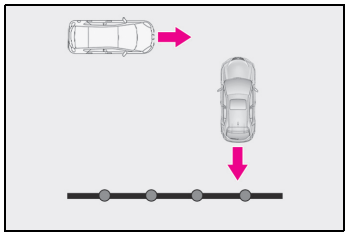
- When a detected vehicle turns while approaching the vehicle



- When a vehicle passes by the side of your vehicle



- When the distance between your vehicle and metal objects, such as a guardrail, wall, sign, or parked vehicle, which may reflect electrical waves toward the rear of the vehicle, is short



- When there are spinning objects near your vehicle such as the fan of an air conditioning unit
- When water is splashed or sprayed toward the rear bumper, such as from a sprinkler

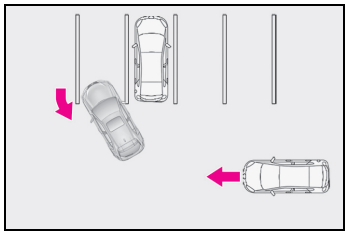
Situations in which the Parking Support Brake function (rear-crossing vehicles) may not operate properly

In some situations, such as the following, the radar sensors may not detect an object and this function may not operate properly

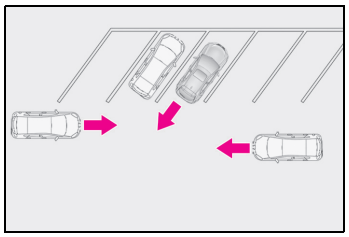
- Stationary objects
- When a sensor or the area around a sensor is extremely hot or cold
- If the rear bumper is covered with ice, snow, dirt, etc.
- When it is raining heavily or water strikes the vehicle
- When the detection area of a radar sensor is obstructed by an adjacent vehicle
- If the vehicle is significantly tilted
- When equipment that may obstruct a sensor is installed, such as a towing eyelet, bumper protector (an additional trim strip, etc.), bicycle carrier, or snow plow
- If the suspension has been modified or tires of a size other than specified are installed
- If the front of the vehicle is raised or lowered due to the carried load
- If a sticker or an electronic component, such as a backlit license plate (especially fluorescent type), fog lights, fender pole or wireless antenna is installed near a radar sensor
- If the orientation of a radar sensor has been changed
- When multiple vehicles are approaching with only a small gap between each vehicle
- If a vehicle is approaching the rear of your vehicle rapidly
- Situations in which the radar sensor may not detect a vehicle

• When a vehicle approaches from the right or left at the rear of the vehicle while you are turning while backing up

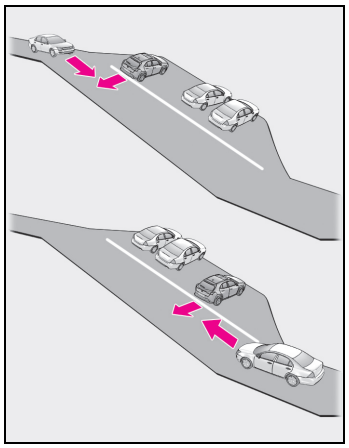
• When turning while backing up



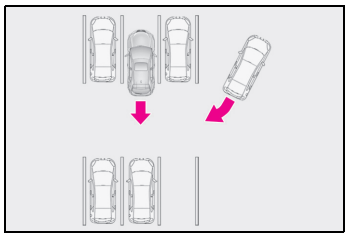
• When backing out of a shallow angle parking spot



• When backing up on a slope with a sharp change in grade



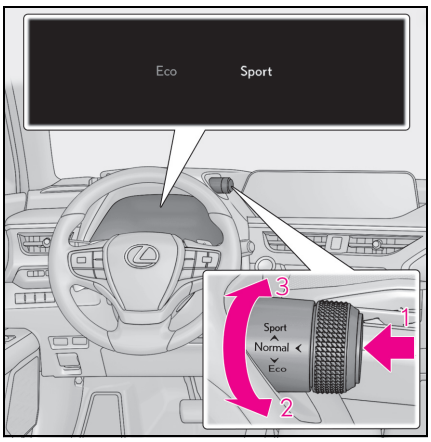
- When a vehicle turns into the detection area



Driving mode select switch

The driving modes can be selected to suit driving conditions.

Selecting the driving mode



1 Normal mode

Provides an optimal balance of electricity consumption, quietness, and dynamic performance. Suitable for city driving.

Press the switch to change the driving mode to Normal mode when not in Normal mode.

2 Eco drive mode

Helps the driver accelerate in an eco-friendly manner and improve electricity consumption through moderate throttle characteristics and by controlling the operation of the air conditioning system (heating/cooling).

When not in Eco drive mode, if the driving mode select switch is turned toward you, the “Eco” indicator comes on.

3 Sport mode

Assists acceleration response by controlling the EV system and steering. Suit-

able for when precise handling is desirable, for example when driving on mountain roads.

When not in Sport mode, if the driving mode select switch is turned backward, the "Sport" indicator comes on.

■ **Operation of the air conditioning system in Eco drive mode**

Eco drive mode controls the heating/cooling operations and fan speed of the air conditioning system to enhance electricity consumption efficiency. To improve air conditioning performance, perform the following operations:

- Turn off eco air conditioning mode (→P.424)
- Adjust the fan speed (→P.420, 423)
- Turn off Eco drive mode

■ **Automatic deactivation of Sport mode**

If the power switch is turned off after driving in Sport mode, the driving mode will be changed to Normal mode.

■ **Driving mode pop-up display (vehicles with 10.3-inch display model)**

When the driving mode is changed, the selected driving mode will be temporarily displayed on the side display. (→P.417)

Driving assist systems

To keep 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.

Summary of the driving assist systems

■ **ECB (Electronically Controlled Brake System)**

The electronically controlled system generates braking force corresponding to the brake operation

■ **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.

■ **VSC + (Vehicle Stability Control +)**

Provides cooperative control of the ABS, TRC, VSC and EPS.

Helps to maintain directional stability when swerving on slippery road surfaces by controlling steering performance.

■ TRC (Traction Control)

Helps to maintain drive power and prevent the drive wheels from spinning when starting the vehicle or accelerating on slippery roads

■ Active Cornering Assist (ACA)

Helps to prevent the vehicle from drifting to the outer side by performing inner wheel brake control when attempting to accelerate while turning

■ Hill-start assist control

Helps to reduce the backward movement of the vehicle when starting on an uphill

■ EPS (Electric Power Steering)

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

■ Emergency brake signal

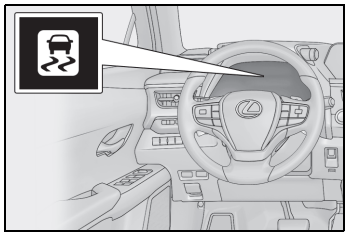
When the brakes are applied suddenly, the stop lights automatically flash to alert the vehicle behind.

■ Secondary Collision Brake

When the SRS airbag sensor detects a collision and the system operates, the brakes and brake lights are automatically controlled to reduce the vehicle speed and help reduce the possibility of further damage due to a secondary collision.

■ When the TRC/VSC/ABS systems are operating

The slip indicator light will flash while the TRC/VSC/ABS systems are operating.



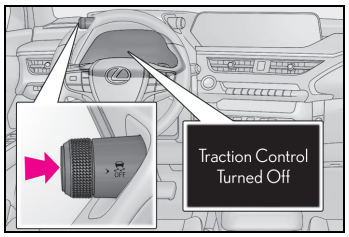
■ Disabling the TRC system

If the vehicle gets stuck in mud, dirt or snow, the TRC system may reduce power from the EV system to the wheels. Pressing the > OFF switch to turn the system off may make it easier for you to rock the vehicle in order to free it.

To turn the TRC system off, quickly press and release the > OFF switch.

The "Traction Control Turned Off" will be shown on the multi-information display.

Press the > OFF switch again to turn the system back on.



■ Turning off both TRC and VSC systems

To turn the TRC and VSC systems off, press and hold the > OFF switch for more than 3 seconds while the vehicle is stopped.

The VSC OFF indicator light will come on and the "Traction Control Turned Off" will be shown on the multi-information display.*

Press the > OFF switch again to turn the systems back on.

*: Pre-collision brake assist and pre-collision braking will also be disabled. The PCS warning light will come on and a message will be displayed on the multi-information display. (→P.341)

■ **When the message is displayed on the multi-information display showing that TRC has been disabled even if the > OFF switch has not been pressed**

TRC is temporary deactivated. If the information continues to show, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **Operating conditions of hill-start assist control**

When all of the following conditions are met, the hill-start assist control will operate:

- The shift position is in a position other than P or N (when starting off forward/backward on an upward incline)
- The vehicle is stopped
- The accelerator pedal is not depressed
- The parking brake is not engaged
- Power switch is in ON

■ **Automatic system cancelation of hill-start assist control**

The hill-start assist control will turn off in any of the following situations:

- The shift position is shifted to P or N
- The accelerator pedal is depressed
- The parking brake is engaged
- 2 seconds at maximum elapsed after the brake pedal is released
- Power switch is turned to OFF

■ **Sounds and vibrations caused by the ABS, brake assist, VSC, TRC and hill-start assist control systems**

- A sound may be heard from the motor compartment when the brake pedal is depressed repeatedly, when the EV system 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 also after the vehicle comes to a stop.

■ **ECB operating sound**

ECB operating sound may be heard in the following cases, but it does not indicate that a malfunction has occurred.

- Operating sound heard from the motor compartment when the brake pedal is operated.
- Motor sound of the brake system heard from the front part of the vehicle when the driver's door is opened.
- Operating sound heard from the motor compartment when one or two minutes passed after the stop of the EV system.

■ **Active Cornering Assist operation sounds and vibrations**

When Active Cornering Assist is operated, operation sounds and vibrations may be generated from the brake system, but this is not a malfunction.

■ **EPS operation sound**

When the steering wheel is operated, a motor sound (whirring sound) may be heard.
This does not indicate a malfunction.

■ **Automatic reactivation of TRC and VSC systems**

After turning the TRC and VSC systems off, the systems will be automatically re-enabled in the following situations:

- When the power switch is turned off
- If only the TRC system is turned off, the TRC will turn on when vehicle speed increases. If both the TRC and VSC systems are turned off, automatic re-enabling will not occur when vehicle

speed increases.

■ **Operating conditions of Active Cornering Assist**

The system operates when the following occurs.

- TRC/VSC can operate
- The driver is attempting to accelerate while turning
- The system detects that the vehicle is drifting to the outer side
- The brake pedal is released

■ **Reduced effectiveness of the EPS system**

The effectiveness of the EPS system 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 EV system off. The EPS system should return to normal within 10 minutes.

■ **Operating conditions of emergency brake signal**

When the following conditions are met, the emergency brake signal will operate:

- The emergency flashers are off.
- Actual vehicle speed is over 55 km/h (35 mph).
- The system judges from the vehicle deceleration that it is a sudden braking operation.

■ **Automatic system cancelation of emergency brake signal**

The emergency brake signal will be canceled in any of the following situations:

- The emergency flashers are turned on.
- The system judges from the vehicle deceleration that is not a sudden braking operation

■ **Secondary Collision Brake operating conditions**

The system operates when the SRS airbag sensor detects a collision while the vehicle is in motion.However, the system does not operate in any of the following situations.

- The vehicle speed is below 10 km/h (6 mph)
- Components are damaged

■ **Secondary Collision Brake automatic cancellation**

The system is automatically canceled in any of the following situations.

- The vehicle speed drops below approximately 10 km/h (6 mph)
- A certain amount of time elapses during operation
- The accelerator pedal is depressed a large amount

WARNING

■ **The ABS does not operate effectively when**

- The limits of tire gripping performance have been exceeded (such as excessively worn tires on a snow covered road).
- The vehicle hydroplanes while driving at high speed on wet or slick roads.

■ **Stopping distance when the ABS is operating may 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, especially 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 uneven surfaces

WARNING

■ TRC/VSC may not operate effectively when

Directional control and power may not be achievable while driving on slippery road surfaces, even if the TRC/VSC system is operating.
Drive the vehicle carefully in conditions where stability and power may be lost.

■ Active Cornering Assist does not operate effectively when

- Do not overly rely on Active Cornering Assist. Active Cornering Assist may not operate effectively when accelerating down slopes or driving on slippery road surfaces.
- When Active Cornering Assist frequently operates, Active Cornering Assist may temporarily stop operating to ensure proper operation of the brakes, TRC and VSC.

■ Hill-start assist control does not operate effectively when

- Do not overly rely on hill-start assist control. Hill-start assist control may not operate effectively on steep inclines and roads covered with ice.
- Unlike the parking brake, hill-start assist control is not intended to hold the vehicle stationary for an extended period of time. Do not attempt to use hill-start assist control to hold the vehicle on an incline, as doing so may lead to an accident.

■ When the TRC/ABS/VSC is activated

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

■ When the TRC/VSC systems are turned off

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

■ Replacing tires

Make sure that all tires are of the specified size, brand, tread pattern and total load capacity. In addition, make sure that the tires are inflated to the recommended tire inflation pressure level.
The ABS, TRC and VSC systems will not function correctly if different tires are installed on the vehicle.
Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for further information when replacing tires or wheels.

■ Handling of tires and the suspension

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

■ Secondary Collision Brake

Do not rely solely upon the Secondary Collision Brake. This system is designed to help reduce the possibility of further damage due to a secondary collision, however, that effect changes according to various conditions. Overly relying on the system may result in death or serious injury.

Winter driving tips

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.

Preparation for winter

- Use fluids that are appropriate to the prevailing outside temperatures.
  - Power control unit coolant
  - Heater coolant
  - Washer fluid
- Have a service technician inspect the condition of the 12-volt battery.
- Have the vehicle fitted with four snow tires or purchase a set of tire chains for the front tires.

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

WARNING

■ Driving with snow tires

Observe the following precautions to reduce the risk of accidents.
Failure to do so may result in a loss of vehicle control and cause death or serious injury.

- Use tires of the specified size.
- Maintain the recommended level of air pressure.
- Do not drive at speeds in excess of the speed limit or the speed limit specified for the snow tires being used.
- Use snow tires on all, not just some wheels.

■ Driving with tire chains

Observe the following precautions to reduce the risk of accidents.
Failure 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 50 km/h (30 mph), whichever is lower.
- Avoid driving on bumpy road surfaces or over potholes.
- Avoid sudden acceleration, abrupt steering, sudden braking and shifting operations that cause sudden regenerative braking.
- Slow down sufficiently before entering a curve to ensure that vehicle control is maintained.
- Do not use LTA (Lane Tracing Assist).

NOTICE

■ Repairing or replacing snow tires

Request repairs or replacement of snow tires from any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer 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.

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.
- Check for and remove any excess ice or snow that may have accumulated on the exterior lights, vehicle's roof, chassis, around the tires or on the brakes.
- Remove any snow or mud from the bottom of your shoes before getting in the vehicle.

When driving the vehicle

Accelerate the vehicle slowly, keep a safe distance between you and the vehicle ahead, and drive at a reduced speed suitable to road conditions.

When parking the vehicle

- Park the vehicle and shift the shift position to P without setting the parking brake. The parking brake may freeze up, preventing it from being released. If the vehicle is parked without setting the parking brake, make sure to block the wheels.
  Failure to do so may be dangerous because it may cause the vehicle to move unexpectedly, possibly leading to an accident.

When the parking brake is in automatic mode, release the parking brake after shifting the shift position to P. (→P.302)

- If the vehicle is left parked with the brakes damp in cold temperatures, there is a possibility of the brakes freezing.

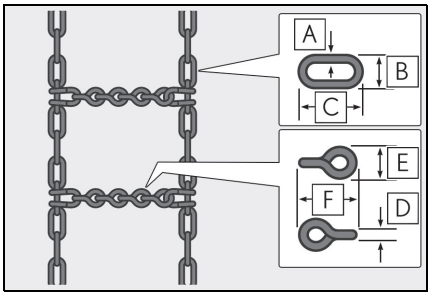
WARNING

■ When parking the vehicle

When parking the vehicle without applying the parking brake, make sure to chock the wheels. If you do not chock the wheels, the vehicle may move unexpectedly, possibly resulting in an accident.

Selecting tire chains

Use the correct tire chain size when mounting the tire chains. Chain size is regulated for each tire size.



Side chain:

A 3 mm (0.12 in.) in diameter

B 10 mm (0.39 in.) in width

C 25 mm (0.98 in.) in length

Cross chain:

D 4 mm (0.16 in.) in diameter

E 14 mm (0.55 in.) in width

F 25 mm (0.98 in.) in length

Regulations on the use of tire chains

Regulations regarding the use of tire chains vary depending on location and type of road. Always check local regulations before installing chains.

■ Tire 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 front tires only. Do not install tire chains on the rear tires.
- Install tire chains on front tires as tightly as possible. Retighten chains after driving 0.5 - 1.0 km (1/4 - 1/2 mile).
- Install tire chains following the instructions provided with the tire chains.

NOTICE

■ Fitting tire chains

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

Windshield wipers

To enable the windshield wipers to be lifted when heavy snow or icy conditions are expected, change the rest position of the windshield wipers from the retracted position below the hood to the service position using the wiper lever. (→P.320)

Utility vehicle precautions

This vehicle belongs to the utility vehicle class, which has higher ground clearance and narrower tread in relation to the height of its center of gravity.

Utility vehicle feature

- Specific design characteristics give it a higher center of gravity than ordinary passenger cars. This vehicle design feature causes this type of vehicle to be more likely to rollover. Utility vehicles have a significantly higher rollover rate than other types of vehicles.
- An advantage of the higher ground clearance is a better view of the road allowing you to anticipate problems.
- It is not designed for cornering at the same speeds as ordinary passenger cars any more than low-slung sports cars designed to perform satisfactorily under off-road conditions. Therefore, sharp turns at excessive speeds may cause rollover.

WARNING

■ Utility vehicle precautions

Always observe the following precautions to minimize the risk of death or serious injury or damage to your vehicle:

- In a rollover crash, an unbelted person is significantly more likely to die than a person wearing a seat belt. Therefore, the driver and all passengers should always fasten their seat belts.
- Avoid sharp turns or abrupt maneuvers, if at all possible.
  Failure to operate this vehicle correctly may result in loss of control or vehicle rollover causing death or serious injury.
- Loading cargo on the roof luggage carrier (if equipped) will make the center of the vehicle gravity higher. Avoid high speeds, sudden starts, sharp turns, sudden braking or abrupt maneuvers, otherwise it may result in loss of control or vehicle rollover due to failure to operate this vehicle correctly.
- Always slow down in gusty crosswinds. Because of its profile and higher center of gravity, your vehicle is more sensitive to side winds than an ordinary passenger car. Slowing down will allow you to have better control.
- Do not drive horizontally across steep slopes. Driving straight up or straight down is preferred. Your vehicle (or any similar off-road vehicle) can tip over sideways much more easily than forward or backward.

Off-road driving

Your vehicle is not designed to be driven off-road. However, in the event that off-road driving cannot be avoided, please observe the following precautions to help avoid the areas prohibited to vehicles.

- Drive your vehicle only in areas where off-road vehicles are permitted to travel.
- Respect private property. Get owner's permission before entering private property.
- Do not enter areas that are closed. Honor gates, barriers and signs that restrict travel.
- Stay on established roads. When conditions are wet, driving techniques should be changed or travel delayed to prevent damage to roads.

WARNING

■ Off-road driving precautions

Always observe the following precautions to minimize the risk of death or serious injury or damage to your vehicle:

- Drive carefully when off the road. Do not take unnecessary risks by driving in dangerous places.
- Do not grip the steering wheel spokes when driving off-road. A bad bump could jerk the wheel and injure your hands. Keep both hands and especially your thumbs on the outside of the rim.
- Always check your brakes for effectiveness immediately after driving in sand, mud, water or snow.
- After driving through tall grass, mud, rock, sand, water, etc., check that there is no grass, bush, paper, rags, stone, sand, etc. adhering or trapped to the underbody. Clear off any such matter from the underbody. If the vehicle is used with these materials trapped or adhering to the underbody, a breakdown or fire could occur.

WARNING

- When driving off-road or in rugged terrain, do not drive at excessive speeds, jump, make sharp turns, strike objects, etc. This may cause loss of control or vehicle rollover causing death or serious injury. You are also risking expensive damage to your vehicle's suspension and chassis.

NOTICE

■ To prevent water damage

Take all necessary safety measures to ensure that water damage to the traction battery, EV system or other components does not occur.

- Water entering the motor compartment may cause severe damage to the EV system.
- Water entering the transmission will cause deterioration in transmission quality. The vehicle may not be drivable.
- Water can wash the grease from wheel bearings, causing rusting and premature failure, and may also enter the transmission case, reducing the gear oil's lubricating qualities.

■ When you drive through water

If driving through water, such as when crossing shallow streams, first check the depth of the water and the bottom of the riverbed for firmness. Drive slowly and avoid deep water.

■ Inspection after off-road driving

- Sand and mud that has accumulated around brake discs may affect braking efficiency and may damage brake system components.
- Always perform a maintenance inspection after each day of off-road driving that has taken you through rough terrain, sand, mud, or water.

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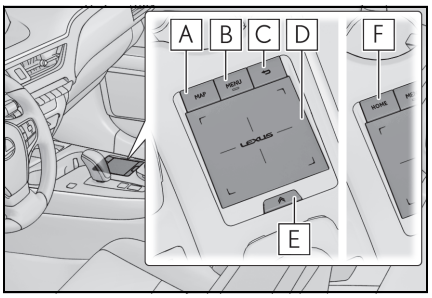
Remote Touch

The Remote Touch can be used to operate Center Display. Owners of models equipped with a navigation system should refer to the "NAVIGATION AND MULTIMEDIA SYSTEM OWNER'S MANUAL".

Remote Touch operation

■ Switches



A "MAP" button (10.3-inch display model)

Press this button to display the vehicle's current position.

B "MENU" button

Press this button to display the menu screen.

C Back button

Press this button to display the previous screen.

D Touchpad

Slide your finger on the touchpad and move the pointer to select a function, letter and screen button.

Press the touchpad to enter the selected function, letter or screen button. Certain finger movements on the touchpad can perform functions, such as changing map scalings and scrolling list screens.

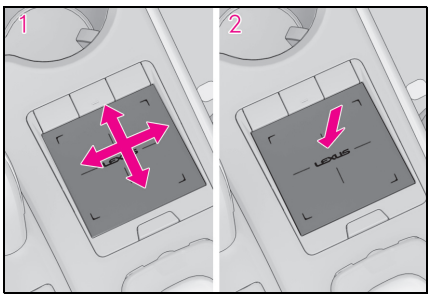
E Sub function button

When is displayed on the screen, a function screen assigned to the screen can be displayed.

F "HOME" button (7-inch display model)

Press this button to display the home screen.

■ Using the touchpad



1 Select: Touch the touchpad to select the desired button on the screen.

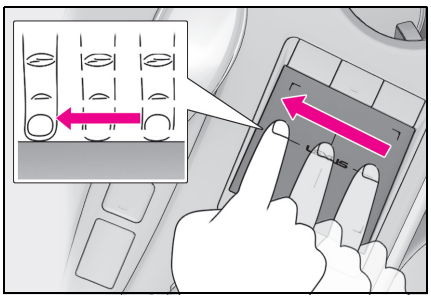
2 Enter: The buttons on the screen can be selected by either depressing or double tapping on the touchpad. Once a button has been selected, the screen will change.

■ Touch operation

Operations are performed by touching the touchpad with your finger.

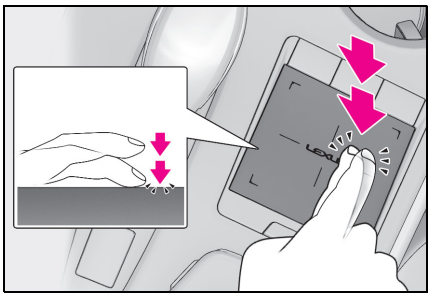
● Trace

Trace the pad surface while maintaining contact with the touch pad. Moving the cursor and the pointer.



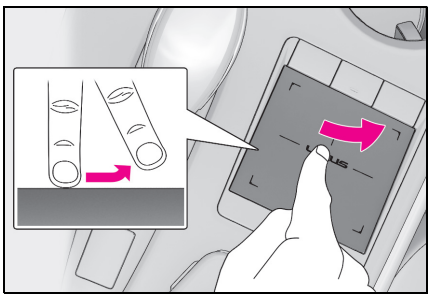
● Double tap

Tap the touchpad twice, quickly. Select the button on the screen.



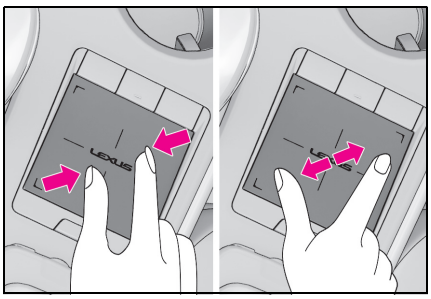
● Flick

Quick and long movement along the touchpad with your finger. Move the list screen.



● Pinch in/Pinch out

Slide fingers toward each other or apart on the touchpad. Change the scale of the map.



NOTICE

■ To prevent damage to the Remote Touch

Observe the following precautions. Failure to do so may cause damage to the Remote Touch.

- Do not allow the Remote Touch to come into contact with food, liquid, stickers or lit cigarettes.
- Do not subject the Remote Touch to excessive pressure or strong impact.
- Do not push the touchpad with a strong force or use a sharp pointed object to operate the pad.

Center Display overview

■ Menu screen

Press the "MENU" button on the Remote Touch to display the menu screen.

The displays shown in the illustrations are used for example only and may differ from the actual vehicle.

▶ 10.3-inch display model



▶ 7-inch display model



Switch	Function
	Select to display the destination screen. *1, 2
	Select to display the audio control screen. *1
	Select to display the hands-free control screen. *1
	Select to display the application screen. *1, 3
	Select to display the home screen of Apple CarPlay. *1, 3
	Select to display the home screen of Android Auto. *1, 3
	Select to display the setup screen. *1
	Select to display the air conditioning control screen. (→423)
	Select to adjust the contrast and brightness of the screens, turn the screen off, etc. *1, 2

*1: Refer to the "NAVIGATION AND MULTIMEDIA SYSTEM OWNER'S MANUAL".

*2: If equipped

*3: This function is not made available in some countries or areas.

■ Split-screen display (10.3-inch display model)

Different information can be displayed on the left and right of the screen. For example, the air conditioning system screen can be displayed and operated while the audio control screen is being displayed. The large screen on the left of the display is called the main display, and the small screen to the right is called the side display.



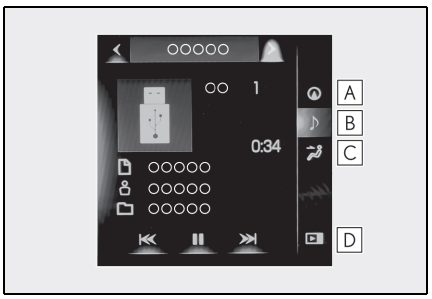
■ Main display

For details about the functions and operation of the main display, refer to the respective section and "NAVIGATION AND MULTIMEDIA SYSTEM OWNER'S MANUAL".

■ Side display (10.3-inch display model)

The following functions can be displayed and operated on the side display.

Select ❮ or ❯ to display the desired screen.



A Navigation system*

B Audio*

C Air conditioning system (→P.423)

D Show/hide the side display.

*: Refer to the "NAVIGATION AND MULTIMEDIA SYSTEM OWNER'S MANUAL".

■ Screen display during low temperatures

When the ambient temperature is extremely low, screen response may be delayed even if the Remote Touch is operated.

Lexus Climate Concierge

The front seat heaters (if equipped), seat ventilators (if equipped) and heated steering wheel (if equipped) are each automatically controlled according to the set temperature of the air conditioning system, the outside and cabin temperature, etc. Lexus Climate Concierge allows a comfortable condition to be maintained without adjusting each system.

Press the "MENU" button on the Remote Touch and select "Climate" to display the air conditioning control screen. Then, select to display the Lexus Climate Concierge control screen.

Turning on Lexus Climate Concierge

Select

The indicator on the Lexus Climate Concierge control screen illuminates, and the automatic air conditioning system, front seat heaters and ventilators (if equipped), and heated steering wheel (if equipped) operate in automatic mode.

If any of the system is operated manually, the indicator turns off. However, all other functions continue to operate in automatic mode.



■ **When using the Lexus Climate Concierge**

Lexus Climate Concierge can be operated on the sub function menu or option control screen. (→P.423)

Operation of each system

■ **Automatic air conditioning system (→P.420)**

The temperature can be adjusted independently for the driver seat and passenger seat.

■ **Front seat heaters and ventilators (if equipped) (→P.431)**

Heating or ventilation is automatically selected according to the set temperature of the air conditioning system, the outside temperature, etc.

The seat heater and ventilator of the front passenger seat operate in automatic mode if a passenger is detected.

■ **Heated steering wheel (if equipped) (→P.431)**

Heated steering wheel operates automatically according to the set temperature of the air conditioning system, the outside temperature, etc.

■ **Front seat heater/ventilator operation**

When automatic mode is selected using the front seat heater/ventilator switch, passenger detection is not performed.

Automatic air conditioning system

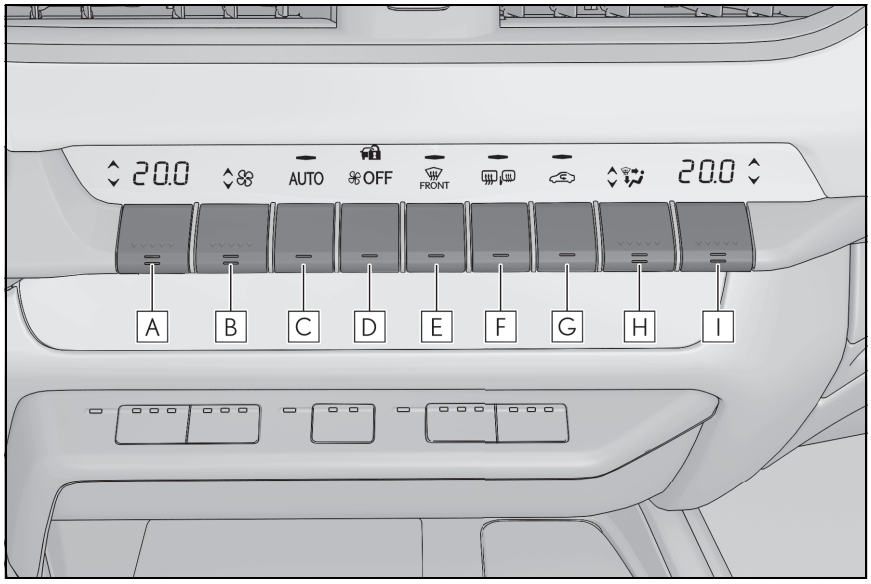
Air outlets and fan speed are automatically adjusted according to the temperature setting.
Press the "MENU" button on the Remote Touch, then select "Climate" to display the air conditioning control screen. (→P.415)

10.3-inch display model: The air conditioning system can be displayed and operated on the side display.

The illustrations below are for left-hand drive vehicles.

The button positions will differ for right-hand drive vehicles.

Air conditioning controls



A Left-hand side temperature control switch

B Fan speed control switch

C Automatic mode switch

D Off switch

E Windshield defogger switch

F Rear window and outside rear view mirror defogger switch

G Outside/recirculated air mode switch

H Airflow mode control switch

I Right-hand side temperature control switch

■ Adjusting the temperature setting

Operate the temperature control switch upwards to increase the temperature and downwards to decrease the temperature.

■ Setting the fan speed

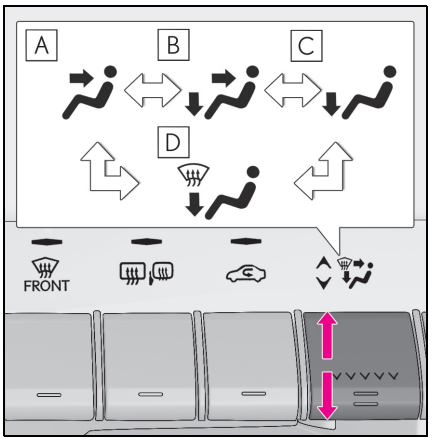
Operate the fan speed control switch upwards to increase the fan speed and downwards to decrease the fan speed.

Press the off switch to turn the fan off.

■ Change the airflow mode

Operate the airflow mode control switch upwards or downwards.

The mode changes as follows each time the switch is operated.



A Air flows to the upper body.

B Air flows to the upper body and feet.

C Air flows to the feet.

D Air flows to the feet and the windshield defogger operates.

■ Switching between outside air and recirculated air modes

Press the outside/recirculated air mode switch.

The mode switches between outside air mode (the indicator is off) and recirculated air mode (the indicator is on) each time the switch is pressed.

■ Defogging the windshield

Defoggers are used to defog the windshield and front side windows.
Press the windshield defogger switch.

Set the outside/recirculated air mode switch to outside air mode if the recirculated air mode is used. (It may switch automatically.)
To defog the windshield and the side windows early, turn the air flow and temperature up.

To return to the previous mode, press the windshield defogger switch again when the windshield is defogged.

■ Defogging the rear window and outside rear view mirrors

Defoggers are used to defog the rear window and to remove raindrops, dew and frost from the outside rear view mirrors.

Press the rear window and outside rear view mirror defogger switch.

The defoggers will automatically turn off

after a period of time.

■ Windshield wiper de-icer (if equipped)

→P.425

■ Fogging up of the windows

- The windows will easily fog up when the humidity in the vehicle is high. Selecting "A/C" will dehumidify the air from the outlets and defog the windshield effectively.
- If you turn "A/C" off, the windows may fog up more easily.
- The windows may fog up if the recirculated air mode is used.

■ When driving on dusty roads

Close all windows. If dust thrown up by the vehicle is still drawn into the vehicle after closing the windows, it is recommended that the air intake mode be set to outside air mode and the fan speed to any setting except off.

■ Outside/recirculated air mode

- Setting to the recirculated air mode temporarily is recommended in preventing dirty air from entering the vehicle interior and helping to cool the vehicle when the outside air temperature is high.
- Outside/recirculated air mode may automatically switch depending on the temperature setting or the inside temperature.

■ Operation of the air conditioning system in Eco drive mode

- In Eco drive mode, the air conditioning system is controlled as follows to prioritize electricity consumption efficiency
  - Motor speed and compressor operation controlled to restrict heating/cooling capacity
  - Fan speed restricted when automatic mode is selected
- To improve air conditioning performance, perform the following operations
  - Turn off eco air conditioning mode (→P.423)
  - Adjust the fan speed
  - Turn off Eco drive mode

■ When the outside temperature is low

The dehumidification function may not operate even when "A/C" is selected.

■ Ventilation and air conditioning odors

- To let fresh air in, set the air conditioning system to the outside air mode.
- During use, various odors from inside and outside the vehicle may enter into and accumulate in the air conditioning system. This may then cause odor to be emitted from the vents.
- To reduce potential odors from occurring:
  - It is recommended that the air conditioning system be set to outside air mode prior to turning the vehicle off.
  - The start timing of the blower may be delayed for a short period of time immediately after the air conditioning system is started in automatic mode or pollen removal mode.

■ Air conditioning filter

→P.494

■ Customization

Settings (e.g. A/C automatic mode switch operation) can be changed.
(Customizable features: →P.565)

⚠ WARNING

■ To prevent the windshield from fogging up

Do not use the windshield defogger switch 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.

WARNING

■ **When the outside rear view mirror defoggers are operating**

Do not touch the outside rear view mirror surfaces, as they can become very hot and burn you.

NOTICE

■ **To prevent 12-volt battery discharge**

Do not leave the air conditioning system on longer than necessary when the EV system is off.

Air conditioning control screen

■ Main control screen

Using the touchpad of the Remote Touch, select the button on the screen.

B to E can be adjusted by performing the following operations.

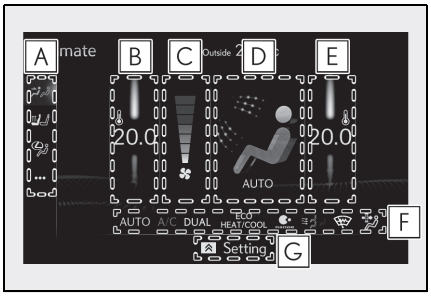
Flick operation: Move the pointer to the desired item and flick the touchpad up or down.

The item can be adjusted by one level.

Trace operation: After selecting the desired item, slide your finger up or down.

The item can be adjusted by the amount that you trace.

Trace operation cannot be used while driving.



A Sub menu

Selecting the sub menu item to switch the main screen.

: Display the air conditioning control screen

: Display the heated steering wheel/front seat heater/seat ventilator control screen (if equipped)

: Display the Lexus Climate Concierge control screen

: Display the option control screen

B Adjust the left-hand side temperature setting

C Adjust the fan speed setting

D Select the 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

E Adjust the right-hand side temperature setting

F Function on/off indicators

When the function is on, the indicator illuminates on the control screen.

G Sub function menu

When the sub function button on the Remote Touch is pressed, the following functions can be switched on and off.

: Set Lexus Climate Concierge (→P.418)

"AUTO": Set automatic mode on/off (→P.426)

"Off": Turn the fan off

"A/C": Set cooling and dehumidification function

"DUAL": Adjust the temperature for driver and front passenger seats separately ("DUAL" mode) (→P.426)

FAST ECO: Changing the fan speed setting during the automatic mode operation (Blower customization)

ECO HEAT/COOL: Set eco air conditioning mode

■ Option control screen

Select ••• on the sub menu to display the option control screen.

The functions can be switched on and off.

When the function is on, the indicator illuminates on the screen.



A Set Lexus Climate Concierge (→P.418)

B Adjusting the temperature for driver and front passenger seats separately ("DUAL" mode) (→P.426)

C Set eco air conditioning mode

Air conditioning and heater output is limited to prioritize electricity consumption efficiency.

D Cooling and dehumidification function

E nanoe™* system on/off

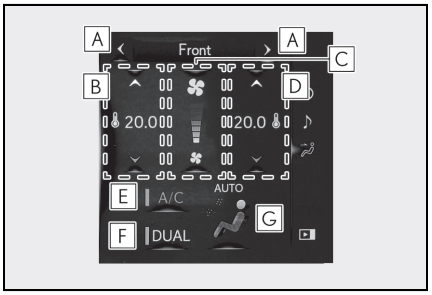
F Select front seat concentrated airflow mode (S-FLOW) (→P.428)

G Prevent ice from building up on the windshield and wiper blades (Windshield wiper de-icer) (if equipped)

H Removing pollen from the air (Pollen removal mode)

*: nanoe™ and the nanoe™ mark are trademarks of Panasonic Corporation.

■ Side display (10.3-inch display model)



A Display the heated steering wheel/front seat heaters/seat ventilators control screen (→P.434)

B Adjust the left-hand side tempera-

ture setting

C Adjust the fan speed setting

D Adjust the right-hand side temperature setting

E Set cooling and dehumidification function on/off

F Adjust the temperature for the driver's and front passenger's seats separately ("DUAL" mode) (→P.426)

G Select the air flow mode

■ **Windshield wiper de-icer (if equipped)**

This feature is used to prevent ice from building up on the windshield and wiper blades.

The windshield wiper de-icer will automatically turn off after a period of time.

■ **Eco air conditioning mode**

When Eco drive mode is selected using the driving mode select switch, eco air conditioning mode turns on.

When a driving mode other than Eco drive mode is selected, eco air conditioning mode may turn off.

■ **Pollen removal mode**

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 automatically turn off after a period of time.

In order to prevent the windshield from fogging up when the outside air is cold, the dehumidification function may operate or the outside/recirculated air mode may not switch to recirculated air mode.

Pollen is filtered even if pollen removal mode is turned off.

■ **nanoe™ system**

This vehicle incorporates a biocidal product.
Ionised air generated by a device incorporated in the vehicle purifies the air in the cabin by suppressing bacteria.
Active substance: Free radicals generated in situ from ambient air or water.
nanoe™ helps to provide purified air by emitting electrically charged water particles through the side vent on the driver's side*.

- When the fan is turned on and nanoe™ on the option control screen is selected, the nanoe™ system is activated.
- When the fan is operated in the following conditions, system performance will be maximized. If the following conditions are not met, performance will be limited.
  - The ,  or  air outlets are being used.
  - The side vent on driver's side is open.
- When nanoe™ is generated, a small amount of ozone is emitted and may be faintly smelled in some situations. However, this is approximately the same as the amount that already exists in nature, such as in forests, and it has no affect on the human body.
- A slight noise may be heard during operation. This is not a malfunction.

*: According to temperature and humidity conditions, fan speed and direction of the air flow, the nanoe™ system may not operate at full capacity.

■ **Blower customization**

Fan speed setting during the automatic mode operation can be customized.

To change the fan speed setting mode, select 

on the air conditioning control screen.

Each time 

is selected, the fan speed setting mode changes as follows.

"NORMAL" → "ECO" → "FAST" →

"NORMAL"

WARNING

■ **To prevent burns (vehicles with windshield wiper de-icer)**

Do not touch the glass at lower part of the windshield or to the side of the front pillars when the windshield wiper de-icer is on.

■ **nanoe™ generator**

Do not disassemble or repair the generator because it contains high voltage parts. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer if the generator needs repair.

NOTICE

■ **To prevent damage to the nanoe™**

Do not insert anything into the driver's side vent, attach anything to it, or use sprays around the driver's side vent. These things may cause the generator not to work properly.

Using automatic mode

1 Press the automatic mode switch or select "AUTO" on the sub function menu (→P.423).

2 Adjust the temperature setting.

3 To stop the operation, press the off switch or select "Off" on the sub function menu (→P.423).

If the fan speed setting or air flow modes are operated, the automatic mode indicator goes off. However, automatic mode for functions other than that operated is maintained.

■ **Using automatic mode**

Fan speed is adjusted automatically according to the temperature setting and the ambient conditions.
Therefore, the fan may stop for a while until warm or cool air is ready to flow immediately after the automatic mode switch is pressed or "AUTO" is selected.

Cool air may blow around the upper body even when the heater is on due to sunlight.

■ **Windshield fog detection function**

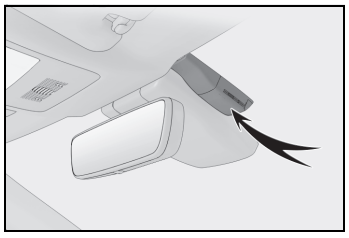
When automatic mode is set, the humidity sensor detects fog on the windshield and controls the air conditioning system to prevent fog.

NOTICE

■ **Humidity sensor**

In order to detect fog on the windshield, a sensor which monitors the temperature of the windshield, the surround humidity, etc., is installed.
Follow these points to avoid damaging the sensor:

- Do not disassemble the sensor
- Do not spray the glass cleaner on the sensor or subject it to strong impacts
- Do not stick anything on the sensor



Adjusting the temperature for driver and front passenger seats separately ("DUAL" mode)

To turn on the "DUAL" mode, perform any of the following procedures:

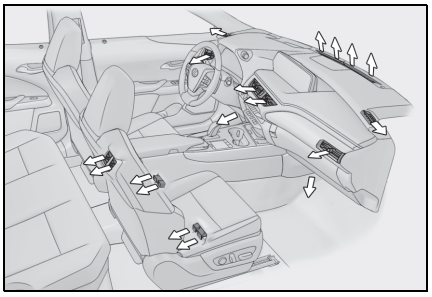
- Select "DUAL" on the sub function menu. (→P.423)
- Select "DUAL" on the option control screen.
- Adjust the front passenger's side temperature setting.

The indicator comes on when the "DUAL" mode is on.

Air outlet layout and operations

■ Location of air outlets

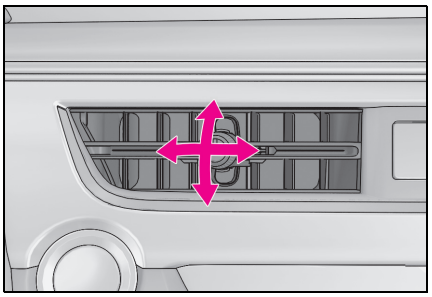
The air outlets and air volume changes according to the selected air flow mode.



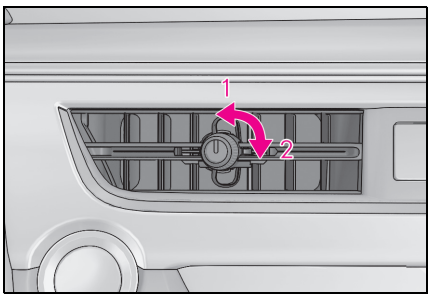
■ Adjusting the position of and opening and closing the air outlets

▶ Front

Direct air flow to the left or right, up or down

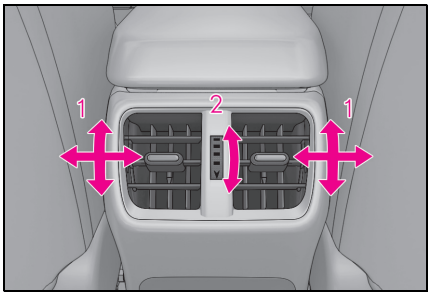


Turn the knob to open or close the vent



1 Open the outlet
2 Close the outlet

▶ Rear

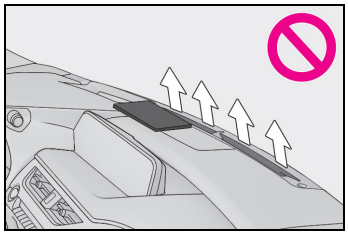


1 Direct air flow to the left or right, up or down
2 Turn the knob to open or close the vent

WARNING

■ **To prevent the windshield defogger from operating improperly**

Do not place anything on the instrument panel which may cover the air outlets. Otherwise, air flow may be obstructed, preventing the windshield defoggers from defogging.



Front seat concentrated airflow mode (S-FLOW)

This function automatically controls the air conditioning airflow so that priority is given to the front seats. When the front passenger seat is not occupied, airflow may switch to only the driver's seat. Unnecessary air conditioning is suppressed, contributing to increased electricity consumption efficiency.

Front seat concentrated airflow mode operates in the following situations.

- No passengers are detected in the rear seats
- The windshield defogger is not operating
- Pollen removal mode is not operating

While operating,  illuminates.

■ Manually turning front seat concentrated airflow mode on/off

In front seat concentrated airflow mode, directing airflow to the front seats only and to all seats can be switched via switch operation. When the mode has been switched manually, automatic airflow control stops operating.

Select  on the option control screen (→P.424) and switch the airflow.

- Indicator illuminated: Airflow to the front seats only
- Indicator off: Airflow to all the seats

■ **Operation of automatic airflow control**

- In order to maintain a comfortable interior, airflow may be directed to seats without passengers immediately after the EV system is started and at other times depending on the outside temperature.
- After the EV system is started, if passengers move around inside or enter/exit the vehicle, the system cannot accurately detect the presence of passengers and automatic airflow control will not operate.

■ **Operation of manual airflow control**

Even if the function is manually switched to directing airflow to only the front seats, when a rear seat is occupied, it may automatically direct airflow to all seats.

■ **To return to automatic airflow control**

1. With the indicator off, turn the power switch off.
2. After 60 minutes or more elapse, turn the power switch to ON.

Remote Air Conditioning System

The Remote Air Conditioning System uses electrical energy stored in the traction battery and allows the air conditioning to be operated by remote control.

If the Remote Air Conditioning System is used while the charging cable is connected to the vehicle, the reduction of charge in the traction battery will be suppressed to allow you to use electricity from an external power source.

Charging will be conducted automatically after the Remote Air Conditioning System is stopped.

Before leaving the vehicle

Check the temperature setting of the air conditioning system. (→P.421)

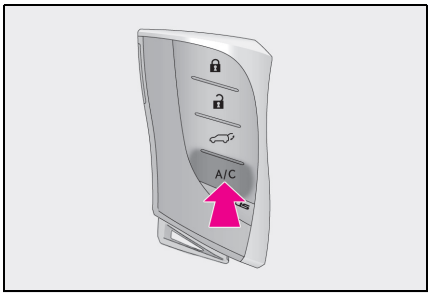
The Remote Air Conditioning System will operate in accordance with the temperature settings of the air conditioning system.

Activating the Remote Air Conditioning System

Press and hold "A/C" on the wireless remote control to operate the Remote Air Conditioning System.

The system will shut off if a door is opened.

The system can be stopped by pressing "A/C" twice.



■ **Operating conditions**

The system will only operate if all of the following conditions are met:

- The power switch is OFF.
- All doors are closed.
- The hood is closed.

■ **Remote Air Conditioning System automatic shut-off**

The system will automatically shut off under the following conditions:

- About 20 minutes have passed since operation began
- Any one of the operating conditions is not met

The system may also shut off if the charge level of the traction battery drops to low.

■ **Conditions affecting operation**

The system may not start in the following situations:

- The charge level of the traction battery is low
- When the EV system is cool (for example, after being left for a long time in low temperatures)

■ **Windshield defogger**

When defogging the windshield using the Remote Air Conditioning System, defogging may be insufficient due to the power being restricted more than during normal air conditioning operation. Also, the outside of the windshield may fog up due to the outside temperature, humidity or air conditioning set temperature.

■ **Security feature**

Any unlocked doors will be automatically locked when the system is operating. The emergency flashers flash to indicate that the doors have been locked.

■ **Conditions affecting operation**

→P.208

■ **While the Remote Air Conditioning System is operating**

- Depending on the operating condition of the Remote Air Conditioning System, the electric fan may spin and an operating noise may be heard.
  However, this does not indicate a malfunction.
- The Remote Air Conditioning System may stop operating temporarily if other features that use electricity (for example, the seat heater, lights, windshield wipers) are in operation or if the charge level of the 12-volt battery becomes low.
- The headlights, windshield wiper, meter, etc. will not operate.
- The intrusion sensor will automatically be canceled.

■ **Electronic key battery depletion**

→P.186

■ **When the electronic key battery is fully depleted**

→P.496

■ **Customization**

Setting (e.g. Operation using "A/C" on the wireless remote control) can be changed. (Customizable features: →P.565)

WARNING

■ **Precautions for the Remote Air Conditioning System**

- Do not use the system if people are in the vehicle.
  Even when the system is in use, the internal temperature may still reach a high or low level due to features such as the automatic shut-off. Children and pets left inside the vehicle may suffer heatstroke dehydration or hypothermia, or could result in death or serious injury.
- Depending on the surrounding environment, signals from the wireless switch may transmit further than expected. Pay appropriate attention to the vehicle's surroundings and use the switch only when necessary.
- Do not operate "A/C" if the hood is open. The air conditioning may operate unintentionally and objects may be drawn into the electrical cooling fans.

NOTICE

■ **To prevent the traction battery from being discharged through incorrect operation**

Use "A/C" only when necessary.

Heated steering wheel*/seat heaters*/seat ventilators*

*: If equipped

● Heated steering wheel

Warms up the grip of the steering wheel

● Seat heaters

Warm up the seat upholstery

● Seat ventilators

Maintain good airflow on the seat upholstery by sucking air into the seats

Press the "MENU" button on the Remote Touch and select "Climate" to display the air conditioning control screen. Then, select on the sub menu (→P.423) to display the heated steering wheel/front seat heaters/seat ventilators control screen.

WARNING

■ To prevent minor burn injuries

Care should be taken if anyone in the following categories comes in contact with the steering wheel or seats when the heater is on:

- Babies, small children, the elderly, the sick and the physically challenged
- Persons with sensitive skin
- Persons who are fatigued
- Persons who have taken alcohol or drugs that induce sleep (sleeping drugs, cold remedies, etc.)

NOTICE

■ To prevent damage to the seat heaters and seat ventilators

Do not put heavy objects that have an uneven surface on the seat and do not stick sharp objects (needles, nails, etc.) into the seat.

■ To prevent 12-volt battery discharge

Do not use the functions when the EV system is off.

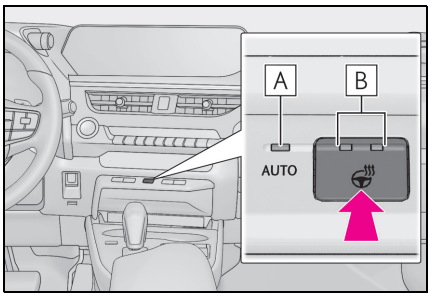
Heated steering wheel

Turns the heated steering wheel on/off

Each time the switch is pressed, the operation condition changes as follows.

AUTO (lit) → Hi (2 segments lit) → Lo (1 segment lit) → Off

The AUTO indicator A and/or level indicator B illuminates during operation.



■ The heated steering wheel can be used when

The power switch is in ON.

■ Customization

Steering wheel heating preference in automatic mode can be changed. (Customizable features: →P.566)

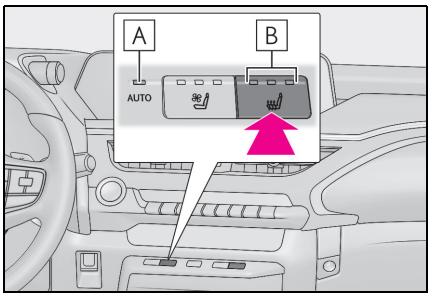
Seat heaters

Front

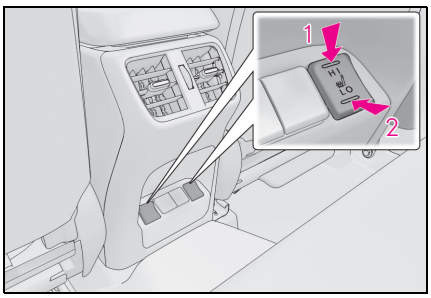
Turns the seat heaters on/off

Each time the switch is pressed, the operation condition changes as follows.
AUTO (lit) → Hi (3 segments lit) → Mid (2 segments lit) → Lo (1 segment lit) → Off

The AUTO indicator A and/or level indicator B illuminates during operation.



Rear (outboard rear seats)



1 High heater temperature level
2 Low heater temperature level

When the rear seat heater is on, the indicator illuminates on the seat heater switch.

When not in use, put the switch in the neutral position. The indicator will turn off.

The seat heaters can be used when

The power switch is in ON.

Customization

Settings for the seat heaters can be changed. (Customizable features: →P.566)

WARNING

To prevent causes of overheating and minor burn injuries

Observe the following precautions when using a seat heater

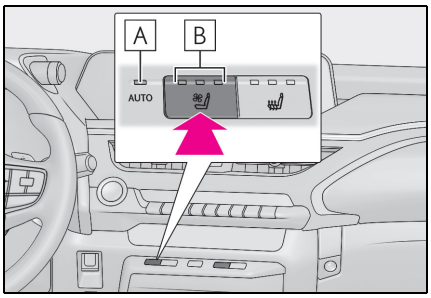
- Do not cover the seat with a blanket or cushion when using the seat heater.
- Do not use seat heater more than necessary.

Seat ventilators (front seats)

Turns the seat ventilators on/off

Each time the switch is pressed, the operation condition changes as follows.
AUTO (lit) → Hi (3 segments lit) → Mid (2 segments lit) → Lo (1 segment lit) → Off

The AUTO indicator A and/or level indicator B illuminates during operation.



The seat ventilators can be used when

The power switch is in ON.

■ **Air conditioning system-linked control mode**

When the seat ventilator fan speed level is Hi, the seat ventilator fan speed becomes higher according to the fan speed of the air conditioning system.

■ **Customization**

Settings for the seat ventilators can be changed. (Customizable features: →P.566)

Control screen

■ Main display

Using the touchpad of the Remote Touch, select the button on the screen.

A to C can be adjusted by performing the following operations.

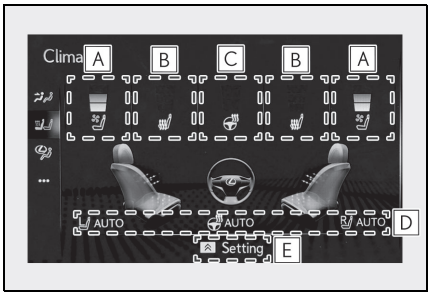
Flick operation: Move the pointer to the desired item and flick the touchpad up or down.

The item can be adjusted by one level.

Trace operation: After selecting the desired item, trace the pad surface.

The item can be adjusted by the amount that you trace.

Trace operation cannot be used while driving.



A Adjust the seat ventilator fan speed level

The seat ventilator can be adjusted in 3 levels.

When the seat ventilator is operated, the fan speed level is displayed on the screen.

B Adjust the front seat heater temperature level

The front seat heater can be adjusted in 3 levels.

When the front seat heater is operated, the temperature level is displayed on the screen.

C Adjust the heated steering wheel temperature level

The heated steering wheel can be adjusted in 2 levels.

When the heated steering wheel is operated, the temperature level is displayed on the screen.

D Automatic mode on/off indicators

When the automatic mode is on, the indicator illuminates on the screen.

E Sub function menu

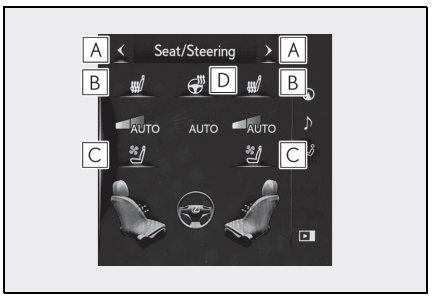
When the sub function button on the Remote Touch is pressed, the following functions can be set to automatic mode.

AUTO: Left-hand side seat heater/seat ventilator

AUTO: Heated steering wheel

AUTO: Right-hand side seat heater/seat ventilator

■ Side display (10.3-inch display model)



A Display the air conditioning control screen (→P.424)

B Adjust the seat heater temperature level

Each time the switch is selected, the temperature level and level indicator (orange) change as follows:

AUTO → Hi → Mid → Lo → Off

C Adjust the seat ventilator fan speed level

Each time the switch is selected, the fan speed level and level indicator (blue) change as follows:

AUTO → Hi → Mid → Lo → Off

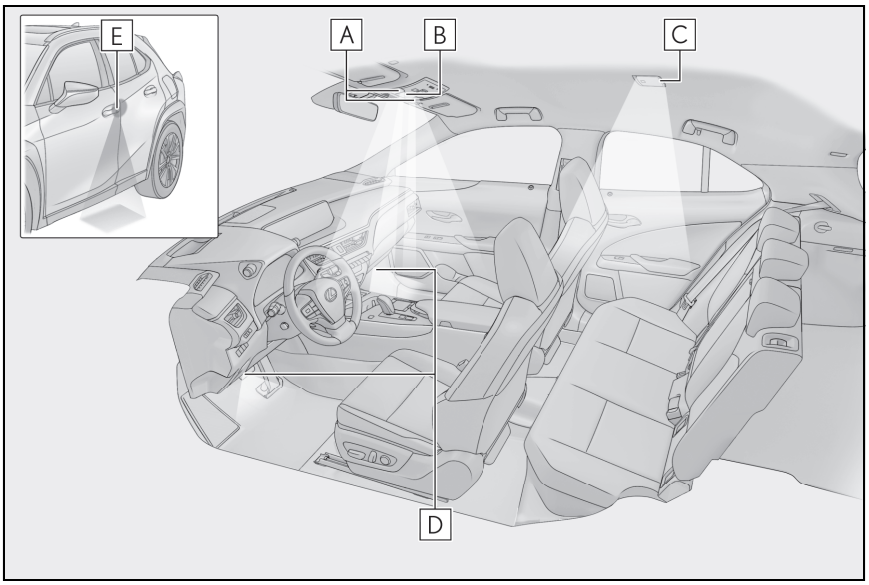
D Adjust the heated steering wheel temperature level

Each time the switch is selected, the temperature level and level indicator change as follows:

AUTO → Hi → Lo → Off

Interior lights list

Location of the interior lights



A Personal lights (→P.437)

B Front interior light (→P.436)

C Rear interior light (→P.436)

D Footwell lights

- When the power switch is in ON, the footwell lights will turn on. However, if the instrument panel light control switch is turned to minimum, the footwell lights will turn off. (→P.175)
- When the shift position is in a position other than P, the brightness of the footwell light will reduce intensity.

E Outside door handle lights (vehicles with entry function)

■ **Personal lights/interior lights automatic on/off**

● Illuminated entry system: The lights automatically turn on/off according to power switch mode, the presence of the electronic key, whether the doors are locked/unlocked, and whether the doors are opened/closed.

● If the interior lights remain on when the power switch is turned off, the lights will go off automatically after 20 minutes.

■ **When front interior light and personal lights do not respond as normal**

● When water, dirt, etc., have adhered to the lens surface

● When operated with a wet hand

● When wearing gloves, etc.

■ **The interior lights will turn on automatically when**

If any of the SRS airbags deploy (inflate) or in the event of a strong rear impact, the interior lights will turn on automatically. The interior lights will turn off automatically after approximately 20 minutes.

The interior lights can be turned off manually. However, in order to help prevent further collisions, it is recommended that they be left on until safety can be ensured.

(The interior lights may not turn on automatically depending on the force of the impact and conditions of the collision.)

■ **Customization**

Setting (e.g. the time elapsed before the lights turn off) can be changed. (Customizable features: →P.566)

NOTICE

■ **Removing light lenses**

Never remove the lens for the front interior light and personal lights. Otherwise, the lights will be damaged. If the lens need to remove, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **To prevent 12-volt battery discharge**

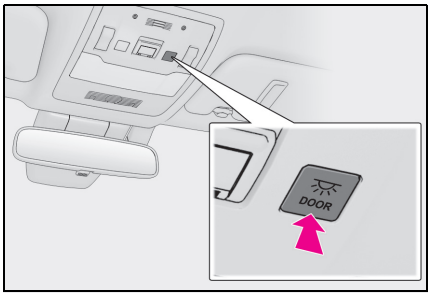
Do not leave the lights on longer than necessary when the EV system is off.

Operating the interior lights

■ Turning the door position on

Press the door-linked interior light switch

The lights are turned on and off according to whether the doors are opened/closed.

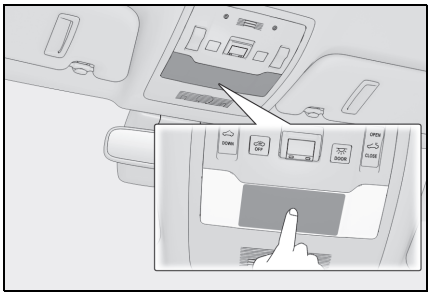


■ Turning the lights on/off

▶ Front

Turns the lights on/off (touch the light)

When a door is opened while the door position is on, the lights turn on.

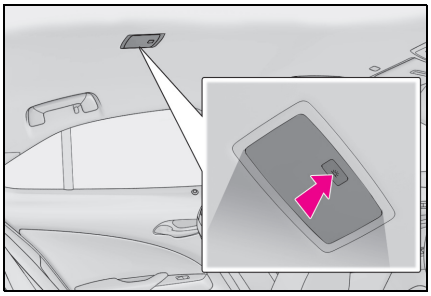


▶ Rear

On/off

The rear interior light turns on/off with the front interior light.

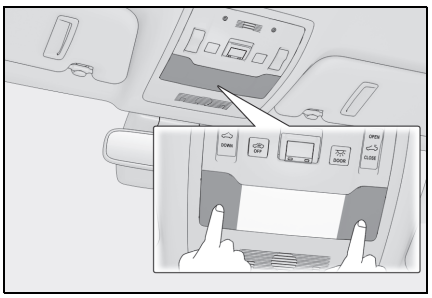
When a door is opened while the door position is on, the lights turn on.



Operating the personal lights

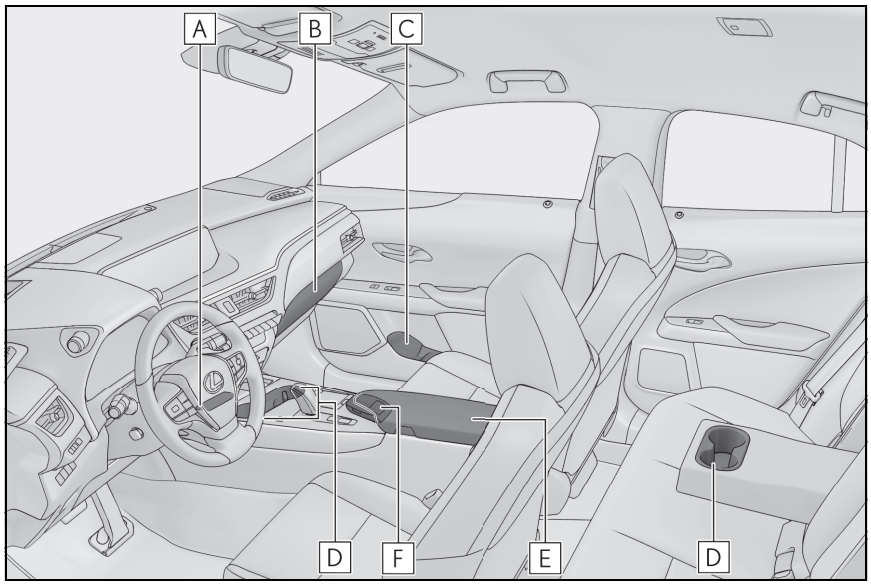
■ Turning the lights on/off

Turns the lights on/off (touch the light)



List of storage features

Location of the storage features



A Auxiliary tray/Wireless charger (if equipped) (→P.447)

B Glove box (→P.439)

C Bottle holders (→P.440)

D Cup holders (→P.439)

E Console box (→P.439)

F Coin holder (→P.440)

WARNING

■ Items that should not be left in the vehicle

Do not leave glasses, lighters or spray cans in the storage spaces, as this may cause the following when cabin temperature becomes high:

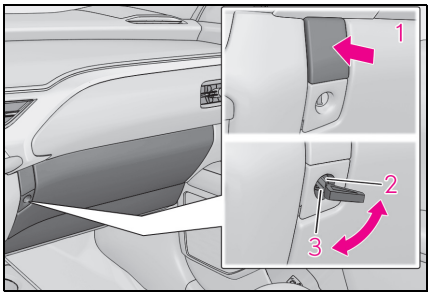
- Glasses may be deformed by heat or cracked if they come into contact with other stored items.
- Lighters or spray cans may explode. If they come into contact with other stored items, the lighter may catch fire or the spray can may release gas, causing a fire hazard.

WARNING

■ When storage compartments are not in use

When driving or when the glove box and the console box are not in use, keep it closed.
In the event of sudden braking or sudden swerving, an accident may occur due to an occupant being struck by an open lid or the items stored inside.

Glove box



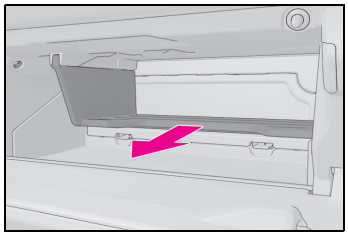
1 Open (press the button)
2 Unlock with the mechanical key
3 Lock with the mechanical key

■ Glove box light

The glove box light turns on when the tail lights are on.

■ Removing the partition

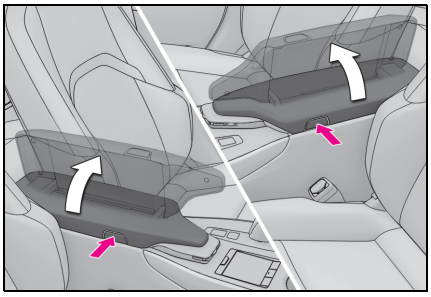
The partition inside the glove box can be removed by pulling it.



Console box

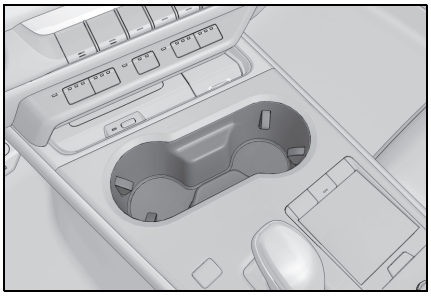
Lift the lid while pushing the button to release the lock.

The console box can be opened from either side.



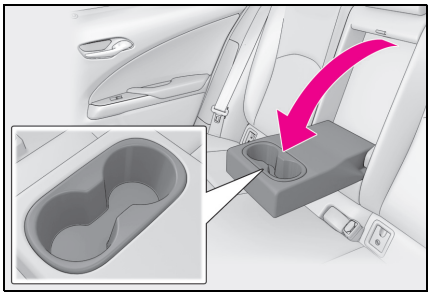
Cup holders

■ Front



■ Rear

Pull down the armrest.

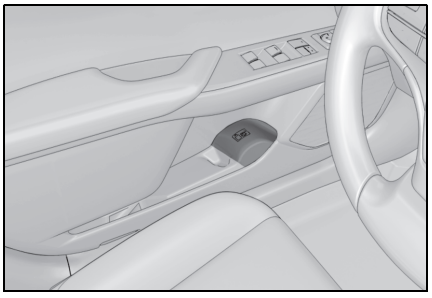


WARNING

■ **Items unsuitable for the cup holders**

Do not place anything other than cups or aluminum cans in the cup holders. Other items may be thrown out of the holders in the event of an accident or sudden braking, causing injury. If possible, cover hot drinks to prevent burns.

Bottle holders



■ **Bottle holders**

- When storing a bottle, close the cap.
- The bottle may not be stored depending on its size or shape.

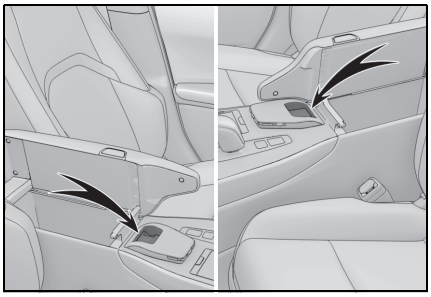
NOTICE

■ **Items that should be not stowed in the bottle holders**

Do not place open bottles or glass and paper cups containing liquid in the bottle holders. The contents may spill and glasses may break.

Coin holder

Open the console box. (→P.439)



NOTICE

■ **Coin holder**

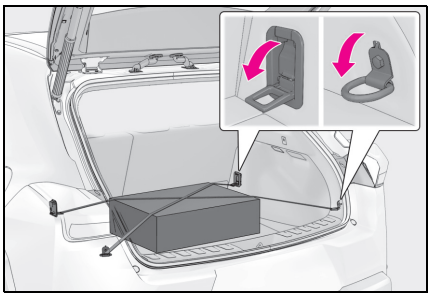
Do not insert coins exceeding the height of the tray. Doing so may prevent opening and closing of the lid.

Luggage compartment features

Cargo hooks

Raise the hooks to use.

The cargo hooks are provided for securing loose items.



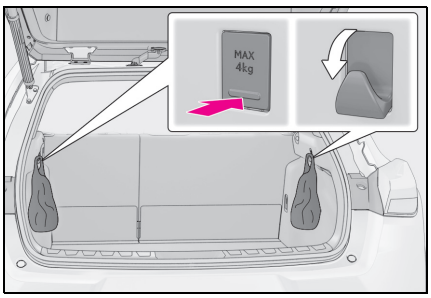
WARNING

■ When cargo hooks are not in use

To avoid injury, always return the hooks to their stowed positions when not in use.

Grocery bag hooks

When using the hooks, press the bottom side to lift it up.



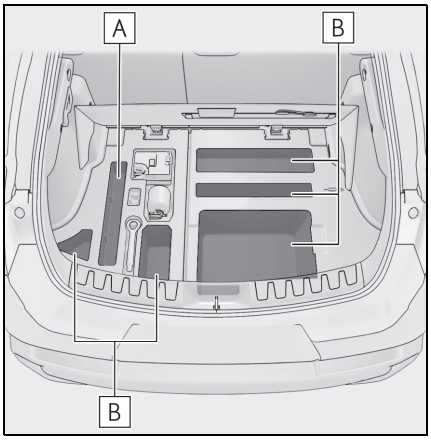
NOTICE

■ To prevent damage to the grocery bag hooks

Do not hang any object heavier than 4kg (9 lb.) on the grocery bag hooks.

Deck under tray

Lift the deck board and attach the string. (→P.442) The following items can be stowed.



A Warning reflector*

B Accessories

*: The warning reflector itself is not included as an original equipment.

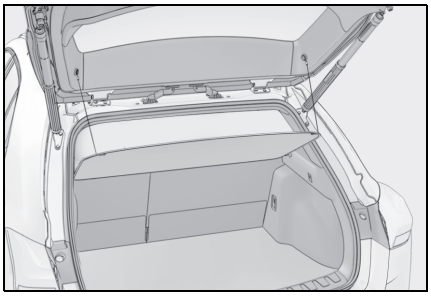
Depending on specifications, some storage spaces may differ from that shown in the illustration.

■ Warning reflector

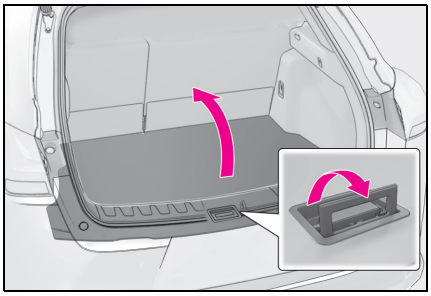
Depending on the size and shape of the warning reflector case, you may not be able to store it.

Deck board

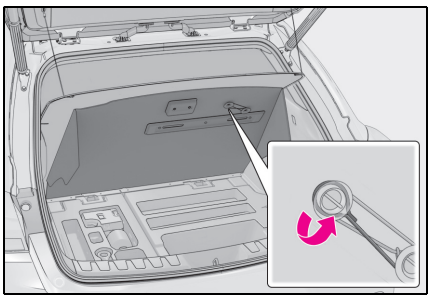
1 Open the back door.



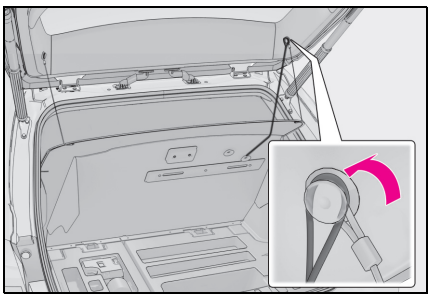
2 Pull the lever upwards and open the deck board.



3 Unhook the string on the backside of the deck board.



4 Attach the string to the luggage cover hook on the back door.



WARNING

■ If the deck boards are opened or removed

Return them to their original positions before driving. In the event of sudden braking, an accident may occur due to an occupant being struck by the deck boards or the items stored in the deck under tray.

NOTICE

■ To prevent damage to the deck board

When closing the back door, do not leave the deck board string attached to the hook.

Luggage cover

■ Installing the luggage cover

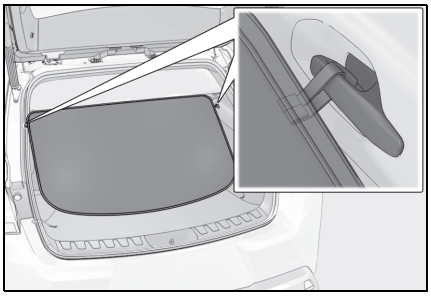
1 Take out the luggage cover from the bag.

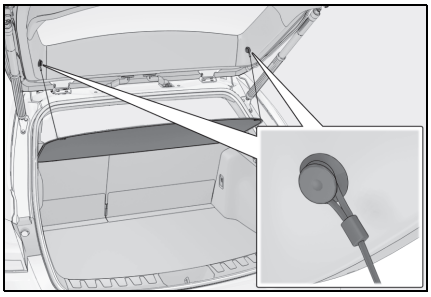
2 Slowly unfold the luggage cover.

3 Attach the strings to the luggage cover hooks.

Make sure that the side the strings are

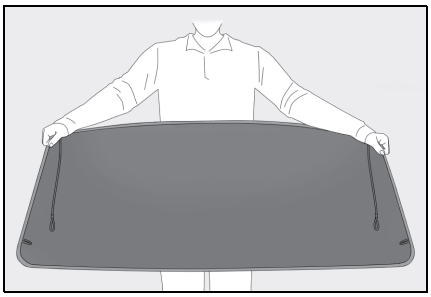
sewn faces down.



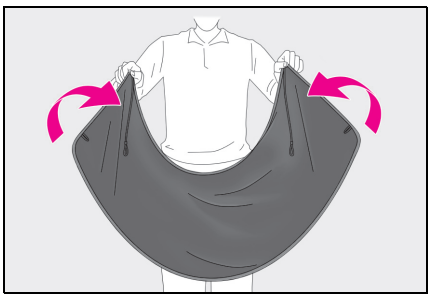


■ Stowing the luggage cover

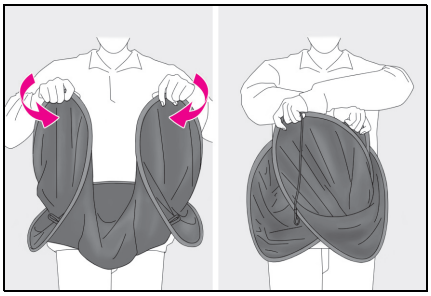
1 Hold the luggage cover corners of the side with the long strings.



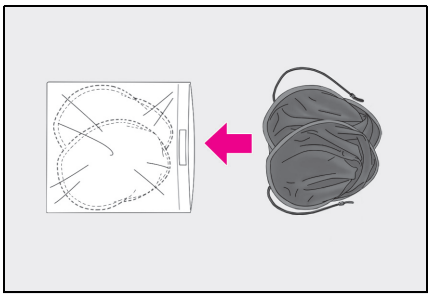
2 Fold it in half.



3 Turn your wrists to fold it.

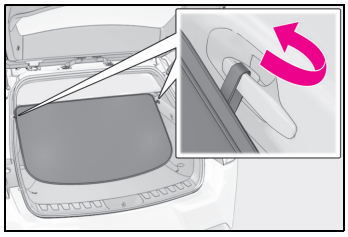


4 Put it in the bag.



■ When removing the luggage cover

Pull the short strings toward you and unhook them.



WARNING

■ When removing and unfolding the luggage cover

Observe the following precautions. Failure to do so may cause the luggage cover to suddenly unfold, resulting in injury.

- When taking out the luggage cover from the bag, securely hold the edges of the luggage cover and slowly take it out.
- When unfolding the luggage cover, hold it securely in both hands and slowly unfold it.
- Do not unfold the luggage cover near your face.
- When unfolding the luggage cover, do not release your hand from the cover.
- Do not unfold the luggage cover near other people.

■ When installing the luggage cover

Observe the following precautions. Failure to do so may cause an accident.

- Make sure that the rear edge of the luggage cover is laying flat to prevent the driver's view from being obstructed.
- Make sure to attach the strings correctly.

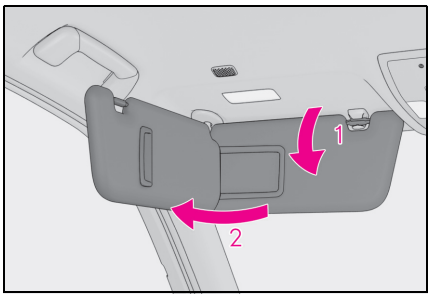
NOTICE

■ When using the luggage cover

- Do not place anything on the luggage cover. Doing so may deform the luggage cover.
- Do not open or close the back door with the strings unhooked. Doing so may cause damage to the luggage cover.
- Do not hook anything other than the luggage cover and deck board strings on the luggage cover hooks. The hooks and back door may be damaged.

Other interior features

Sun visors

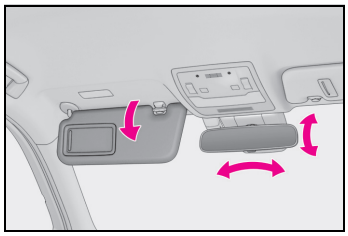


1 To set the visor in the forward position, flip it down.

2 To set the visor in the side position, flip down, unhook, and swing it to the side.

When adjusting the inside rear view mirror

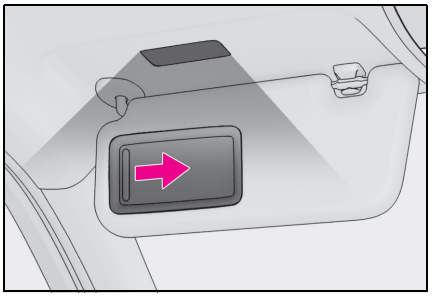
Adjust the inside rear view mirror to enable sufficient confirmation of the rear view without interfering with the sun visor.



Vanity mirrors

Slide the cover to open.

The light turns on when the cover is opened.



Vanity lights

If the vanity lights remain on when the power switch is turned off, the lights will go off automatically after 20 minutes.

NOTICE

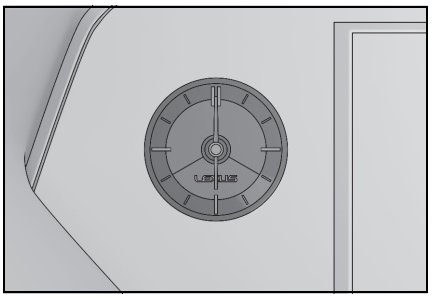
To prevent 12-volt battery discharge

Do not leave the vanity lights on for extended periods while the EV system is off.

Clock

The GPS clock's time is automatically adjusted by utilizing GPS time information.

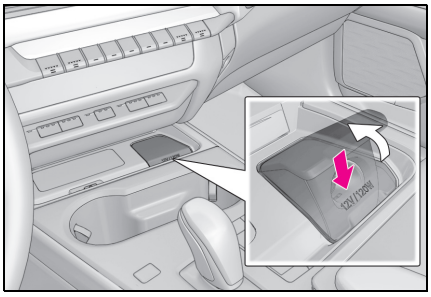
For details, refer to the "NAVIGATION AND MULTIMEDIA SYSTEM OWNER'S MANUAL".



Power outlet

Please use a power supply for electronic goods that use less than 12 VDC/10 A (power consumption of 120 W).
When using electronic goods, make sure that the power consumption of all the connected power outlets is less than 120 W.

Press down the lid to open it.



The power outlet can be used when

The power switch is in ACC or ON.

When stopping the EV system

Disconnect electrical devices with charging functions, such as mobile battery packs.
If such devices are left connected, the EV system may not stop normally.

NOTICE

When power outlet is not in use

To avoid damaging the power outlet, close the power outlet lid when the power outlet is not in use.
Foreign objects or liquids that enter the power outlet may cause a short circuit.

To prevent 12-volt battery discharge

Do not use the power outlet longer than necessary when the EV system is off.

To prevent incorrect operation of the vehicle

When turning the power switch off, make sure to disconnect accessories designed for charging, such as portable chargers, power banks, etc. from the power outlets.

If such an accessory is left connected, the following may occur:

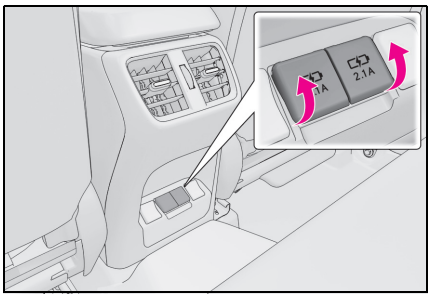
- The doors will not be able to be locked.
- The opening screen will be displayed on the multi-information display.
- The interior lights, instrument panel lights, etc. will illuminate.

USB charging ports

The USB charging ports are used to supply 2.1 A of electricity at 5 V to external devices.
The USB charging ports are for charging only. They are not designed for data transfer or other purposes.
Depending on the external device, it may not charge properly. Refer to the manual included with the device before using a USB charging port.

Using the USB charging ports

Open the lid.



■ **The USB charging ports can be used when**

The power switch is in ACC or ON.

■ **Situations in which the USB charging ports may not operate correctly**

- If a device which consumes more than 2.1 A at 5 V is connected
- If a device designed to communicate with a personal computer, such as a USB memory device, is connected
- If the connected external device is turned off (depending on device)
- If the temperature inside the vehicle is high, such as after the vehicle has been parked in the sun

■ **About connected external devices**

Depending on the connected external device, charging may occasionally be suspended and then start again. This is not a malfunction.

NOTICE

■ **To prevent damage to the USB charging ports**

- Do not insert foreign objects into the ports.
- Do not spill water or other liquids into the ports.
- When the USB charging ports are not in use, close the lids. If a foreign object or liquid enters a port may cause a short circuit.
- Do not apply excessive force to or impact the USB charging ports.
- Do not disassemble or modify the USB charging ports.

■ **To prevent damage to external devices**

- Do not leave external devices in the vehicle. The temperature inside the vehicle may become high, resulting in damage to an external device.
- Do not push down on or apply unnecessary force to an external device or the cable of an external device while it is connected.

■ **To prevent 12-volt battery discharge**

Do not use the USB charging ports for a long period of time with the EV system stopped.

Wireless charger (if equipped)

A portable device, such as a smartphone or mobile battery, can be charged by just placing it on the charging area, provided the device is compatible with the Qi wireless charging standard created by the Wireless Power Consortium.

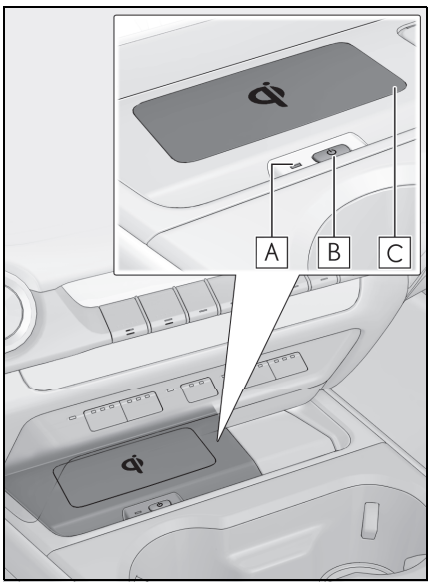
The wireless charger cannot be used with a portable device that is larger than the charging area. Additionally, depending on the portable device, the wireless charger may not operate properly. Refer to the operation manual of the portable device.

■ **The "Qi" symbol**

The "Qi" symbol is a trademark of the Wireless Power Consortium.



■ Name for all parts



A Operation indicator light

B Power supply switch

C Charge area

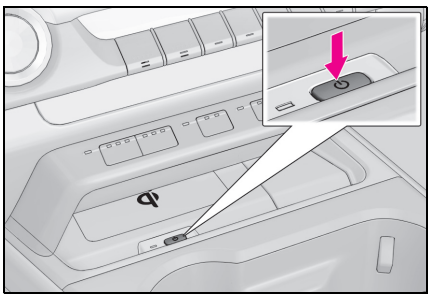
■ Using the wireless charger

1 Press the power supply switch of the wireless charger.

Pressing the switch again turns the wireless charger off.

When turned on, the operation indicator light (green) comes on.

When the power switch is turned off, the on/off state of the wireless charger will be memorized.

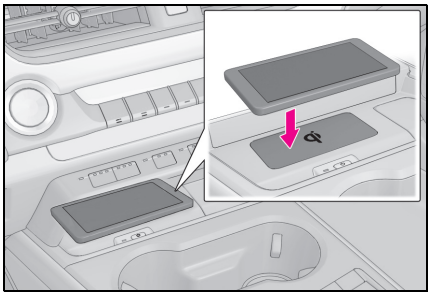


2 Place a portable device on the charging area with its charging surface facing down.

While charging, the operation indicator light (orange) will be illuminated.

If charging does not begin, move the portable device as close to the center of the charging area as possible.

When charging is complete, the operation indicator light (green) will illuminate.



■ Recharging function

- If a certain amount of time has elapsed since charging completed and the portable device has not been moved, the wireless charger will restart charging.
- If the portable device is moved within the charging area, charging will stop temporarily then restart.

■ Operation indicator light status

Operation indicator light	State
Off	The Wireless charger is off
Green (illuminated)	Standby (charging is possible)
	Charging is complete*
Orange (illuminated)	A portable device has been placed on the charging area (identifying the portable device)
	Charging in progress

*: Depending on the portable device, the operation indicator light may stay illuminated (orange) after charging has completed.

● If the operation indicator light blinks

If an error is detected, the operation indicator light will blink (orange). Take the appropriate measures according to the table below.

• Blinks (orange) at a one second interval continuously

Suspected causes	Measure
Vehicle to charger communication failure.	If the power switch is in ACC: Turn the power switch to ON. If the power switch is in ON: Turn the power switch off and then back to ON. If the operation indicator light still blinks after performing the above procedure, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

• Blinks (orange) 3 times repeatedly

Suspected causes	Measure
A foreign object exists between the portable device and charging area.	Remove the foreign object.
Portable device is not positioned properly on the charging area.	Move the portable device toward the center of the charging area.

• Blinks (orange) 4 times repeatedly

Suspected causes	Measure
The temperature of the wireless charger is excessively high.	Stop charging immediately and continue charging after a while.

■ **The wireless charger can be operated when**

The power switch is in ACC or ON.

■ **Portable devices that can be charged**

- Portable devices compatible with the Qi wireless charging standard can be charged by the wireless charger. However, compatibility with all devices which meet the Qi wireless charging standard is not guaranteed.
- The wireless charger is designed to supply low power electricity (5 W or less) to a cellular phone, smartphone, or other portable device.

■ **If a cover or accessory is attached to the portable device**

Do not charge a portable device if a cover or accessory which is not Qi compatible is attached. Depending on the type of cover and/or accessory attached, it may not be possible to charge the portable device. If the portable device is placed on the charging area and does not charge, remove the cover and/or accessories.

■ **Charging precautions**

- If the electronic key cannot be detected in the cabin, charging cannot be performed. When a door is opened and closed, charging may be temporarily suspended.
- While charging, the wireless charger and the portable device will become warm. This is not a malfunction.
  If a portable device becomes warm while charging and charging stops due to the protection function of the portable device, wait until the portable device cools down and charge it again.
- Depending on usage of the portable device, it may not be fully charged. This is not a malfunction.

■ **Sound generated during operation**

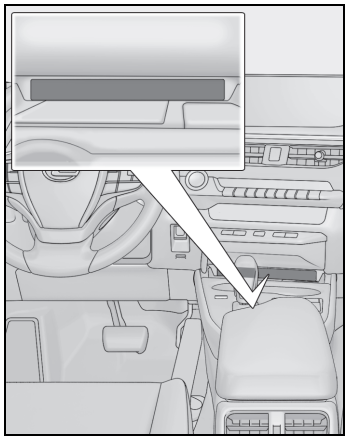
When the power supply switch is turned on or while a portable device is being identified, operation sounds may be heard. This is not a malfunction.

■ **Cleaning the wireless charger**

→P.458

■ **Label indicating precautions for using the wireless charger**

There is a label on the vehicle front side of the wireless charger. Follow the instructions on the label.



WARNING

■ **Caution while driving**

When charging a portable device while driving, for safety reasons, the driver should not operate the portable device.

■ **Caution regarding interference with electronic devices**

People who use cardiac pacemakers should use the wireless charger separated from the installation part of the cardiac pacemaker by 22 cm (8.7 in.) or more.

■ **To prevent damage or burns**

Observe the following precautions.

Failure to do so may result in the possibility of fire, equipment failure or damage, or burns due to heat.

- Do not put any metallic objects between the charging area and the portable device while charging.

WARNING

- Do not place containers with liquid such as water on the wireless charger.
- Do not attach metallic objects, such as aluminum stickers, to the charging area.
- Do not cover the wireless charger with a cloth or other object while charging.
- Do not attempt to charge portable devices which are not compatible with the Qi wireless charging standard.
- Do not disassemble, modify or remove the wireless charger.
- Do not apply force or impact to the wireless charger.

NOTICE

■ Conditions in which the wireless charger may not operate correctly

In the following situations, the wireless charger may not operate correctly:

- When a portable device is fully charged
- When there is a foreign object between the charging area and portable device
- When a portable device becomes hot while charging
- When a portable device is placed on the charging area with its charging surface facing up
- When a portable device is not centered on the charging area
- When the vehicle is 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 the portable device is in contact with, or is covered by any of the following metallic objects
  - Cards to which aluminum foil is attached
  - Cigarette boxes that have aluminum foil inside
  - Metallic wallets or bags
  - Coins
  - Metal hand warmers
  - Media such as CDs and DVDs
- When wireless keys (that emit radio waves) other than those of your vehicle are being used nearby.

If in situations other than above the wireless charger does not operate properly or the operation indicator light is blinking, the wireless charger may be malfunctioning. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ To prevent failure or damage to data

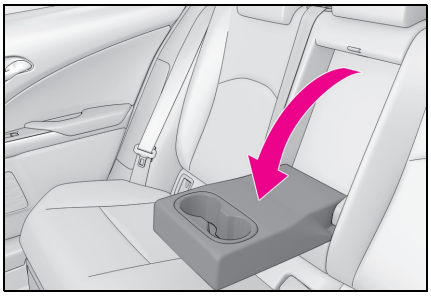
- Do not bring magnetic cards, such as a credit card, a contactless IC card, or magnetic recording media, close to the wireless charger while charging. Otherwise, data may be erased due to the influence of magnetism. Additionally, do not bring precision instruments such as wrist watches, close to the wireless charger, as such objects may malfunction.
- Do not leave portable devices in the cabin. The temperature inside the cabin may become high when parked in the sun, and cause damage to the device.

■ To prevent 12-volt battery discharge

Do not use the wireless charger for a long period of time with the EV system is stopped.

Armrest

Fold down the armrest for use.



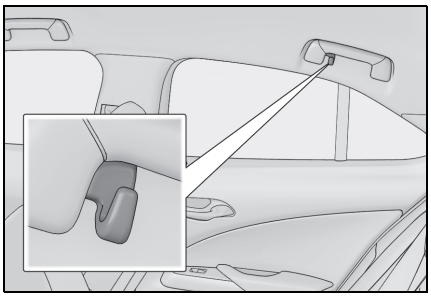
NOTICE

■ To prevent damage to the armrest

Do not apply too much load on the armrest.

Coat hooks

The coat hooks are provided with the rear assist grips.



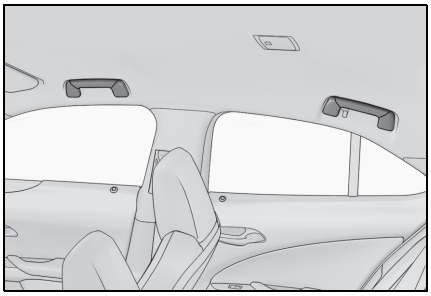
WARNING

■ Items that must not be hung on the hook

Do not hang coat hangers or other hard or sharp objects on the hook. If the SRS curtain shield airbags deploy, these items may become projectiles, causing death or serious injury.

Assist grips

An assist grip installed on the ceiling can be used to support your body while sitting on the seat.



WARNING

■ Assist grips

Do not use the assist grip when getting in or out of the vehicle or rising from your seat.

NOTICE

■ To prevent damage to the assist grip

Do not hang any heavy object or put a heavy load on the assist grip.

7-1. Maintenance and care

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Cleaning and protecting the vehicle exterior

Perform cleaning in a manner appropriate to each component and its material.

Cleaning instructions

- Working from top to bottom, liberally apply water to the vehicle body, wheel wells and underside of the vehicle to remove any dirt and dust.
- Wash the vehicle body using a sponge or soft cloth, such as a chamois.
- For hard-to-remove marks, use car wash soap and rinse thoroughly with water.
- Wipe away any water.
- Wax the vehicle when the waterproof coating deteriorates.

If water does not bead on a clean surface, apply wax when the vehicle body is cool.

■ Self-restoring coat

The vehicle body has a self-restoring coating that is resistant to small surface scratches caused in a car wash, etc.

- The coating lasts for 5 to 8 years from when the vehicle is delivered from the plant.
- The restoration time differs depending on the depth of the scratch and outside temperature. The restoration time may become shorter when the coating is warmed by applying warm water.
- Deep scratches caused by keys, coins, etc., cannot be restored.
- Do not use wax that contain abrasives.

■ Automatic car washes

- Before washing the vehicle:
  - Fold the mirrors
  - Turn off the power back door (if equipped)

Start washing from the front of the vehicle.
Extend the mirrors before driving.

- Brushes used in automatic car washes may scratch the vehicle surface, parts (wheel, etc.) and harm your vehicle's paint.
- Rear spoiler may not be washable in some automatic car washes. There may also be an increased risk of damage to vehicle.
- If the power switch is changed to ACC with the shift position maintained in the N position, refer to P.299.

■ High pressure car washes

As water may enter the cabin, do not bring the nozzle tip near the gaps around the doors or perimeter of the windows, or spray these areas continuously.

■ Note for a smart entry & start system (if equipped)

- If the door handle becomes wet while the electronic key is within the effective range, the door may lock and unlock repeatedly. In that case, follow the following correction procedures to wash the vehicle:
  - Place the key in a position 2 m (6 ft.) or more separate from the vehicle while the vehicle is being washed. (Take care to ensure that the key is not stolen.)
  - Set the electronic key to battery-saving mode to disable the smart entry & start system. (→P.208)
- If the electronic key is inside the vehicle and a door handle becomes wet during a car wash, a buzzer may sound outside the vehicle and "Key Detected In Vehicle" may be shown on the multi-information display. To turn off the alarm, lock all the doors.

■ **Wheels and wheel ornaments**

● Remove any dirt immediately by using a neutral detergent.

● Wash detergent off with water immediately after use.

● To protect the paint from damage, make sure to observe the following precautions.

- Do not use acidic, alkaline or abrasive detergent.
- Do not use hard brushes.
- Do not use detergent on the wheels when they are hot, such as after driving or parking in hot weather.

■ **Bumpers**

Do not scrub with abrasive cleaners.

■ **Front side windows water-repellent coating**

● The following precautions can extend the effectiveness of the water-repellent coating.

- Remove any dirt, etc., from the front side windows regularly.
- Do not allow dirt and dust to accumulate on the windows for a long period.

Clean the windows with a soft, damp cloth as soon as possible.

- Do not use wax or glass cleaners that contain abrasives when cleaning the windows.
- Do not use any metallic objects to remove condensation build up.

● When the water-repellent performance has become insufficient, the coating can be repaired. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **Plated portions**

If dirt cannot be removed, clean the parts as follows:

● Use a soft cloth dampened with an approximately 5% solution of neutral detergent and water to clean the dirt off.

● Wipe the surface with a dry, soft cloth to remove any remaining moisture.

● To remove oily deposits, use alcohol wet wipes or a similar product.

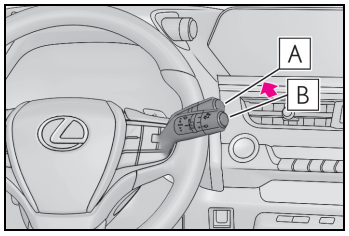
WARNING

■ **When washing the vehicle**

Do not apply water to the inside of the motor compartment. Doing so may cause the electrical components, etc. to catch fire.

■ **When cleaning the windshield (vehicles with rain-sensing windshield wipers)**

Set the wiper switch to off.
If the wiper switch is in AUTO, the wipers may operate unexpectedly in the following situations, and may result in hands being caught or other serious injuries and cause damage to the wiper blades.



A Off

B AUTO

● When the upper part of the windshield where the raindrop sensor is located is touched by hand

● When a wet rag or similar is held close to the raindrop sensor

● If something bumps against the windshield

● If you directly touch the raindrop sensor body or if something bumps into the raindrop sensor

WARNING

■ Precaution regarding the rear bumper

If the paint of the rear bumper is chipped or scratched, the following systems may not function correctly. If this occurs, consult any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- Lexus Safety System +
- BSM (if equipped)
- RCTA (if equipped)
- PKSB (if equipped)

NOTICE

■ To prevent paint deterioration and corrosion on the body and components (aluminum wheels, etc.)

- Wash the vehicle immediately in the following cases:
  - After driving near the sea coast
  - After driving on salted roads
  - If coal tar or tree sap is present on the paint surface
  - If dead insects, insect droppings or bird droppings are present on the paint surface
  - After driving in an area contaminated with soot, oily smoke, mine dust, iron powder or chemical substances
  - If the vehicle becomes heavily soiled with dust or mud
  - If liquids such as benzene and gasoline are spilled on the paint surface
- If the paint is chipped or scratched, have it repaired immediately.
- To prevent the wheels from corroding, remove any dirt and store in a place with low humidity when storing the wheels.

■ Cleaning the exterior lights

- Wash carefully. Do not use organic substances or scrub with a hard brush. This may damage the surfaces of the lights.
- Do not apply wax to the surfaces of the lights.
  Wax may cause damage to the lenses.

■ When using an automatic car wash (vehicles with rain-sensing windshield wipers)

Set the wiper switch to the off position. If the wiper switch is in AUTO, the wipers may operate and the wiper blades may be damaged.

■ When using a high pressure car wash

- When washing the vehicle, do not let water of the high pressure washer hit directly or the vicinity of the camera. Due to the shock from the high pressure water, it is possible the device may not operate as normal.
- Do not bring the nozzle tip close to boots (rubber or resin manufactured cover), connectors or the following parts. The parts may be damaged if they come into contact with high-pressure water.
  - Traction related parts
  - Steering parts
  - Suspension parts
  - Brake parts
- Keep the cleaning nozzle at least 30 cm (11.9 in.) away from the vehicle body. Otherwise resin section, such as moldings and bumpers, may be deformed and damaged. Also, do not continuously hold the nozzle in the same place.

NOTICE

- Do not spray the lower part of the windshield continuously.
  If water enters the air conditioning system intake located near the lower part of the windshield, the air conditioning system may not operate correctly.
- Do not wash the underside of the vehicle using a high pressure car washer. If water enters the traction battery, the EV system may malfunction.

Cleaning and protecting the vehicle interior

Perform cleaning in a manner appropriate to each component and its material.

Protecting the vehicle interior

- Remove dirt and dust using a vacuum cleaner. Wipe dirty surfaces with a cloth dampened with lukewarm water.
- If dirt cannot be removed, wipe it off with a soft cloth dampened with neutral detergent diluted to approximately 1%.
  Wring out any excess water from the cloth and thoroughly wipe off remaining traces of detergent and water.

Shampooing the carpets

There are several commercial foaming-type cleaners available. Use a sponge or brush to apply the foam. Rub in overlapping circles. Do not use water. Wipe dirty surfaces and let them dry. Excellent results are obtained by keeping the carpet as dry as possible.

Handling the seat belts

Clean with mild soap and lukewarm water using a cloth or sponge. Also check the belts periodically for excessive wear, fraying or cuts.

Front side windows with UV protective coating (vehicles with UV protective coating)

The front side windows have UV protective coating. To prevent any damage to the UV protective coating, observe the following:

- If the windows are dirty, gently wipe them with a cloth soaked in water or lukewarm water as soon as possible.
- If the windows are very dirty, do not open and close them repeatedly.

WARNING

■ Water in the vehicle

- Do not splash or spill liquid in the vehicle.
  Doing so may cause the electrical components, etc., to malfunction or catch fire.
- Do not get any of the SRS components or wiring in the vehicle interior wet. (→P.36)
  An electrical malfunction may cause the airbags to deploy or not function properly, resulting in death or serious injury.
- Vehicles with wireless charger: Do not let the wireless charger (→P.447) get wet. Failure to do so may cause the charger to become hot and cause burns or could cause electric shock resulting in death or serious injury.

■ Cleaning the interior (especially instrument panel)

Do not use a polish wax or polish cleaner. The instrument panel may reflect off the windshield, obstructing the driver's view and leading to an accident, resulting in death or serious injury.

NOTICE

■ Cleaning detergents

- Do not use the following types of detergent, as they may discolor the vehicle interior or cause streaks or damage to painted surfaces:
  - Non-seat portions: Organic substances such as benzene or gasoline, alkaline or acidic solutions, dye, and bleach
  - Seats: Alkaline or acidic solutions, such as thinner, benzene, and alcohol
- Do not use a polish wax or polish cleaner. The instrument panel's or other interior part's painted surface may be damaged.

■ Water on the floor

Do not wash the vehicle floor with water. Vehicle systems such as the audio system may be damaged if water comes into contact with electrical components such as the audio system above or under the floor of the vehicle. Water may also cause the body to rust.

■ When cleaning the inside of the windshield

Do not allow glass cleaner to contact the lens. Also, do not touch the lens. (→P.324)

■ Cleaning the inside of the rear window

- Do not use a glass cleaner to clean the rear window, as this may cause damage to the rear window defogger heater wires or antenna. Use a cloth dampened with lukewarm water to gently wipe the window clean. Wipe the window in strokes running parallel to the heater wires or antenna.
- Be careful not to scratch or damage the heater wires or antenna.

NOTICE

■ Cleaning the front side windows

Do not use any compound or abrasive product (e.g., glass cleaner, detergent, wax) to clean the windows. It may damage the coating.

Cleaning the areas with satin-finish metal accents

- Remove dirt using a water-dampened soft cloth or synthetic chamois.
- Wipe the surface with a dry soft cloth to remove any remaining moisture.

■ Cleaning the areas with satin-finish metal accents

The metal areas use a layer of real metal for the surface. It is necessary to clean them regularly. If dirty areas are left uncleaned for long periods of time, they may be difficult to clean.

Cleaning the leather areas

■ Cleaning the leather

- Remove dirt and dust using a vacuum cleaner.
- Wipe off any excess dirt and dust with a soft cloth dampened with diluted detergent.
  Use a diluted water solution of approximately 5% neutral wool detergent.
- Wring out any excess water from the cloth and thoroughly wipe off all remaining traces of detergent.
- Wipe the surface with a dry, soft cloth to remove any remaining moisture.
  Allow the leather to dry in a shaded and ventilated area.

■ Cleaning the synthetic leather

- Remove dirt and dust using a vacuum cleaner.
- If the area gets dirty, wipe it off with a soft cloth dampened with water and wrung out.
- If dirt cannot be removed by wiping with water, wipe it off using cleaner for leather.

■ Caring for leather areas

Lexus recommends cleaning the interior of the vehicle at least twice a year to maintain the quality of the vehicle's interior.

■ Dirt on the synthetic leather areas

Ingrained dirt which has been left uncleaned for long periods of time is difficult to clean. Lexus recommends cleaning the area regularly.

NOTICE

■ Preventing damage to leather surfaces

Observe the following precautions to avoid damage to and deterioration of leather surfaces:

- Remove any dust or dirt from leather surfaces immediately.
- Do not expose the vehicle to direct sunlight for extended periods of time. Park the vehicle in the shade, especially during summer.
- Do not place items made of vinyl, plastic, or containing wax on the upholstery, as they may stick to the leather surface if the vehicle interior heats up significantly.

Maintenance requirements

To ensure safe and economical driving, day-to-day care and regular maintenance are essential. Lexus recommends the following maintenance:

Where to go for maintenance service?

In order to maintain your vehicle in the best possible condition, Lexus recommends that maintenance service operations as well as other inspections and repairs be carried out by authorized Lexus retailers or Lexus authorized repairers, or any reliable repairers. For repairs and services covered by your warranty, please visit an authorized Lexus retailer or repairer, who will use genuine Lexus parts in repairing any difficulties you may encounter. There can also be advantages in utilizing authorized Lexus retailer or repairers for non-warranty repairs and services, as members of the Lexus network will be able to expertly assist you with any difficulties you may encounter. Your Lexus retailer or Lexus authorized repairer, or any reliable repairer will perform all of the scheduled maintenance on your vehicle reliably and economically due to their experience with Lexus vehicles.

WARNING

If your vehicle is not properly maintained

Improper maintenance could result in serious damage to the vehicle and possible serious injury or death.

Handling of the 12-volt battery

12-volt battery posts, terminals and related accessories contain lead and lead compounds which are known to cause brain damage. Wash your hands after handling. (→P.468)

Scheduled maintenance

Scheduled maintenance should be performed at specified intervals according to the maintenance schedule.

For full details of your maintenance schedule, refer to the “Lexus Service Booklet” or “Lexus Warranty Booklet”.

Do-it-yourself maintenance

What about do-it-yourself maintenance?

Many maintenance items are easy to do yourself if you have a little mechanical ability and a few basic automotive tools. Note, however, that some maintenance tasks require special tools and skills. These are best performed by qualified technicians. Even if you’re an experienced do-it-yourself mechanic, we recommend that repairs and maintenance be conducted by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer. Any authorized Lexus retailer or repairer will keep a record of maintenance, which could be useful should you ever require Warranty Service. Should you choose to select a qualified and equipped professional other than an authorized Lexus repairer to service or maintain your vehicle, we recommend that you request that a record of maintenance be kept.

Does your vehicle need repairs?

Be on the alert for changes in performance and sounds, and visual tip-offs that indicate service is needed. Some important clues are:

- Appreciable loss of power
- Strange noises

- A fluid leak under the vehicle (However, water dripping from the air conditioning system after use is normal.)
- Flat-looking tires, excessive tire squeal when cornering, uneven tire wear
- Vehicle pulls to one side when driven straight on a level road
- Strange noises related to suspension movement
- Loss of brake effectiveness, spongy feeling brake pedal, pedal almost touches the floor, vehicle pulls to one side when braking

If you notice any of these clues, take your vehicle to any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as soon as possible. Your vehicle may need adjustment or repair.

Do-it-yourself service precautions

If you perform maintenance by yourself, be sure to follow the correct procedure as given in these sections.

Maintenance

Items	Parts and tools
12-volt battery condition (→P.468)	• Warm water • Baking soda • Grease • Conventional wrench (for terminal clamp bolts) • Distilled water
Power control unit/heater coolant level (→P.466, 468)	• "Toyota Super Long Life Coolant" or a similar high quality ethylene glycol-based non-silicate, non-amine, non-nitrite and non-borate coolant with long-life hybrid organic acid technology "Toyota Super Long Life Coolant" is premixed with 50% coolant and 50% deionized water. • Funnel (used only for adding coolant)
Fuses (→P.498)	• Fuse with same amperage rating as original
Light bulbs (→P.501)	• Bulb with same number and wattage rating as original
Radiator and condenser (→P.467)	–
Tire inflation pressure (→P.492)	• Tire pressure gauge • Compressed air source
Washer fluid (→P.470)	• Water or washer fluid containing antifreeze (for winter use) • Funnel (used only for adding water or washer fluid)

WARNING

The motor compartment contains many mechanisms and fluids that may move suddenly, become hot, or become electrically energized. To avoid death or serious injury, observe the following precautions.

■ When working on the motor compartment

- Make sure that "IGNITION ON" on the multi-information display and the "READY" indicator are both off.
- Keep hands, clothing and tools away from the moving fans.
- Be careful not to touch the motor, power control unit, radiator, etc., right after driving as they may be hot. Coolant and other fluids may also be hot.
- Do not leave anything that may burn easily, such as paper and rags, in the motor compartment.
- Do not smoke, cause sparks or expose an open flame to the 12-volt battery. 12-volt battery fumes are flammable.

WARNING

- Be extremely cautious when working on the 12-volt battery. It contains poisonous and corrosive sulfuric acid.
- Never touch, disassemble, remove or replace the high voltage parts, cables and their connectors. It can cause severe burns or electric shock that may result in death or serious injury.
- Take care because brake fluid can harm your hands or eyes and damage painted surfaces. If fluid gets on your hands or in your eyes, flush the affected area with clean water immediately. If you still experience discomfort, consult a doctor.

■ When working near the electric cooling fans or radiator grille

Be sure the power switch is OFF.
With the power switch in ON, the electric cooling fans may automatically start to run if the air conditioning is on and/or the coolant temperature is high.
(→P.467)

■ Safety glasses

Wear safety glasses to prevent flying or falling material, fluid spray, etc., from getting in your eyes.

NOTICE

■ If the fluid level is low or high

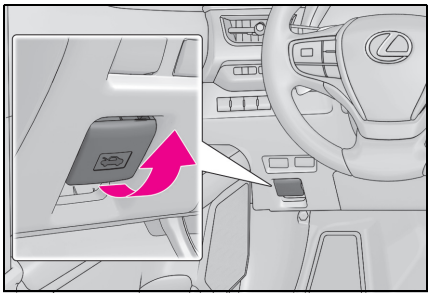
It is normal for the brake fluid level to go down slightly as the brake pads wear or when the fluid level in the accumulator is high.
If the reservoir needs frequent refilling, it may indicate a serious problem.

Hood

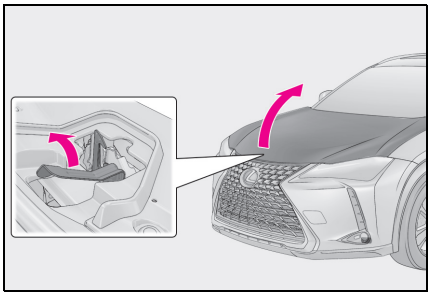
Opening the hood

1 Pull the hood lock release lever.

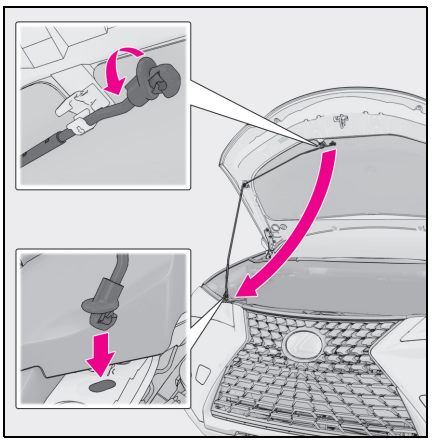
The hood will pop up slightly.



2 Pull up the auxiliary catch lever and lift the hood.



3 Hold the hood open by inserting the supporting rod into the slot.



WARNING

■ Pre-driving check

Check that the hood is fully closed and locked.
If the hood is not locked properly, it may open while the vehicle is in motion and cause an accident, which may result in death or serious injury.

■ After installing the support rod into the slot

Make sure the rod is properly inserted into the slot to prevent the hood from shutting on your head or body.

NOTICE

■ When closing the hood

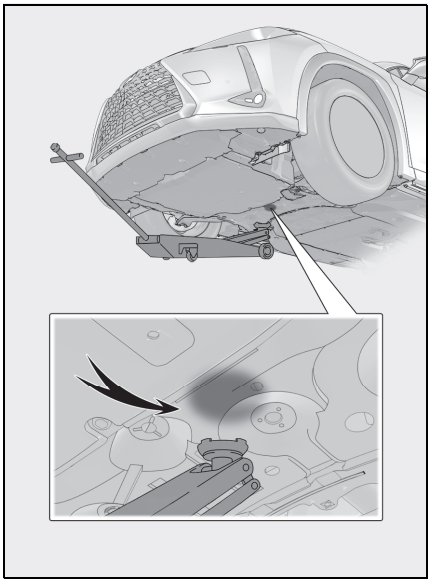
Be sure to return the support rod to its clip before closing the hood. Closing the hood without returning the support rod properly may cause the hood to be damaged.

Positioning a floor jack

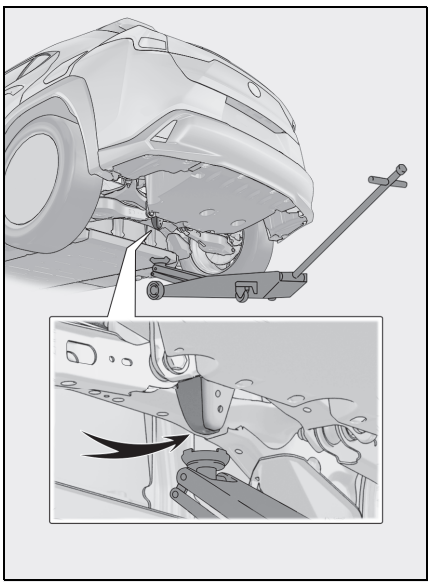
When using a floor jack, follow the instructions in the manual provided with the jack and perform the operation safely.
When raising your vehicle with a floor jack, position the jack correctly. Improper placement may damage your vehicle or cause injury.

Location of the jack point

■ Front

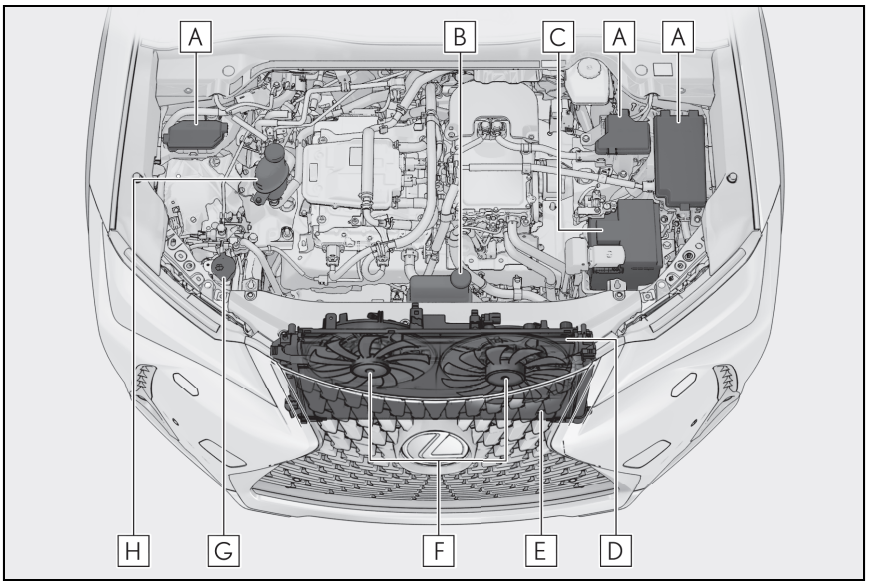


■ Rear



Motor compartment

Components



A Fuse boxes (→P.498)

B Power control unit coolant reservoir (→P.466)

C 12-volt battery (→P.468)

D Radiator (→P.467)

E Condenser (→P.467)

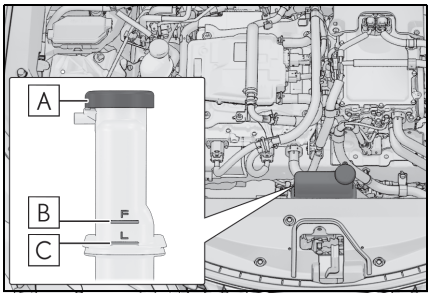
F Electric cooling fans

G Washer fluid tank (→P.470)

H Heater coolant reservoir (→P.468)

Checking the power control unit coolant

The coolant level is satisfactory if it is between the “F” and “L” lines on the reservoir when the EV system is cold.



A Reservoir cap

B "F" line

C "L" line

If the level is on or below the "L" line, add coolant up to the "F" line. (→P.546)

■ Coolant selection

Only use "Toyota Super Long Life Coolant" or a similar high quality ethylene glycol based non-silicate, non-amine, non-nitrite, and non-borate coolant with long-life hybrid organic acid technology.

"Toyota Super Long Life Coolant" is a mixture of 50% coolant and 50% deionized water.
(Minimum temperature: -35°C [-31°F])

For more details about coolant, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ If the coolant level drops within a short time of replenishing

Visually check the radiator, hoses, power control unit coolant reservoir caps, drain cock and water pump.

If you cannot find a leak, have any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer, test the cap and check for leaks in the cooling system.

WARNING

■ When the EV system is hot

Do not remove the power control unit coolant reservoir caps.

The cooling system may be under pressure and may spray hot coolant if the cap is removed, causing serious injuries, such as burns.

NOTICE

■ When adding coolant

Coolant is neither plain water nor straight antifreeze. The correct mixture of water and antifreeze must be used to provide proper lubrication, corrosion protection and cooling. Be sure to read the antifreeze or coolant label.

■ If you spill coolant

Be sure to wash it off with water to prevent it from damaging parts or paint.

Checking the radiator and condenser

Check the radiator and condenser and clear away any foreign objects.

If either of the above parts is extremely dirty or you are not sure of their condition, have your vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

WARNING

■ When the EV system is hot

Do not touch the radiator or condenser as they may be hot and cause serious injuries, such as burns.

WARNING

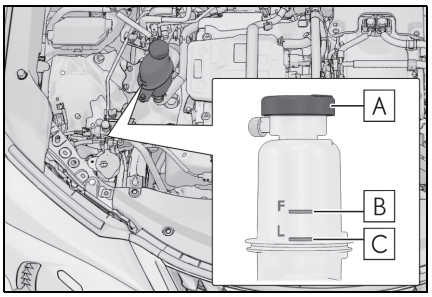
■ When the electric cooling fans are operating

Do not touch the motor compartment.

With the power switch in ON, the electric cooling fans may automatically start to run if the air conditioning is on and/or the coolant temperature is high. Be sure the power switch is OFF when working near the electric cooling fans or radiator grille.

Checking the heater coolant

The coolant level is satisfactory if it is between the "F" and "L" lines on the reservoir when the EV system is cold.



A Reservoir cap

B "F" line

C "L" line

If the level is on or below the "L" line, add coolant up to the "F" line.

■ Coolant selection

Only use "Toyota Super Long Life Coolant" or a similar high quality ethylene glycol based non-silicate, non-amine, non-nitrite, and non-borate coolant with long-life hybrid organic acid technology.

"Toyota Super Long Life Coolant" is a mixture of 50% coolant and 50% deionized water. (Minimum temperature: -35°C [-31°F])

For more details about coolant, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ If the coolant level drops within a short time of replenishing

Visually check the hoses, heater coolant reservoir caps, drain cock and water pump.

If you cannot find a leak, have any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer, test the cap and check for leaks in the cooling system.

WARNING

■ When the heater system is hot

Do not remove the heater coolant reservoir caps.

The heater system may be under pressure and may spray hot coolant if the cap is removed, causing serious injuries, such as burns.

NOTICE

■ When adding coolant

Coolant is neither plain water nor straight antifreeze. The correct mixture of water and antifreeze must be used to provide proper lubrication, corrosion protection and cooling. Be sure to read the antifreeze or coolant label.

■ If you spill coolant

Be sure to wash it off with water to prevent it from damaging parts or paint.

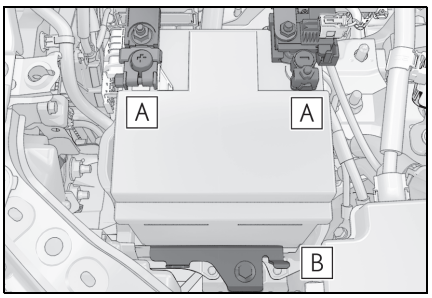
Checking the 12-volt battery

Check the 12-volt battery as follows.

■ 12-volt battery exterior

Make sure that the 12-volt battery terminals are not corroded and that there are no loose connections, cracks, or

loose clamps.

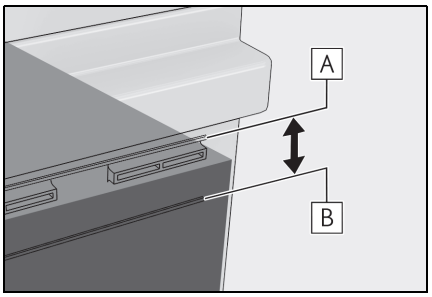


A Terminals

B Hold-down clamp

■ **Checking 12-volt battery fluid**

Check that the level is between the "UPPER LEVEL" and "LOWER LEVEL" lines.



A "UPPER LEVEL" line

B "LOWER LEVEL" line

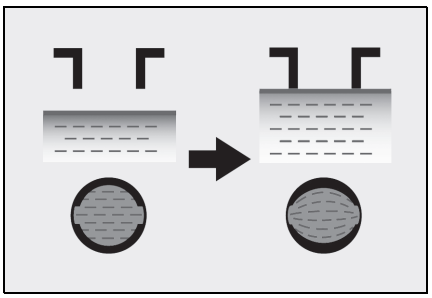
If the fluid level is at or below the "LOWER LEVEL" line, add distilled water.

■ **Adding distilled water**

1 Remove the vent plug.

2 Add distilled water.

If the "UPPER LEVEL" cannot be seen, check the fluid level by looking directly at the cell.



3 Put the vent plug back on and close it securely.

■ **Before recharging**

When recharging, the 12-volt battery produces hydrogen gas which is flammable and explosive. Therefore, observe the following precautions before recharging:

- If recharging with the 12-volt battery installed on the vehicle, be sure to disconnect the ground cable.
- Make sure the power switch on the charger is off when connecting and disconnecting the charger cables to the 12-volt battery.

■ **After recharging/reconnecting the 12-volt battery**

- The EV system may not start. Follow the procedure below to initialize the system.

1 Shift the shift position to P.

2 Open and close any of the doors.

3 Restart the EV system.

- Unlocking the doors using the smart entry & start system may not be possible immediately after reconnecting the 12-volt battery. If this happens, use the wireless remote control or the mechanical key to lock/unlock the doors.
- Start the EV system with the power switch in ACC. The EV system may not start with the power switch turned off. However, the EV system will operate normally from the second attempt.
- The power switch mode is recorded by the vehicle. If the 12-volt battery is dis-

connected and reconnected, the vehicle will return the power switch mode to the status it was in before the 12-volt battery was disconnected. Make sure to turn off the power switch before disconnecting the 12-volt battery. Take extra care when connecting the 12-volt battery if the power switch mode prior to the 12-volt battery being disconnected is unknown.

If the EV system will not start even after multiple attempts at all the methods above, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

WARNING

■ Chemicals in the 12-volt battery

Batteries contain poisonous and corrosive sulfuric acid and may produce hydrogen gas which is flammable and explosive. To reduce the risk of death or serious injury, take the following precautions while working on or near the 12-volt battery:

- Do not cause sparks by touching the 12-volt battery terminals with tools.
- Do not smoke or light a match near the 12-volt battery.
- Avoid contact with eyes, skin and clothes.
- Never inhale or swallow electrolyte.
- Wear protective safety glasses when working near the 12-volt battery.
- Keep children away from the 12-volt battery.

■ Where to safely charge the 12-volt battery

Always charge the 12-volt battery in an open area. Do not charge the 12-volt battery in a garage or closed room where there is insufficient ventilation.

■ Emergency measures regarding electrolyte

- If electrolyte gets in your eyes
  Flush your eyes with clean water for at least 15 minutes and get immediate medical attention. If possible, continue to apply water with a sponge or cloth while traveling to the nearest medical facility.
- If electrolyte gets on your skin
  Wash the affected area thoroughly. If you feel pain or burning, get medical attention immediately.
- If electrolyte gets on your clothes
  It can soak through clothing on to your skin. Immediately take off the clothing and follow the procedure above if necessary.
- If you accidentally swallow electrolyte
  Drink a large quantity of water or milk. Get emergency medical attention immediately.

■ When there is insufficient 12-volt battery fluid

Do not use if there is insufficient fluid in the 12-volt battery. There is a possible danger that the 12-volt battery may explode.

NOTICE

■ When recharging the 12-volt battery

Never recharge the 12-volt battery while the EV system is operating. Also, be sure all accessories are turned off.

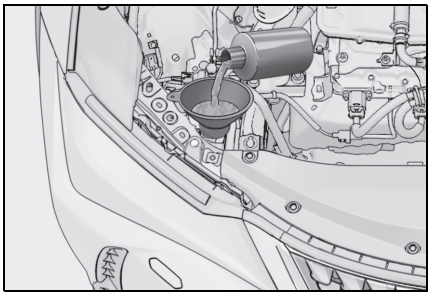
■ When adding distilled water

Avoid overfilling. Water spilled during 12-volt battery recharging may cause corrosion.

Adding the washer fluid

If none of the washer do not work or the “Windshield Washer Fluid Low”

appears on the multi-information display, the washer tank may be empty. Add washer fluid.



WARNING

■ When adding washer fluid

Do not add washer fluid when the EV system is hot or operating as washer fluid contains alcohol and may catch fire if spilled on the motor, etc.

NOTICE

■ Do not use any fluid other than washer fluid

Do not use soapy water or antifreeze instead of washer fluid.
Doing so may cause streaking on the vehicle's painted surfaces, as well as damaging the pump leading to problems of the washer fluid not spraying.

■ Diluting washer fluid

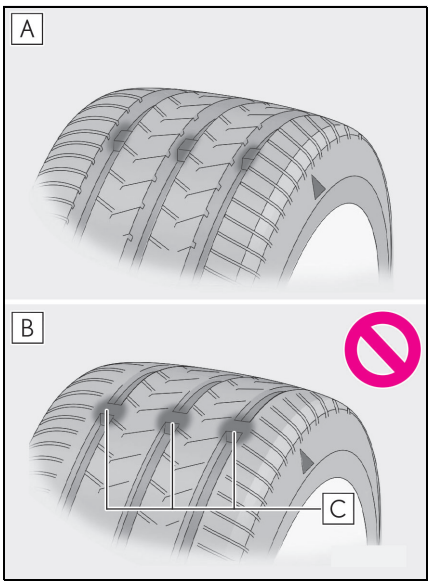
Dilute washer fluid with water as necessary.
Refer to the freezing temperatures listed on the label of the washer fluid bottle.

Tires

Replace or rotate tires in accordance with maintenance schedules and treadwear.

Checking tires

Check if the treadwear indicators are showing on the tires. Also check the tires for uneven wear, such as excessive wear on one side of the tread.



A New tread

B Worn tread

C Treadwear indicator

The location of treadwear indicators is shown by a "TWI" or " △ " mark, etc., molded into the sidewall of each tire.
Replace the tires if the treadwear indicators are showing on a tire.

■ When to replace your vehicle's tires

Tires should be replaced if:

- The treadwear indicators are showing on a tire.
- You have tire damage such as cuts, splits, cracks deep enough to expose the fabric, and bulges indicating internal damage
- A tire goes flat repeatedly or cannot be properly repaired due to the size or location of a cut or other damage

If you are not sure, consult any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ Tire life

Any tire over 6 years old must be checked by a qualified technician even if it has seldom or never been used or damage is not obvious.

■ If the tread on snow tires wears down below 4 mm (0.16 in.)

The effectiveness of the tires as snow tires is lost.

■ Replacing tires

Your vehicle may not be equipped with the following tools and jack for replacing a tire. In this case, when replacing tires, purchase tools and jack. Tools and jack can be purchased at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- Wheel nut wrench
- Jack
- Jack handle

WARNING

■ When inspecting or replacing tires

Observe the following precautions to prevent accidents.
Failure to do so may cause damage to parts of the drivetrain as well as dangerous handling characteristics, which may lead to an accident resulting in death or serious injury.

- Do not mix tires of different makes, models or tread patterns.
  Also, do not mix tires of remarkably different treadwear.
- Do not use tire sizes other than those recommended by Lexus.
- Do not mix differently constructed tires (radial, bias-belted or bias-ply tires).
- Do not mix summer, all season and snow tires.
- Do not use tires that have been used on another vehicle.
  Do not use tires if you do not know how they were used previously.
- Do not tow anything if a tire that has been repaired using the emergency tire puncture repair kit is installed. The load on the tire may cause unexpected damage to the tire.

NOTICE

■ Driving on rough roads

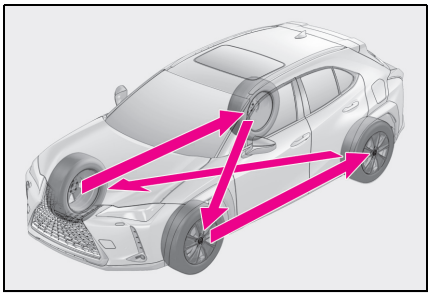
Take particular care when driving on roads with loose surfaces or potholes. These conditions may cause losses in tire inflation pressure, reducing the cushioning ability of the tires. In addition, driving on rough roads may cause damage to the tires themselves, as well as the vehicle's wheels and body.

■ If tire inflation pressure of each tire becomes low while driving

Do not continue driving, or your tires and/or wheels may be ruined.

Tire rotation

Rotate the tires in the order shown.



To equalize tire wear and help extend tire life, Lexus recommends that tire rotation is carried out approximately every 10000 km (6000 miles).

Do not fail to initialize the tire pressure warning system after tire rotation.

When rotating the tires

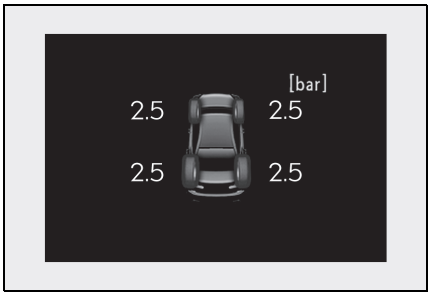
Make sure that the power switch is OFF. If the tires are rotated while the power switch is in ON, the tire position information will not be updated.
If this accidentally occurs, either turn the power switch to OFF and then to ON, or initialize the tire pressure warning system after checking that the tire pressure is properly adjusted.

Tire pressure warning system

Your vehicle is equipped with a tire pressure warning system that uses tire pressure warning valves and transmitters to detect low tire inflation pressure before serious problems arise.

- If the tire pressure drops below a predetermined level, the driver is warned by a screen display and a warning light. (→P.515, 522)
- The tire pressure detected by the tire pressure warning system can be displayed on the multi-information display. (→P.176)

The illustration used is intended as an example, and may differ from the image that is actually displayed on the multi-information display.



Routine tire inflation pressure checks

The tire pressure warning system does not replace routine tire inflation pressure checks. Make sure to check tire inflation pressure as part of your routine of daily vehicle checks.

Tire inflation pressure

- It may take a few minutes to display the tire inflation pressure after the power switch is turned to ON. It may also take a few minutes to display the tire inflation pressure after inflation pressure has been adjusted.
- Tire inflation pressure changes with temperature.
  The displayed values may also be different from the values measured using a tire pressure gauge.

Situations in which the tire pressure warning system may not operate properly

- In the following cases, the tire pressure warning system may not operate properly.
  - If non-genuine Lexus wheels are used.
  - A tire has been replaced with a tire that is not an OE (Original Equipment) tire.
  - A tire has been replaced with a tire that is not of the specified size.
  - Tire chains etc. are equipped.
  - An auxiliary-supported run-flat tire is equipped.

- If a window tint that affects the radio wave signals is installed.
- If there is a lot of snow or ice on the vehicle, particularly around the wheels or wheel housings.
- If the tire inflation pressure is extremely higher than the specified level.
- If wheels without tire pressure warning valves and transmitters are used.
- If the ID code on the tire pressure warning valves and transmitters is not registered in the tire pressure warning computer.

● Performance may be affected in the following situations.

- 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 device

If tire position information is not correctly displayed due to the radio wave conditions, the display may be corrected by driving and changing the radio wave conditions.

● When the vehicle is parked, the time taken for the warning to start or go off could be extended.

● When tire inflation pressure declines rapidly for example when a tire has burst, the warning may not function.

■ **Warning performance of the tire pressure warning system**

The warning of the tire pressure warning system will change in accordance with the conditions under which it was initialized. For this reason, the system may give a warning even if the tire pressure does not reach a low enough level, or if the pressure is higher than the pressure that was adjusted to when the system was initialized.

■ Certification for tire pressure warning system

・Manufacturer's name: PACIFIC INDUSTRIAL CO.,LTD.

・Registered trademark:

This trademark is registered in the following countries:
UK, Italy, Austria, Greece, Germany, France, Belgium,
the Netherlands, Luxembourg, Portugal.

・Manufacturer's address:
1300-1 Yokoi, Godo-cho, Anpachi-gun, Gifu, 503-2397 JAPAN

・Operating frequency band: 433.05 — 434.79MHz

・Maximum radio-frequency power: 100dBμV/m@3m(Radiated)

Hereby, PACIFIC INDUSTRIAL CO.,LTD. declares that the radio equipment type PMV-E100 is in compliance with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following internet address:
http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

PACIFIC INDUSTRIAL CO.,LTD. vakuuttaa, että radiolaitetyyppi PMV-E100 on direktiivin 2014/53/EU mukainen.
EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:
http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

Hierbij verklaar ik, PACIFIC INDUSTRIAL CO.,LTD., dat het type radioapparatuur PMV-E100 conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Le soussigné, PACIFIC INDUSTRIAL CO.,LTD., déclare que l'équipement radioélectrique du type PMV-E100 est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Härmed försäkrar PACIFIC INDUSTRIAL CO.,LTD. att denna typ av radioutrustning PMV-E100 överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Hermed erklærer PACIFIC INDUSTRIAL CO.,LTD., at radioudstyrstypen PMV-E100 er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

Hiermit erklärt PACIFIC INDUSTRIAL CO.,LTD. , dass der Funkanlagentyp PMV-E100 der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Με την παρούσα ο/η PACIFIC INDUSTRIAL CO.,LTD., δηλώνει ότι ο ραδιοεξοπλισμός PMV-E100 πληροί την οδηγία 2014/53/ΕΕ.Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Il fabbricante, PACIFIC INDUSTRIAL CO.,LTD. , dichiara che il tipo di apparecchiatura radio PMV-E100 è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Por la presente, PACIFIC INDUSTRIAL CO.,LTD.declara que el tipo de equipo radioeléctrico PMV-E100 es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

O(a) abaixo assinado(a) PACIFIC INDUSTRIAL CO.,LTD. declara que o presente tipo de equipamento de rádio PMV-E100 está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponí vel no seguinte endereço de Internet: http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
B'dan, PACIFIC INDUSTRIAL CO.,LTD., niddikjara li dan it-tip ta' tagħmir tar-radju PMV-E100 huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Käesolevaga deklareerib PACIFIC INDUSTRIAL CO.,LTD., et käesolev raadioseadme tüüp PMV-E100 vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav jä rgmisel internetiaadressil: http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
PACIFIC INDUSTRIAL CO.,LTD. igazolja, hogy a PMV-E100 típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a kö vetkező internetes címen: http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

PACIFIC INDUSTRIAL CO.,LTD. týmto vyhlasuje, že rádiové zariadenie typu PMV-E100 je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Tímto PACIFIC INDUSTRIAL CO.,LTD. prohlašuje, že typ rá diového zařízení PMV-E100 je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
PACIFIC INDUSTRIAL CO.,LTD. potrjuje, da je tip radijske opreme PMV-E100 skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Aš, PACIFIC INDUSTRIAL CO.,LTD. , patvirtinu, kad radijo į renginių tipas PMV-E100 atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

Ar šoPACIFIC INDUSTRIAL CO.,LTD. deklarē, ka radioiekārta PMV-E100 atbilst Direktīvai 2014/53/ES.
Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:
http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

PACIFIC INDUSTRIAL CO.,LTD. niniejszym oświadcza, że typ urządzenia radiowego PMV-E100 jest zgodny z dyrektyw ą 2014/53/UE.
Pełny tekst deklaracji zgodności UE jest dostępny pod nastę pującym adresem internetowym:
http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

Hér með lýsir PACIFIC INDUSTRIAL CO.,LTD. yfir því að PMV-E100 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU.
Samræmisyfirlýsing er einnig aðgengileg á eftirfarandi vefslóð:
http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

PACIFIC INDUSTRIAL CO.,LTD. erklærer at PMV-E100 er i overensstemmelse med direktiv 2014/53/EU.
Samsvarserklæringen i fulltekst er tilgjengelig på følgende internettadresse:
http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

С настоящото PACIFIC INDUSTRIAL CO.,LTD. декларира, че този тип радиосъоръжение PMV-E100 е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Prin prezenta, PACIFIC INDUSTRIAL CO.,LTD. declară că tipul de echipamente radio PMV-E100 este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Ovim, PACIFIC INDUSTRIAL CO.,LTD. , izjavljuje da ovaj PMV-E100 je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC. http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Ovim, PACIFIC INDUSTRIAL CO.,LTD., deklariše da je PMV-E100 u skladu sa osnovnim zahtevima i ostalim relevantnim odredbama Direktive 1999/5/EC. http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

PACIFIC INDUSTRIAL CO.,LTD. ovime izjavljuje da je radijska oprema tipa PMV-E100 u skladu s Direktivom 2014/53/EU.
Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:
http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

Nepermjet kesaj, PACIFIC INDUSTRIAL CO.,LTD. , deklaroj qe ky PMV-E100 eshte ne pajtim me kerkesat thelbesore dhe dispozitat e tjera perkatese te Direktives 1999/5/EC.
http://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

Installing tire pressure warning valves and transmitters

When replacing tires or wheels, tire pressure warning valves and transmitters must also be installed.

When new tire pressure warning valves and transmitters are installed, new ID codes must be registered in the tire pressure warning computer and the tire pressure warning system must be initialized. (→P.485)

When replacing the tires and wheels

If the ID code of the tire pressure warning valve and transmitter is not registered, the tire pressure warning system will not work properly. After driving for about 10 minutes, the tire pressure warning light blinks for 1 minute and stays on to indicate a system malfunction.

NOTICE

Repairing or replacing tires, wheels, tire pressure warning valves, transmitters and tire valve caps

- When removing or fitting the wheels, tires or the tire pressure warning valves and transmitters, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as the tire pressure warning valves and transmitters may be damaged if not handled correctly.
- Make sure to install the tire valve caps. If the tire valve caps are not installed, water could enter the tire pressure warning valves and the tire pressure warning valves could be bound.
- When replacing tire valve caps, do not use tire valve caps other than those specified. The cap may become stuck.

NOTICE

■ To avoid damage to the tire pressure warning valves and transmitters

When a tire is repaired with liquid sealants, the tire pressure warning valve and transmitter may not operate properly. If a liquid sealant is used, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer or other qualified service shop as soon as possible. After use of liquid sealant, make sure to replace the tire pressure warning valve and transmitter when repairing or replacing the tire.

Initializing the tire pressure warning system

■ The tire pressure warning system must be initialized in the following circumstances:

- When rotating the tires.
- When the tire inflation pressure is changed such as when changing tire size. (When there are multiple specified pressures)
- After registering the ID codes. (→P.485)

When the tire pressure warning system is initialized, the current tire inflation pressure is set as the benchmark pressure.

■ How to initialize the tire pressure warning system

1 Park the vehicle in a safe place and stop the EV system for 20 minutes or more.

Initialization cannot be performed while the vehicle is moving.

2 Adjust the tire inflation pressure to the specified cold tire inflation pressure level.

Make sure to adjust the tire pressure to the specified cold tire inflation pressure level. The tire pressure warning system will operate based on this pressure level.

3 Start the EV system (→P.292)

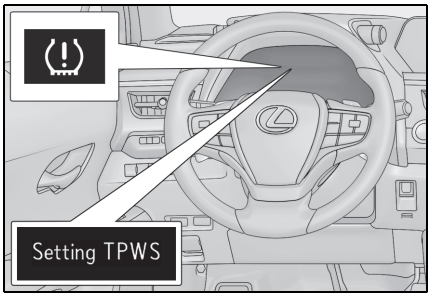
4 Press < or > of the meter control switches and select ⚙.

5 Press ∧ or ∨ of the meter control switches and select “Vehicle Settings”, and then press “OK”.

6 Press ∧ or ∨ of the meter control switches and select “TPWS”, and then press “OK”.

7 Press ∧ or ∨ of the meter control switches and select “Set Pressure”, and then press and hold “OK” until the tire pressure warning light starts blinking.

A message is displayed on the multi-information display. Also, “--” is displayed for inflation pressure of each tire on the multi-information display while the tire pressure warning system determines the position.



8 Drive at approximately 40 km/h (25 mph) or more for approximately 10 to 30 minutes.

When initialization is complete, the inflation pressure of each tire will be displayed on the multi-information display.

Even if the vehicle is not driven at approximately 40 km/h (25 mph) or more, initialization can be completed by driving for a long time. However, if initialization does not complete after driving for 1 hour or more, park the vehicle in a safe place for approximately 20 minutes and then drive the vehicle again.

When initializing

- Initialization is performed while driving at a vehicle speed of approximately 40 km/h (25 mph) or more.
- Make sure to carry out initialization after adjusting the tire inflation pressure. Also, make sure the tires are cold before carrying out initialization or tire inflation pressure adjustment.
- The tire pressure warning system can be initialized by yourself, but depending on the driving conditions and driving environment, initialization may take some time to complete.

The initialization operation

- If you have accidentally turned the power switch off during initialization, it is not necessary to manually restart the initialization again, as initialization will restart automatically the next time the power switch is turned to ON.
- If you accidentally perform initialization when initialization is not necessary, adjust the tire inflation pressure to the specified level when the tires are cold, and conduct initialization again.
- While the position of each tire is being determined and the inflation pressures are not being displayed on the multi-information display, if the inflation pressure of a tire drops, the tire pressure warning light will come on.

If the tire pressure warning system is not initialized properly

- In the following situations, initialization may take longer than usual to be completed or may not be possible. Normally, initialization completes within approximately 30 minutes.
  - Vehicle is not driven at approximately 40 km/h (25 mph) or more
  - Vehicle is driven on unpaved roads
  - Vehicle is driven near other vehicles and system cannot recognize tire pressure warning valve and transmitters of your vehicle over those of other vehicles

If initialization does not complete after driving for 1 hour or more, park the vehicle in a safe place for approximately 20 minutes and then drive the vehicle again.

- If the vehicle is reversed during initialization, the data up to that point is reset, so perform the initialization procedure again from the beginning.
- In the following situations, initialization will not be started or was not completed properly and the system will not operate properly. Perform the initialization procedure again.
  - If, when attempting to start initialization, the tire pressure warning light does not blink 3 times.
  - If, when the vehicle has been driven for about 20 minutes after performing initialization, the tire pressure warning light blinks for approximately 1 minute and then illuminates.

If the inflation pressure of each tire is still not displayed, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

WARNING

When initializing the tire pressure warning system

Do not initialize tire inflation pressure without first adjusting the tire inflation pressure to the specified level. Otherwise, the tire pressure warning light may not come on even if the tire inflation pressure is low, or it may come on when the tire inflation pressure is actually normal.

Registering ID codes

The tire pressure warning valve and transmitter is equipped with a unique ID code. When replacing a tire pressure warning valve and transmitter, it is necessary to register the ID code.

When registering the ID codes, perform the following procedure.

1 Park the vehicle in a safe place, wait for approximately 20 minutes, and then start the EV system. (→P.292)

2 Press < or > of the meter control switches and select .

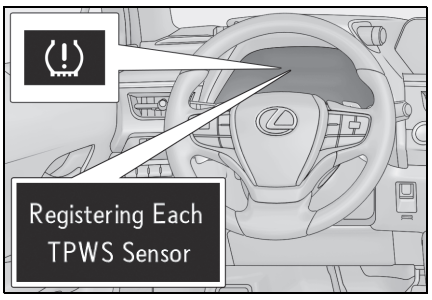
3 Press ∧ or ∨ of the meter control switches and select "Vehicle Settings", and then press "OK".

4 Press ∧ or ∨ of the meter control switches and select "TPWS", and then press "OK".

5 Press ∧ or ∨ of the meter control switches and select "Change Wheel Set", and then press and hold "OK" until the tire pressure warning light starts slowly blinking 3 times.

The change wheel set mode is activated and registration is started.

A message is displayed on the multi-information display, and "--" is displayed for inflation pressure of each tire. Then, the tire pressure warning light blinks rapidly for approximately 1 minute and stays on.



6 Drive at approximately 40 km/h (25 mph) or more for approximately 10 to 30 minutes.

Registration is complete when the tire pressure warning light turns off and the inflation pressure of each tire is displayed on the multi-information display.

Even if the vehicle is not driven at approximately 40 km/h (25 mph) or more, registration can be completed by driving for a long time. However, if registration does not complete after driving for 1 hour or more, perform the procedure again from the beginning.

7 Initialize the tire pressure warning system. (→P.483)

■ When registering ID codes

- ID code registration is performed while driving at a vehicle speed of approximately 40 km/h (25 mph) or more.
- Before performing ID code registration, make sure that no wheels with tire pressure warning valve and transmitters installed are near the vehicle.
- Make sure to initialize the tire pressure warning system after registering the ID codes. If the system is initialized before registering the ID codes, the initialized values will be invalid.
- ID codes can be registered by yourself, but depending on the driving conditions and driving environment, registration may take some time to complete.

■ **Canceling ID code registration**

- To cancel ID code registration after it has been started, turn the power switch off before driving the vehicle. If the vehicle is driven after ID code registration is started, to cancel registration, perform the ID code registration start procedure again and turn the power switch off before driving.
- If ID code registration has been canceled, the tire pressure warning light will blink for approximately 1 minute when the power switch is turned to ON and then illuminate. The tire pressure warning system will be operational when the tire pressure warning light turns off.
- If the warning light does not turn off even after several minutes have elapsed, ID code registration may not have been canceled correctly. To cancel registration, perform the ID code registration start procedure again and then turn the power switch off before driving.

■ **If ID codes are not registered properly**

- In the following situations, ID code registration may take longer than usual to be completed or may not be possible. Normally, registration completes within approximately 30 minutes.
  - Vehicle is not parked for approximately 20 minutes or more before driving
  - Vehicle is not driven at approximately 40 km/h (25 mph) or more
  - Vehicle is driven on unpaved roads
  - Vehicle is driven near other vehicles and system cannot recognize tire pressure warning valves and transmitters of your vehicle over those of other vehicles
  - Wheel with tire pressure warning valve and transmitter installed is inside or near the vehicle

If registration does not complete after driving for 1 hour or more, perform the ID code registration procedure again from the beginning.

- If the vehicle is reversed during registration, the data up to that point is reset, so perform the registration procedure again from the beginning.
- In the following situations, ID code registration will not be started or was not completed properly and the system will not operate properly. Perform the ID code registration procedure again.
  - If, when attempting to start ID code registration, the tire pressure warning light does not blink slowly 3 times.
  - If, when the vehicle has been driven for about 20 minutes after performing ID code registration, the tire pressure warning light blinks for approximately 1 minute and then illuminates.
- If ID code registration cannot be completed after performing the above procedure, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Replacing the tire

When raising your vehicle with a jack, position the jack correctly.

Improper placement may damage your vehicle or cause injury.

If necessary tire replacement seems difficult to perform, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Before jacking up the vehicle

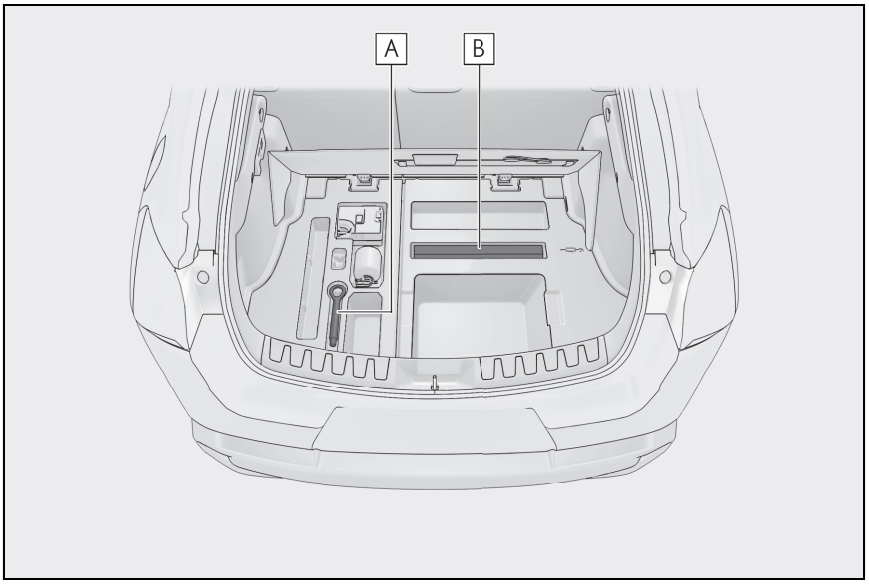
- Stop the vehicle in a safe place on a hard, flat surface.
- Set the parking brake.
- Shift the shift position to P.
- Turn off the intrusion sensor and tilt sensor (if equipped) (→P.88)
- Stop the EV system.

Tools

As your vehicle is equipped with an emergency tire puncture repair kit, the following tools for replacing a tire are not included with your vehicle. They can be purchased at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- Wheel nut wrench
- Jack
- Jack handle

Location of the tools



A Towing eyelet

B Jack*/Jack handle*/Wheel nut wrench*

*: They can be purchased at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

WARNING

■ Using the tire jack

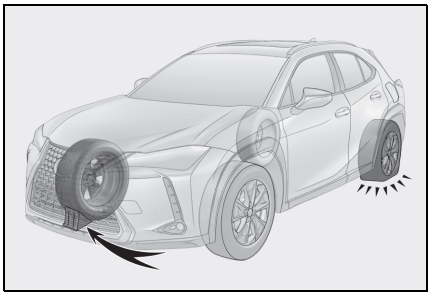
Observe the following precautions.

Improper use of the tire jack may cause the vehicle to suddenly fall off the jack, leading to death or serious injury.

- Do not use the tire jack for any purpose other than replacing tires or installing and removing tire chains.
- Do not use other tire jacks for replacing tires on this vehicle.
- Put the jack properly in its jack point.
- Do not put any part of your body under the vehicle while it is supported by the jack.
- Do not start the EV system or drive the vehicle while the vehicle is supported by the jack.
- Do not raise the vehicle while someone is inside.
- When raising the vehicle, do not put an object on or under the jack.
- Do not raise the vehicle to a height greater than that required to replace the tire.
- Use a jack stand if it is necessary to get under the vehicle.
- When lowering the vehicle, make sure that there is no-one near the vehicle. If there are people nearby, warn them vocally before lowering.

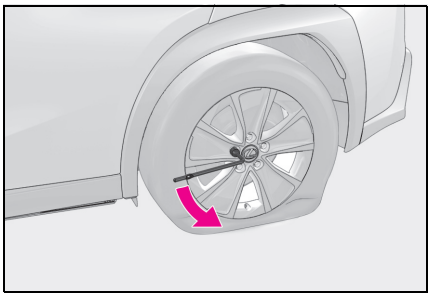
Replacing a flat tire

1 Chock the tires.



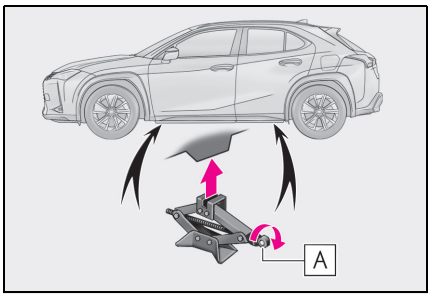
Tire	Wheel chock positions
Front left-hand	Behind the rear right-hand side tire
Front right-hand	Behind the rear left-hand side tire
Rear left-hand	In front of the front right-hand side tire
Rear right-hand	In front of the front left-hand side tire

2 Slightly loosen the wheel nuts (one turn).

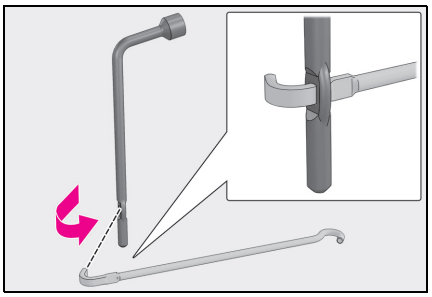


3 Turn the tire jack portion A by hand until the notch of the jack is in contact with the jack point.

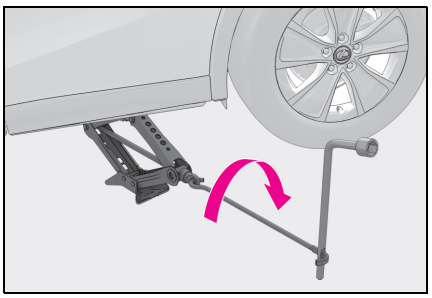
The jack point guides are located under the rocker panel. They indicate the jack point positions.



4 Install the wheel nut wrench in jack handle.

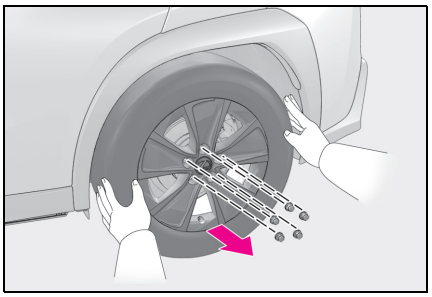


5 Raise the vehicle until the tire is slightly raised off the ground.



6 Remove all the wheel nuts and the tire.

When resting the tire on the ground, place the tire so that the wheel design faces up to avoid scratching the wheel surface.



WARNING

■ Replacing a flat tire

● Do not touch the disc wheels or the area around the brakes immediately after the vehicle has been driven. After the vehicle has been driven the disc wheels and the area around the brakes will be extremely hot. Touching these areas with hands, feet or other body parts while changing a tire, etc. may result in burns.

● Failure to follow these precautions could cause the wheel nuts to loosen and the tire to fall off, resulting in death or serious injury.

- Never use oil or grease on the wheel bolts or wheel nuts. Oil and grease may cause the wheel nuts to be excessively tightened, leading to bolt or disc wheel damage. In addition, the oil or grease can cause the wheel nuts to loosen and the wheel may fall off, causing a serious accident. Remove any oil or grease from the wheel bolts or wheel nuts.
- Have the wheel nuts tightened with a torque wrench to 103 N•m (10.5 kgf•m, 76 ft•lbf) as soon as possible after changing wheels.
- When installing a tire, only use wheel nuts that have been specifically designed for that wheel.
- If there are any cracks or deformations in the bolt screws, nut threads or bolt holes of the wheel, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- Do not attach a heavily damaged wheel ornament, as it may fly off the wheel while the vehicle is moving.

■ Replacing a flat tire for vehicles with power back door

In cases such as when replacing tires, make sure to cancel the power back door system (→P.205). Failure to do so may cause the back door to operate unintentionally if the power back door switch is accidentally touched, resulting in hands and fingers being caught and injured.

NOTICE

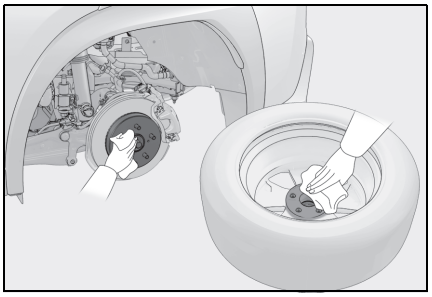
■ Repairing or replacing tires, wheels, tire pressure warning valves, transmitters and tire valve caps

→P.482

Installing the tire

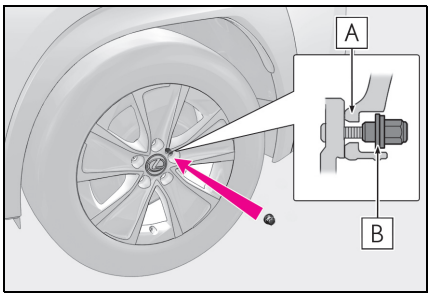
1 Remove any dirt or foreign matter from the wheel contact surface.

If foreign matter is on the wheel contact surface, the wheel nuts may loosen while the vehicle is in motion, causing the tire to come off.



2 Install the tire and loosely tighten each wheel nut by hand by approximately the same amount.

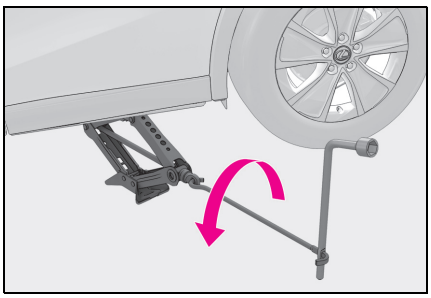
Turn the wheel nuts until the washers come into contact with the disc wheel.



A Disc wheel

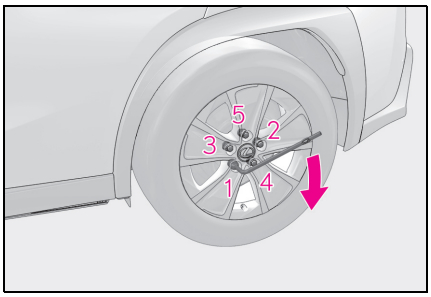
B Washer

3 Lower the vehicle.



4 Firmly tighten each wheel nut two or three times in the order shown in the illustration.

Tightening torque:
103 N•m (10.5 kgf•m, 76 ft•lbf)



5 Stow all the tools.

Tire inflation pressure

Make sure to maintain proper tire inflation pressure. Tire inflation pressure should be checked at least once per month. However, Lexus recommends that tire inflation pressure be checked once every two weeks.

Effects of incorrect tire inflation pressure

Driving with incorrect tire inflation pressure may result in the following:

- Reduced electricity consumption efficiency
- Reduced driving comfort and poor handling
- Reduced tire life due to wear
- Reduced safety
- Damage to the drive train

If a tire needs frequent inflating, have it checked by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Instructions for checking tire inflation pressure

When checking tire inflation pressure, observe the following:

- Check only when the tires are cold.
  If your vehicle has been parked for at least 3 hours or has not been driven for more than 1.5 km or 1 mile, you will get an accurate cold tire inflation pressure reading.
- Always use a tire pressure gauge.
  It is difficult to judge if a tire is properly inflated based only on its appearance.
- It is normal for the tire inflation pressure to be higher after driving as heat is generated in the tire. Do not reduce tire inflation pressure after driving.
- Passengers and luggage weight should be placed so that the vehicle is balanced.

WARNING

Proper inflation is critical to save tire performance

Keep your tires properly inflated.
If the tires are not properly inflated, the following conditions may occur which could lead to an accident resulting in death or serious injury:

- Excessive wear
- Uneven wear
- Poor handling
- Possibility of blowouts resulting from overheated tires
- Air leaking from between tire and wheel
- Wheel deformation and/or tire damage
- Greater possibility of tire damage while driving (due to road hazards, expansion joints, sharp edges in the road, etc.)

NOTICE

When inspecting and adjusting tire inflation pressure

Be sure to put the tire valve caps back on.
If a valve cap is not installed, dirt or moisture may get into the valve and cause an air leak, resulting in decreased tire inflation pressure.

Wheels

If a wheel is bent, cracked or heavily corroded, it should be replaced. Otherwise, the tire may separate from the wheel or cause a loss of handling control.

Wheel selection

When replacing wheels, care should be taken to ensure that they are equivalent to those removed in load capacity, diameter, rim width and inset*. Replacement wheels are available at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

*: Conventionally referred to as offset.

Lexus does not recommend using the following:

- Wheels of different sizes or types
- Used wheels
- Bent wheels that have been straightened

When replacing wheels

The wheels of your vehicle are equipped with tire pressure warning valves and transmitters that allow the tire pressure warning system to provide advance warning in the event of a loss in tire inflation pressure. Whenever wheels are replaced, tire pressure warning valves and transmitters must be installed. (→P.482)

WARNING

When replacing wheels

- Do not use wheels that are a different size from those recommended in the Owner's Manual, as this may result in a loss of handling control.
- Never use an inner tube in a leaking wheel which is designed for a tubeless tire. Doing so may result in an accident, causing death or serious injury.

Use of defective wheels prohibited

Do not use cracked or deformed wheels. Doing so could cause the tire to leak air during driving, possibly causing an accident.

NOTICE

Replacing tire pressure warning valves and transmitters

- Because tire repair or replacement may affect the tire pressure warning valves and transmitters, make sure to have tires serviced by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer or other qualified service shop. In addition, make sure to purchase your tire pressure warning valves and transmitters at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- Ensure that only genuine Lexus wheels are used on your vehicle.
  Tire pressure warning valves and transmitters may not work properly with non-genuine wheels.

Aluminum wheel precautions

- Use only Lexus wheel nuts and wrenches designed for use with your aluminum wheels.
- When rotating, repairing or chang-

ing your tires, check that the wheel nuts are still tight after driving 1600 km (1000 miles).

- Be careful not to damage the aluminum wheels when using tire chains.
- Use only Lexus genuine balance weights or equivalent and a plastic or rubber hammer when balancing your wheels.

Air conditioning filter

The air conditioning filter must be changed regularly to maintain air conditioning efficiency.

Removing the air conditioning filter

1 Turn the power switch off.

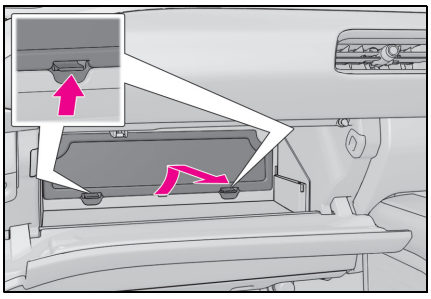
Confirm that the charging connector is not connected. Also, do not use the Remote Air Conditioning System during the procedure.

2 Open the front passenger's door.

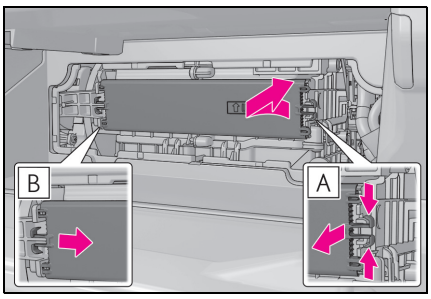
By keeping the door open, unexpected operation of the Remote Air Conditioning System can be prevent. (→P.429)

3 Open the glove box. Remove the partition. (→P.439)

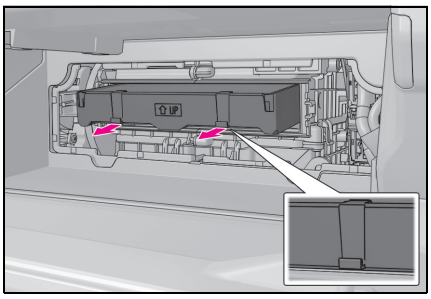
4 Remove the panel.



5 Unlock the filter cover (A), pull the filter cover out of the claws (B), and remove the filter cover.

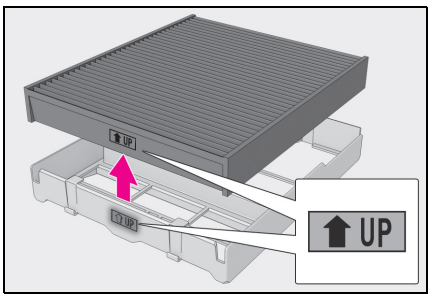


6 Remove the filter case.



7 Remove the air conditioning filter from the filter case and replace it with a new one.

The " ⇧ UP" marks shown on the filter and the filter case should be pointing up.



Checking interval

Inspect and replace the air conditioning filter according to the maintenance schedule.

In dusty areas or areas with heavy traffic flow, early replacement may be required. (For scheduled maintenance information, please refer to the "Lexus Service Booklet" or "Lexus Warranty Booklet".)

If air flow from the vents decreases dramatically

The filter may be clogged. Check the filter and replace if necessary.

Air conditioning filter with deodorizing function

When fragrances are placed in your vehicle, the deodorizing effect may become significantly weakened in a short period. When an air conditioning odor comes out continuously, replace the air conditioning filter.

WARNING

When replacing the air conditioning filter

Observe the following precautions. Failure to do so may result in the air conditioning system operating during the procedure, possibly resulting in injury.

- Check that the charging connector is not connected

The air conditioning may operate due to the air conditioning-linked setting (→P.143) or the traction battery cooler setting (→P.125).

- Do not use the Remote Air Conditioning System

NOTICE

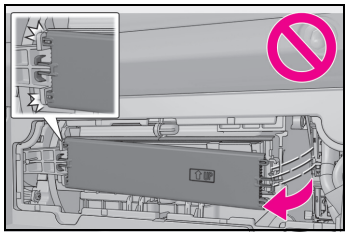
When using the air conditioning system

Make sure that a filter is always installed. Using the air conditioning system without a filter may cause damage to the system.

NOTICE

■ To prevent damage to the filter cover

When moving the filter cover in the direction of arrow to release the fitting, pay attention not to apply excessive force to the claws. Otherwise, the claws may be damaged.



Electronic key battery

Replace the battery with a new one if it is depleted.

■ If the electronic key battery is depleted

The following symptoms may occur:

- The smart entry & start system and wireless remote control will not function properly.
- The operational range will be reduced.

■ When the card key battery needs to be replaced (if equipped)

The battery for the card key is available only at Lexus dealers. Your Lexus dealer can replace the battery for you.

Items to prepare

Prepare the following before replacing the battery:

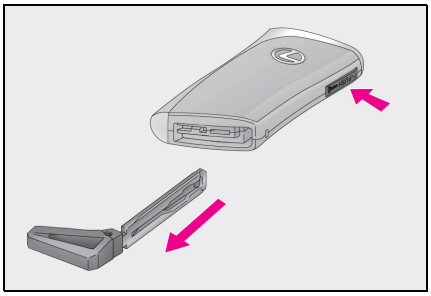
- Flathead screwdriver
- Small flathead screwdriver
- Lithium battery CR2032

■ Use a CR2032 lithium battery

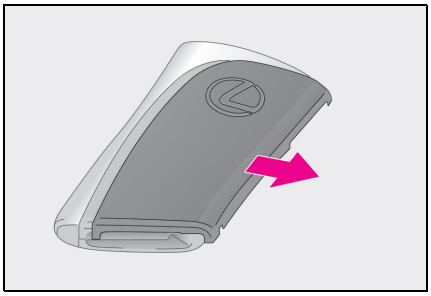
- Batteries can be purchased at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer, local electrical appliance shops or camera stores.
- Replace only with the same or equivalent type recommended by the manufacturer.
- Dispose of used batteries according to the local laws.

Replacing the battery

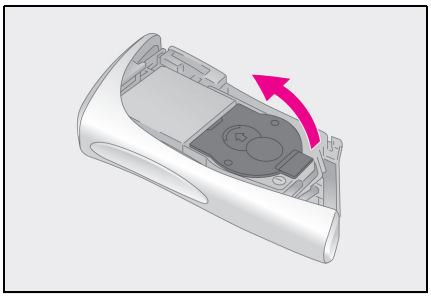
1 Take out the mechanical key.



2 Remove the cover.

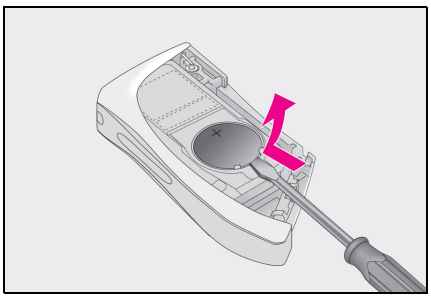


3 Remove the battery cover.



4 Remove the depleted battery using the small flathead screwdriver.

Insert a new battery with the "+" terminal facing up.



WARNING

■ Battery precautions

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

- Do not swallow the battery. Doing so may cause chemical burns.
- A coin battery or button battery is used in the electronic key. If a battery is swallowed, it may cause severe chemical burns in as little as 2 hours and may result in death or serious injury.
- Keep away new and removed batteries from children.
- If the cover cannot be firmly closed, stop using the electronic key and stow the key in the place where children cannot reach, and then contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- If you accidentally swallow a battery or put a battery into a part of your body, get emergency medical attention immediately.

■ To prevent battery explosion or leakage of flammable liquid or gas

- Replace the battery with a new battery of the same type. If a wrong type of battery is used, it may explode.

WARNING

- Do not expose batteries to extremely low pressure due to high altitude or extremely high temperatures.
- Do not burn, break or cut a battery.

■ Certification for the electronic key battery

CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

NOTICE

■ When replacing the battery

Use a screwdriver of appropriate size. Applying excessive force may deform or damage the cover.

■ For normal operation after replacing the battery

Observe the following precautions to prevent accidents:

- Always work with dry hands. Moisture may cause the battery to rust.
- Do not touch or move any other component inside the remote control.
- Do not bend either of the battery terminals.

Checking and replacing fuses

If any of the electrical components do not operate, a fuse may have blown. If this happens, check and replace the fuses as necessary.

Checking and replacing fuses

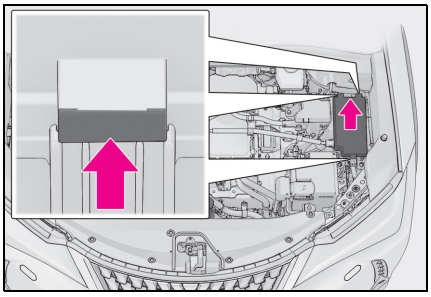
1 Turn the power switch off.

Confirm that the charging connector is not connected. Also, do not use the Remote Air Conditioning System during the procedure.

2 Open the fuse box cover.

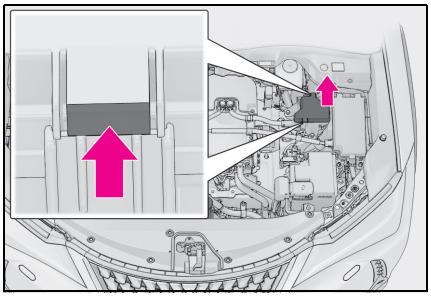
▶ Motor compartment: type A fuse box

Push the tab in and lift the lid off.

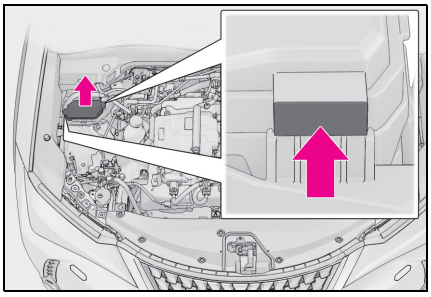


▶ Motor compartment: type B fuse box

Push the tab in and lift the lid off.



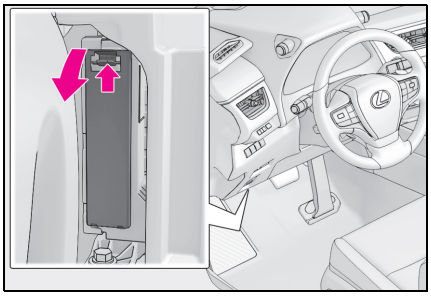
▶ Motor compartment: type C fuse box



Push the tab in and lift the lid off.

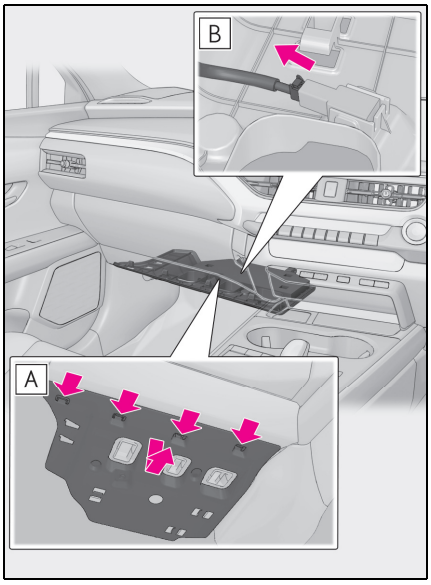
▶ Left side instrument panel (left-hand drive vehicles)

Remove the lid.

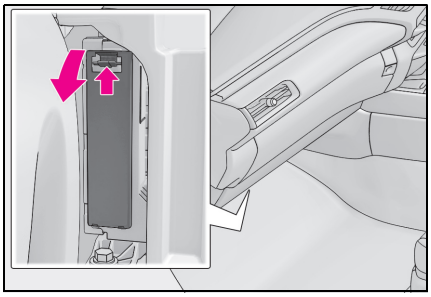


▶ Left side instrument panel (right-hand drive vehicles)

Remove the cover A and then remove the connector B .

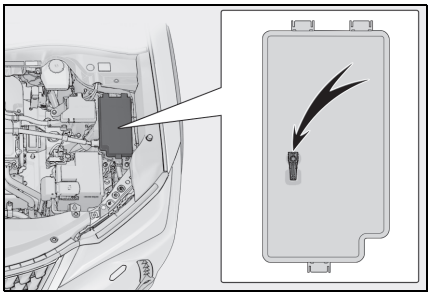


Remove the lid.



3 Remove the fuse.

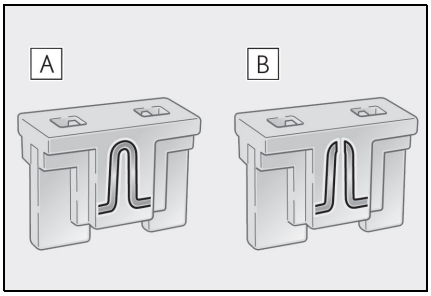
Only type A fuse can be removed using the pullout tool.



4 Check if the fuse is blown.

Replace the blown fuse with a new fuse of an appropriate amperage rating. The amperage rating can be found on the fuse box lid.

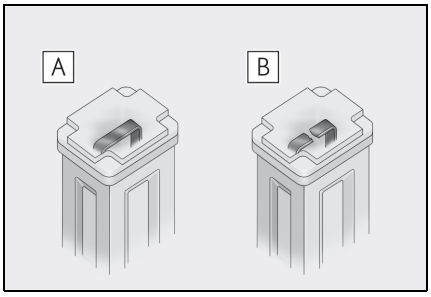
▶ Type A



A Normal fuse

B Blown fuse

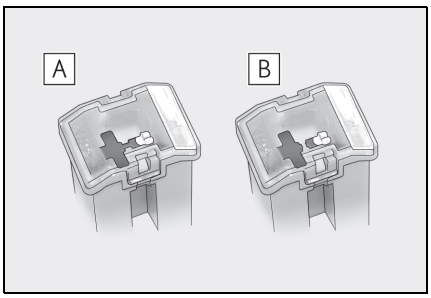
▶ Type B



A Normal fuse

B Blown fuse

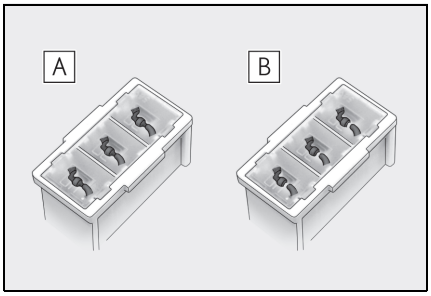
▶ Type C



A Normal fuse

B Blown fuse

▶ Type D



A Normal fuse

B Blown fuse

■ **After a fuse is replaced**

- When installing the lid, make sure that the tab is installed securely.
- If the lights do not turn on even after the fuse has been replaced, a bulb may need replacement.
- If the replaced fuse blows again, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **If there is an overload in a circuit**

The fuses are designed to blow, protecting the wiring harness from damage.

■ When replacing light bulbs

Lexus recommends that you use genuine Lexus products designed for this vehicle. Because certain bulbs are connected to circuits designed to prevent overload, non-genuine parts or parts not designed for this vehicle may be unusable.

WARNING

■ To prevent system breakdowns and vehicle fire

Observe the following precautions. Failure to do so may cause damage to the vehicle, and possibly a fire or injury.

- Never use a fuse of a higher amperage rating than that indicated, or use any other object in place of a fuse.
- Always use a genuine Lexus fuse or equivalent.
  Never replace a fuse with a wire, even as a temporary fix.
- Do not modify the fuses or fuse boxes.

■ Fuse box near the power control unit

Never check or replace the fuses as there are high voltage parts and wiring near the fuse box.
Doing so may cause electric shock, resulting in death or serious injury.

NOTICE

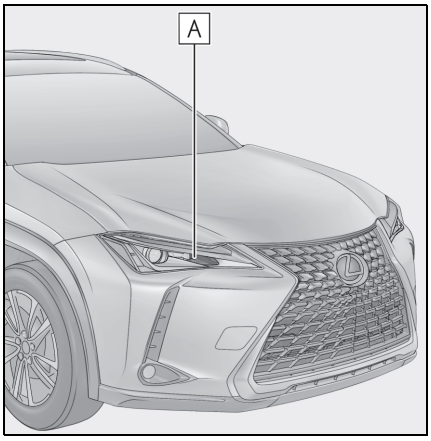
■ Before replacing fuses

Have the cause of electrical overload determined and repaired by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as soon as possible.

Light bulbs

You may replace the following bulbs by yourself. Before replacing, check the wattage of the light bulb to be replaced. As there is a danger that components may be damaged, we recommend that replacement is carried out by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Bulb location



A Front turn signal light (vehicles with single-beam headlights)

■ Bulbs that need to be replaced by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer

- Headlights
- Front position lights and daytime running lights
- Front turn signal lights (vehicles with

triple-beam headlights)

- Front fog lights (if equipped)
- Cornering lights (if equipped)
- Side turn signal lights
- Tail lights
- Stop lights
- Tail lights/stop lights
- Rear turn signal lights
- Rear fog lights
- Back-up lights
- High mounted stoplight
- License plate lights

LED lights

Vehicles with single-beam headlights: The lights other than the front turn signal light each consist of a number of LEDs. If any of the LEDs burn out, take your vehicle to any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer to have the light replaced.

Vehicles with triple-beam headlights: The lights consist of a number of LEDs. If any of the LEDs burn out, take your vehicle to any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer to have the light replaced.

Condensation build-up on the inside of the lens

Temporary condensation build-up on the inside of the headlight lens does not indicate a malfunction. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for more information in the following situations:

- Large drops of water have built up on the inside of the lens.
- Water has built up inside the headlight.

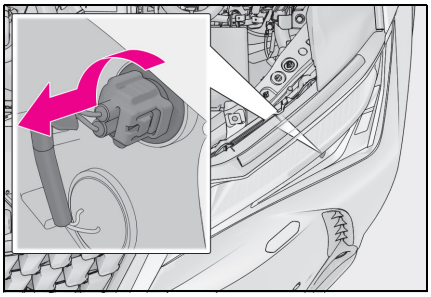
When replacing light bulbs

→P.501

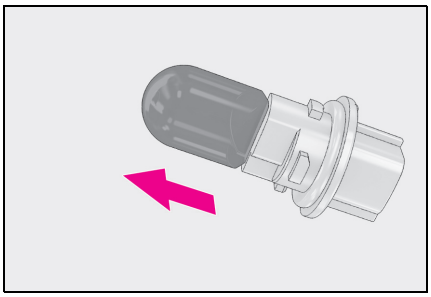
Replacing light bulb

Front turn signal lights (vehicles with single-beam headlights)

1 Turn the bulb base counterclockwise.



2 Remove the light bulb.



3 When installing, reverse the steps listed.

WARNING

Replacing light bulb

- Turn off the light. Do not attempt to replace the bulb immediately after turning off the light.
  The bulb become very hot and may cause burns.

WARNING

- Do not touch the glass portion of the light bulb with bare hands. When it is unavoidable to hold the glass portion, use and hold with a clean dry cloth to avoid getting moisture and oils on the bulb.
  Also, if the bulb is scratched or dropped, it may blow out or crack.
- Fully install light bulb and any parts used to secure it. Failure to do so may result in heat damage, fire, or water entering the light unit. This may damage the light or cause condensation to build up on the lens.

■ **To prevent damage or fire**

- Make sure bulb is fully seated and locked.
- Check the wattage of the bulb before installing to prevent heat damage.

8-1. Essential information

Emergency flashers 506

If your vehicle has to be stopped in an emergency 506

If the vehicle is trapped in rising water 507

8-2. Steps to take in an emergency

If your vehicle needs to be towed 509

If you think something is wrong 513

If a warning light turns on or a warning buzzer sounds 514

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If the electronic key does not operate properly 539

If the 12-volt battery is discharged 541

If your vehicle overheats 546

If the vehicle becomes stuck 548

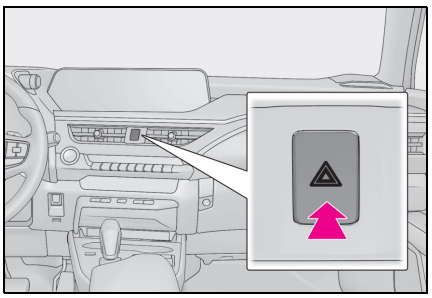
Emergency flashers

The emergency flashers are used to warn other drivers when the vehicle has to be stopped in the road due to a breakdown, etc.

Operating instructions

Press the switch.

All the turn signal lights will flash. To turn them off, press the switch once again.



■ Emergency flashers

- If the emergency flashers are used for a long time while the EV system is not operating (while the "READY" indicator is not illuminated), the 12-volt battery may discharge.
- If any of the SRS airbags deploy (inflate) or in the event of a strong rear impact, the emergency flashers will turn on automatically. The emergency flashers will turn off automatically after operating for approximately 20 minutes. To manually turn the emergency flashers off, press the switch twice.

(The emergency flashers may not turn on automatically depending on the force of the impact and conditions of the collision.)

If your vehicle has to be stopped in an emergency

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

Stopping the vehicle

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 Shift the shift position to N.

▶ If the shift position is shifted to N

3 After slowing down, stop the vehicle in a safe place by the road.

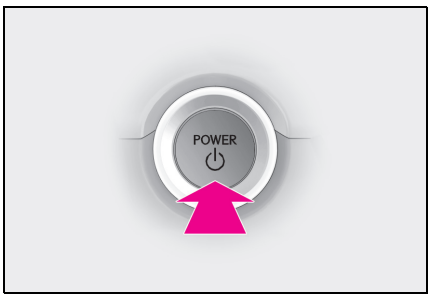
4 Stop the EV system.

▶ If the shift position cannot be shifted to N

3 Keep depressing the brake pedal with both feet to reduce vehicle speed as much as possible.

4 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.



5 Stop the vehicle in a safe place by the road.

WARNING

■ If the EV system has to be turned off while driving

Power assist for the steering wheel will be lost, making the steering wheel heavier to turn. Decelerate as much as possible before turning off the EV system.

If the vehicle is trapped in rising water

In the event the vehicle is submerged in water, remain calm and perform the following.

- Remove the seat belt first.
- If the door can be opened, open the door and exit the vehicle.
- If the door can not be opened, open the window using the power window switch and exit the vehicle through the window.
- If the window can not be opened using the power window switch, remain calm, wait until the water level inside the vehicle rises to the point that the water pressure inside of the vehicle equals the water pressure outside of the vehicle, and then open the door and exit the vehicle.

WARNING

■ Using an emergency hammer*1 for emergency escape

The rear side windows and rear window of this vehicle can be shattered by an emergency hammer*1 used for emergency escape, however, since the windshield and front side windows*2 are laminated glass they can not be shattered by an emergency hammer*1.

*1: Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer, or aftermarket accessory manufacturer for further information about an emergency hammer.

*2: Vehicles with laminated glass

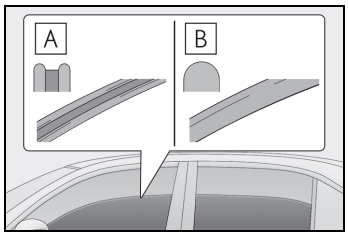
■ Escaping the vehicle from the window

There are cases where escaping the vehicle from the window is not possible due to seating position, passenger body type, etc.

When using an emergency hammer, consider your seat location and the size of the window opening to ensure that the opening is accessible and large enough to escape.

■ How to distinguish laminated glass

When looking from the cross-sectional view point, laminated glass is two sheets of glass pasted together.



A Laminated glass

B Tempered glass

If your vehicle needs to be towed

If towing is necessary, we recommend having your vehicle towed by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer or commercial towing service, using a wheel-lift type truck or flatbed truck.

Use a safety chain system for all towing, and abide by all state/provincial and local laws.

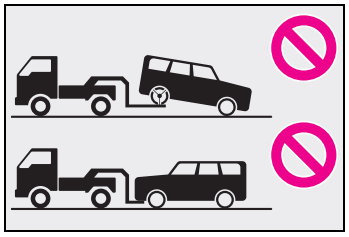
If towing your vehicle with a wheel-lift type truck from the front, the vehicle's rear wheels and axles must be in good conditions. (→P.509, 510) If they are damaged, use a towing dolly or flatbed truck.

WARNING

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

When towing the vehicle

Be sure to transport the vehicle with the front wheels raised or with all four wheels raised off the ground. If the vehicle is towed with the front wheels contacting the ground, the drivetrain and related parts may be damaged or electricity generated by the operation of the motor may cause a fire to occur depending on the nature of the damage or malfunction.



While towing

- When towing using cables or chains, avoid sudden starts, etc., which place excessive stress on the towing eyelets, cables or chains. The towing eyelets, cables or chains may become damaged, broken debris may hit people, and cause serious damage.
- Do not open the driver's door when the driver's seat belt is not fastened or turn the power switch off.
  This may lead to an accident as the front wheels will be locked by the parking lock. Also, there is a possibility that the steering wheel is locked and cannot be operated.

Installing towing eyelets to the vehicle

Make sure that towing eyelets are installed securely.
If not securely installed, towing eyelets may come loose during towing.

NOTICE

■ To prevent damage to the vehicle when towing using a wheel-lift type truck

● Do not tow the vehicle from the rear when the power switch is OFF. The steering lock mechanism is not strong enough to hold the front wheels straight.

● When raising the vehicle, ensure adequate ground clearance for towing at the opposite end of the raised vehicle. Without adequate clearance, the vehicle could be damaged while being towed.

■ To prevent damage to the vehicle when towing with a sling-type truck

Do not tow with a sling-type truck, either from the front or rear.

■ To prevent damage to the vehicle during emergency towing

Do not secure cables or chains to the suspension components.

Situations when it is not possible to be towed by another vehicle

In the following situations, it is not possible to be towed by another vehicle using cables or chains, as the front wheels may be locked due to the parking lock. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer or commercial towing service.

- There is a malfunction in the shift control system. (→P.295, 524)
- There is a malfunction in the immobilizer system. (→P.75)
- There is a malfunction in the smart entry & start system. (→P.539)
- The 12-volt battery is discharged. (→P.541)

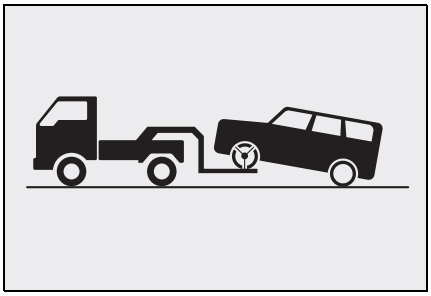
Situations when it is necessary to contact dealers before towing

The following may indicate a problem with your transmission. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer or commercial towing service before towing.

- The EV system warning message is shown on the multi-information display and the vehicle does not move.
- The vehicle makes an abnormal sound.

Towing with a wheel-lift type truck

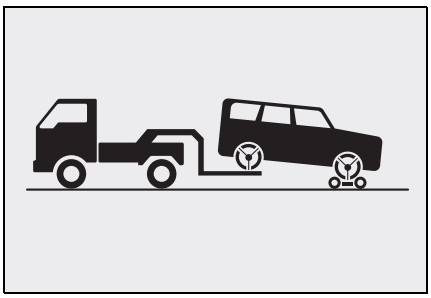
▶ From the front



Release the parking brake.

Turn automatic mode off. (→P.303)

▶ From the rear

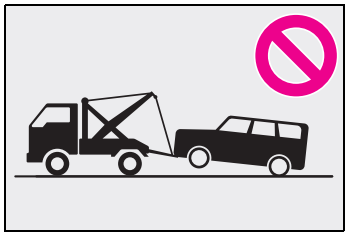


Use a towing dolly under the front wheels.

NOTICE

■ **Towing with a sling-type truck**

Do not tow with a sling-type truck to prevent body damage.



Using a flatbed truck

When using a flat-bed truck to transport the vehicle, use tire strapping belts. Refer to the owner's manual of the flat-bed truck for the tire strapping method.

In order to suppress vehicle movement during transportation, set the parking brake and turn the power switch off.

Emergency towing

If a tow truck is not available in an emergency, your vehicle may be temporarily towed using cables or chains secured to the emergency towing eyelets. This should only be attempted on hard surfaced roads for short distances at under 30 km/h (18 mph).

A driver must be in the vehicle to steer and operate the brakes. The vehicle's wheels, drive train, axles, steering and brakes must be in good condition.

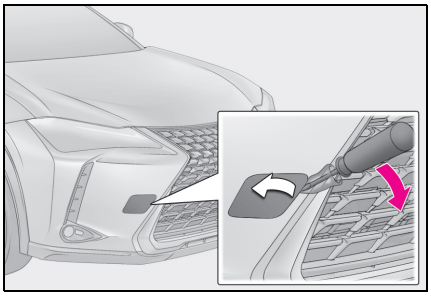
Emergency towing procedure

To have your vehicle towed by another vehicle, the towing eyelet must be installed to your vehicle. Install the towing eyelet using the following procedure.

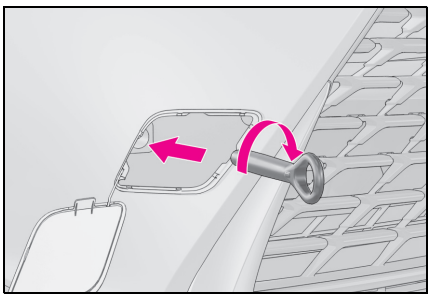
1 Take out the towing eyelet. (→P.527)

2 Remove the eyelet cover using a flathead screwdriver.

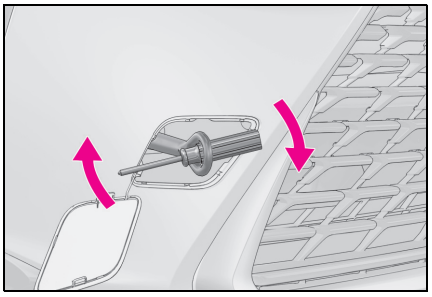
To protect the bodywork, place a rag between the screwdriver and the vehicle body as shown in the illustration.



3 Insert the towing eyelet into the hole and tighten partially by hand.



4 Tighten down the towing eyelet securely using a hard metal bar.



5 Securely attach cables or chains to the towing eyelet.

Take care not to damage the vehicle body.

6 Enter the vehicle being towed and start the EV system.

If the EV system does not start, turn the power switch to ON.

7 Shift the shift position to N and release the parking brake.

Turn automatic mode off. (→P.303)

■ **While towing**

If the EV system is off, the power assist for the brakes and steering will not function, making steering and braking more difficult.

■ **Wheel nut wrench**

Wheel nut wrench can be purchased at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

If you think something is wrong

If you notice any of the following symptoms, your vehicle probably needs adjustment or repair. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as soon as possible.

Visible symptoms

- Fluid leaks under the vehicle (Water dripping from the air conditioning after use is normal.)
- Flat-looking tires or uneven tire wear

Audible symptoms

- Excessive tire squeal when cornering
- Strange noises related to the suspension system
- Other noises related to the EV system

Operational symptoms

- Stumbling or running roughly
- Appreciable loss of power
- Vehicle pulls heavily to one side when braking
- Vehicle pulls heavily to one side when driving on a level road
- Loss of brake effectiveness, spongy feeling, pedal almost touches the floor

If a warning light turns on or a warning buzzer sounds

Calmly perform the following actions if any of the warning lights comes on or flashes. If a light comes on or flashes, but then goes off, this does not necessarily indicate a malfunction in the system. However, if this continues to occur, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Actions to the warning lights or warning buzzers

■ Brake system warning light (warning buzzer)

Warning light	Details/Actions
 (red)	Indicates that: ● The brake fluid level is low; or ● The brake system is malfunctioning → **Immediately stop the vehicle in a safe place and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer. Continuing to drive the vehicle may be dangerous.**

■ 12-volt battery charging system warning light* (warning buzzer)

Warning light	Details/Actions
	Indicates a malfunction in the vehicle's charging system → **Immediately stop the vehicle in a safe place and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.**

*: This light illuminates on the multi-information display.

■ Tire pressure warning light

Warning light	Details/Actions
	When the light comes on after blinking for approximately 1 minute: Malfunction in the tire pressure warning system → **Have the system checked by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.** When the light comes on: Low tire inflation pressure such as ● Natural causes ● Flat tire → **Immediately stop the vehicle in a safe place.** (→P.520)

■ Brake system warning light (warning buzzer)

Warning light	Details/Actions
 (yellow)	Indicates a malfunction in: ● The regenerative braking system; ● The electronically controlled brake system; or ● The parking brake system → **Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.**

■ SRS warning light (warning buzzer)

Warning light	Details/Actions
	Indicates a malfunction in: ● The SRS airbag system; or ● The seat belt pretensioner system → **Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.**

■ ABS warning light (warning buzzer)

Warning light	Details/Actions
	Indicates a malfunction in: ● The ABS; or ● The brake assist system → **Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.**

■ Electric power steering system warning light (warning buzzer)

Warning light	Details/Actions
 (red) or  (yellow)	Indicates a malfunction in the EPS (Electric Power Steering) system → **Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.**

■ Slip indicator

Warning light	Details/Actions
	Indicates a malfunction in: ● The VSC system; ● The TRC system; or ● The hill-start assist control system → **Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.**

■ Parking brake indicator

Warning light	Details/Actions
 (flashes)	Indicates a malfunction in the parking brake system → **Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.**

■ Brake hold operated indicator (warning buzzer)

Warning light	Details/Actions
 (flashes)	Indicates a malfunction in the brake hold system → **Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.**

■ Lexus parking assist-sensor OFF indicator (warning buzzer)

Warning light	Details/Actions
 (flashes) (if equipped)	When a buzzer sounds: Indicates a malfunction in the Lexus parking assist-sensor function → **Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.** When a buzzer does not sound: Indicates that the system is temporarily unavailable, possibly due to a sensor being dirty or covered with ice, etc. → **Follow the instructions displayed on the multi-information display. (→P.380)**

■ RCTA OFF indicator (warning buzzer)

Warning light	Details/Actions
 (flashes) (if equipped)	Indicates a malfunction in the RCTA (Rear Crossing Traffic Alert) function → **Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.**

■ PKSB OFF indicator (warning buzzer)

Warning light	Details/Actions
 (flashes) (if equipped)	When a buzzer sounds: Indicates a malfunction in the PKSB (Parking Support Brake) system → **Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.** When a buzzer does not sound: Indicates that the system is temporarily unavailable, possibly due to a sensor being dirty or covered with ice, etc. → **Follow the instructions displayed on the multi-information display. (→P.392)**

■ Traction battery charge warning light

Warning light	Details/Actions
	Indicates that the remaining charge of the traction battery is low and charging is required When the outside temperature is low, this light may turn on earlier than usual to urge the driver to charge the traction battery early. → **Charge the traction battery.** (→P.123)

■ Driver's and front passenger's seat belt reminder light (warning buzzer)*

Warning light	Details/Actions
	Warns the driver and/or front passenger to fasten their seat belts → **Fasten the seat belt.** **If the front passenger's seat is occupied, the front passenger's seat belt also needs to be fastened to make the warning light (warning buzzer) turn off.**

*: Driver's and front passenger's seat belt warning buzzer:

The driver's and front passenger's seat belt warning buzzer sounds to alert the driver and front passenger that his or her seat belt is not fastened. If the seat belt is unfastened, the buzzer sounds intermittently for a certain period of time after the vehicle reaches a certain speed.

■ Rear passengers' seat belt reminder lights*1 (warning buzzer)*2

Warning light	Details/Actions
	Warns the rear passengers to fasten their seat belts → **Fasten the seat belt.**

*1: This light illuminates on the multi-information display. Regardless of whether or not a rear passenger is present, if the power switch is turned to ON with the rear seat belts unfastened, this light will also illuminate for a certain period of time.

*2: Rear passengers' seat belt warning buzzer:

The rear passengers' seat belt warning buzzer sounds to alert the rear passenger that his or her seat belt is not fastened. If the seat belt is unfastened, the buzzer sounds intermittently for a certain period of time after the vehicle reaches a certain speed.

■ **Brake Override System warning light/Drive-Start Control warning light/PKSB warning light* (warning buzzer)**

Warning light	Details/Actions
	When a buzzer sounds: ● Brake Override System is malfunctioning; ● Drive-Start Control is operating; ● Drive-Start Control is malfunctioning; or ● Parking Support Brake function (static objects) (if equipped) is operating → **Follow the instructions displayed on the multi-information display and head-up display (if equipped).** When a buzzer does not sound: Brake Override System is operating → **Release the accelerator pedal and depress the brake pedal.**

*: This light illuminates on the multi-information display.

■ **LTA indicator* (warning buzzer)**

Warning light	Details/Actions
 (orange)	Indicates a malfunction in the LTA (Lane Tracing Assist) → **Follow the instructions displayed on the multi-information display. (→P.351)**

*: This light illuminates on the multi-information display.

■ PCS warning light (warning buzzer)

Warning light	Details/Actions
 (flashes or illuminates)	When a buzzer sounds simultaneously: Indicates a malfunction has occurred in the PCS (Pre-Collision System). → **Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.** When a buzzer does not sound: The PCS (Pre-Collision System) has become temporarily unavailable, corrective action may be necessary. → **Follow the instructions displayed on the multi-information display. (→P.333, 524)** If the PCS (Pre-Collision System) or VSC (Vehicle Stability Control) system is disabled, the PCS warning light will illuminate. → **P.341**

■ **Warning buzzer**

In some cases, the buzzer may not be heard due to being in a noisy location or audio sound.

■ **Front passenger detection sensor, seat belt reminder and warning buzzer**

- If luggage is placed on the front passenger seat, the front passenger detection sensor may cause the warning light to flash and the warning buzzer to sound even if a passenger is not sitting in the seat.
- If a cushion is placed on the seat, the sensor may not detect a passenger, and the warning light may not operate properly.

■ **Electric power steering system warning light (warning buzzer)**

When the 12-volt battery charge becomes insufficient or the voltage temporarily drops, the electric power steering system warning light may come on and the warning buzzer may sound.

■ **When the tire pressure warning light comes on**

Inspect the tires to check if a tire is punctured.

If a tire is punctured: →P.526

If none of the tires are punctured:
Turn the power switch off then turn it to ON. Check if the tire pressure warning light comes on or blinks.

▶ If the tire pressure warning light blinks for approximately 1 minute then stays on

There may be a malfunction in the tire pressure warning system. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

▶ If the tire pressure warning light comes on

1. After the temperature of the tires has lowered sufficiently, check the inflation pressure of each tire and adjust them to the specified level.
2. If the warning light does not turn off even after several minutes have elapsed, check that the inflation pressure of each tire is at the specified level and perform initialization. (→P.483)

■ **The tire pressure warning light may come on due to natural causes**

The tire pressure warning light may come on due to natural causes such as natural air

leaks and tire inflation pressure changes caused by temperature. In this case, adjusting the tire inflation pressure will turn off the warning light (after a few minutes).

■ **Conditions that the tire pressure warning system may not function properly**

→P.473

WARNING

■ **If both the ABS and the brake system warning lights remain on**

Stop your vehicle in a safe place immediately and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
The vehicle will become extremely unstable during braking, and the ABS system may fail, which could cause an accident resulting in death or serious injury.

■ **When the electric power steering system warning light comes on**

When the light comes on yellow, the assist to the power steering is restricted.
When the light comes on red, the assist to the power steering is lost and handling operations of the steering wheel become extremely heavy.
When steering wheel operations are heavier than usual, grip the steering wheel firmly and operate it using more force than usual.

■ **If the tire pressure warning light comes on**

Be sure to observe the following precautions.
Failure to do so could cause a loss of vehicle control and result in death or serious injury.

- Stop your vehicle in a safe place as soon as possible. Check and adjust the tire inflation pressure immediately.
- If the tire pressure warning light comes on even after tire inflation pressure adjustment, it is probable that you have a flat tire. Check the tires. If a tire is flat, repair the flat tire by using emergency tire puncture repair kit and have the flat tire repaired by the nearest authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- Avoid abrupt maneuvering and braking.
  If the vehicle tires deteriorate, you could lose control of the steering wheel or the brakes.

■ **If a blowout or sudden air leakage should occur**

The tire pressure warning system may not activate immediately.

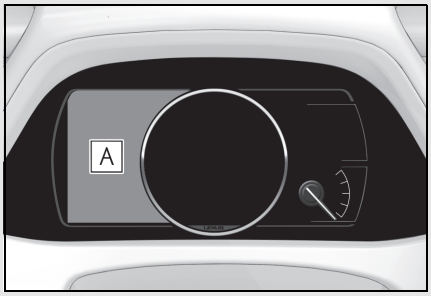
NOTICE

■ **To ensure the tire pressure warning system operates properly**

Do not install tires with different specifications or makers, as the tire pressure warning system may not operate properly.

If a warning message is displayed

The multi-information display shows warnings of system malfunctions, incorrectly performed operations, and messages that indicate a need for maintenance. When a message is shown, perform the correction procedure appropriate to the message.



A Multi-information display

Follow the instructions of the message on the multi-information display.

If any of the warning messages are shown again after the following actions have been performed, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Messages and warnings

The warning lights and warning buzzers operate as follows depending on the content of the message. If a message indicates the need for inspection by a dealer, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

Warning light	Warning buzzer*	Warning
—	Sounds	• Indicates an important situation, such as when a system related to driving is malfunctioning or that danger may result if the correction procedure is not performed • Indicates a situation, such as when damage to the vehicle or danger may result
Comes on or flashes	Sounds	Indicates an important situation, such as when the systems shown on the multi-information display may be malfunctioning
—	Does not sound	• Indicates a condition, such as malfunction of electrical components, their condition, or indicates the need for maintenance • Indicates a situation, such as when an operation has been performed incorrectly, or indicates how to perform an operation correctly

*: A buzzer sounds the first time a message is shown on the multi-information display.

■ Warning messages

The warning messages explained below may differ from the actual messages according to operation conditions and vehicle specifications.

■ Warning buzzer

In some cases, the buzzer may not be heard due to being in a noisy location or audio sound.

■ If "EV system stopped Steering power low" is displayed

This message is displayed if the EV system is stopped while driving.

When steering wheel operations are heavier than usual, grip the steering wheel firmly and operate it using more force than usual.

■ If "EV system overheated Output power reduced" is displayed

This message may be displayed when driving under severe operating conditions. (For example, when driving up a long steep hill.) Handling method: →P.546

■ If "Shift System Malfunction Driving Unavailable" is displayed

There is a malfunction in the shift control system. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

■ **If "Shift to P Before Exiting Vehicle" is shown**

Message is displayed when the driver's door is opened without turning the power switch off with the shift position in any position other than P.

Shift the shift position to P.

■ **If "Shift is in N Release accelerator before shifting" is displayed**

The accelerator pedal has been depressed when the shift position is in N.

Release the accelerator pedal and shift the shift position to D or R.

■ **If "Press brake when vehicle is stopped EV system may overheat" is displayed**

The message may be displayed when the accelerator pedal is depressed to hold the vehicle while the vehicle is stopped on an incline, etc. The EV system may overheat. Release the accelerator pedal and depress the brake pedal.

■ **If "Auto Power Off To Conserve Battery" is displayed**

Power was turned off due to the automatic power off function. Next time when starting the EV system, operate the EV system for approximately 5 minutes to recharge the 12-volt battery.

■ **If "Regenerative Braking Limited Press Brake to Decelerate" is displayed**

Regenerative braking may be restricted in the following situations. Firmly depress the brake pedal to decelerate the vehicle.

- When electrical energy cannot be regenerated any more as the traction battery is fully charged
- When the temperature of the traction battery is extremely high or extremely low
- When the temperature of the electric motor or power control unit, etc. is extremely high

■ **If "High Power Consumption Power to Climate Temporarily Limited" is displayed**

Turn off unnecessary electronic equipment to reduce power consumption.

Please wait until the power supply returns to normal.

■ **If "Radar Cruise Control Temporarily Unavailable See Owner's Manual" is shown**

The dynamic radar cruise control with full-speed range system is suspended temporarily or until the problem shown in the message is resolved. (causes and coping methods: →P.333)

■ **If "Radar Cruise Control Unavailable" is shown**

The dynamic radar cruise control with full-speed range system cannot be used temporarily. Use the system when it becomes available again.

■ **If a message that indicates the malfunction of front camera is displayed**

The following systems may be suspended until the problem shown in the message is resolved. (→P.333, 520)

- PCS (Pre-Collision System)
- LTA (Lane Tracing Assist)
- AHS (Adaptive High-beam System) (if equipped)
- AHB (Automatic High Beam) (if equipped)
- RSA (Road Sign Assist)
- Dynamic radar cruise control with full-speed range

■ **If a message that indicates the need for visiting any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer is displayed**

The system or part shown on the multi-information display is malfunctioning. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

■ **If a message that indicates the need for the shift lever operation is displayed**

To prevent the shift lever from being operated incorrectly or the vehicle from moving unexpectedly, a message that requires

shifting the shift position may be shown on the multi-information display. In that case, follow the instruction of the message and shift the shift position.

■ **If a message that indicates the need for referring to Owner's Manual is displayed**

● If any of the following messages are shown on the multi-information display, follow the instructions.
- "Battery Low" (→P.541)
- "Check Charging System Close Charging Port Lid" (→P.163)
- "Charging system malfunction" (→P.163)
- "Charging stopped High energy use" (→P.163)

● If any of the following messages are shown on the multi-information display, it may indicate a malfunction. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.
- "Entry & Start System Malfunction"
- "Traction battery system malfunction"
- "Accelerator system malfunction"
- "Plug-in Charging System Malfunction"
- "EV system malfunction"
- "P Switch Malfunction"
- "Shift System Unavailable"

● If any of the following messages are shown on the multi-information display, it may indicate a malfunction. Immediately stop the vehicle and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- "Braking Power Low"
- "Shift System Malfunction"

● If "EV system stopped" is displayed, the traction battery may have run out of charge. Stop the vehicle in a safe place, and charge the traction battery if the SOC (State of Charge) level is low. (→P.123)

NOTICE

■ **If "High Power Consumption Power to Climate Temporarily Limited" is displayed frequently**

There is a possible malfunction relating to the charging system or the 12-volt battery may be deteriorating. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **If "Battery Low" is displayed frequently**

The 12-volt battery may have deteriorated. As the battery may discharge in this state when left unattended, have the battery inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **If "Maintenance Reqd. For Traction Battery At Your Dealer" is shown**

The traction battery is scheduled to be inspected or replaced. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

● Continuing to drive the vehicle without having the traction battery inspected will cause the EV system not to start.

● If the EV system does not start, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

If you have a flat tire

Your vehicle is not equipped with a spare tire, but instead is equipped with an emergency tire puncture repair kit.

A puncture caused by a nail or screw passing through the tire tread can be repaired temporarily using the emergency tire puncture repair kit.

(The kit contains a bottle of sealant. The sealant can be used only once to temporarily repair one tire without removing the nail or screw from the tire.) Depending on the damage condition of the flat tire, it may not be able to repaired with the emergency tire puncture repair kit.

After temporarily repairing the tire with the kit, have the tire repaired or replaced by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

WARNING

■ If you have a flat tire

Do not continue driving with a flat tire.

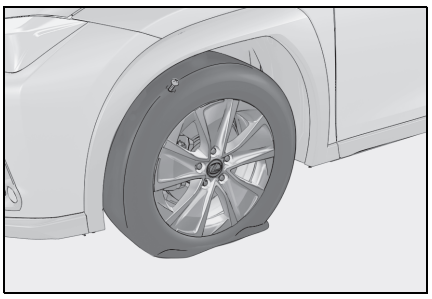
Driving even a short distance with a flat tire can damage the tire and the wheel beyond repair, which could result in an accident.

Before repairing the vehicle

- Stop the vehicle in a safe place on a hard, flat surface.
- Set the parking brake.
- Shift the shift position to P.
- Stop the EV system.
- Turn on the emergency flashers.
- Check the degree of the tire damage.

A tire should only be repaired with the emergency tire puncture repair kit if the damage is caused by a nail or screw passing through the tire tread.

- Do not remove the nail or screw from the tire. Removing the object may widen the opening and make emergency repair with the repair kit impossible.
- To avoid sealant leakage, move the vehicle until the area of the puncture, if known, is positioned at the top of the tire.



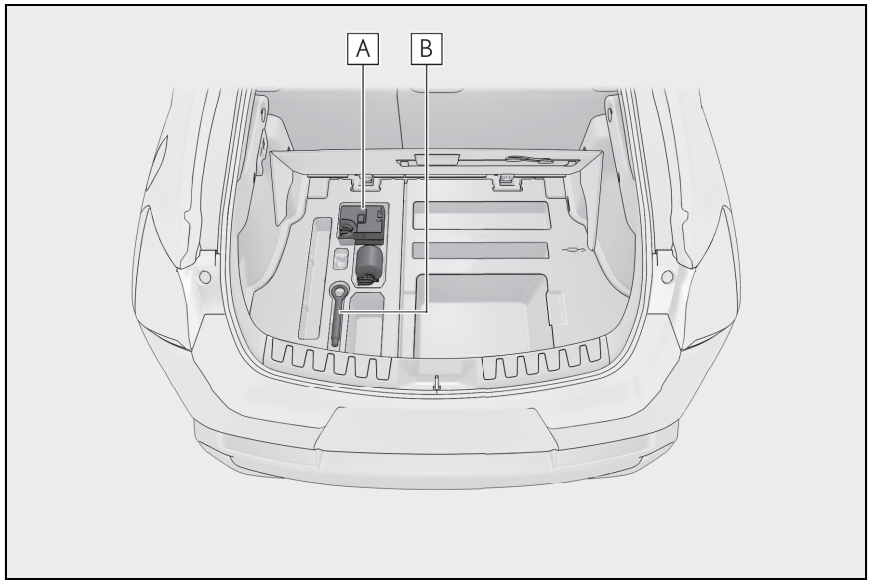
■ A flat tire that cannot be repaired with the emergency tire puncture repair kit

In the following cases, the tire cannot be repaired with the emergency tire puncture repair kit. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- When the tire is damaged due to driving without sufficient air pressure
- When there are any cracks or damage at any location on the tire, such as on the side wall, except the tread
- When the tire is visibly separated from the wheel
- When the cut or damage to the tread is 4

mm (0.16 in.) long or more
- When the wheel is damaged
- When two or more tires have been punctured
- When more than one sharp objects such as nails or screws have passed through the tread on a single tire

Location of the emergency tire puncture repair kit and tools

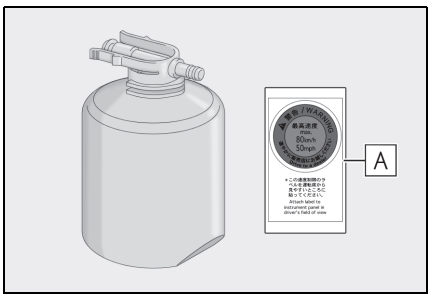


A Emergency tire puncture repair kit

B Towing eyelet

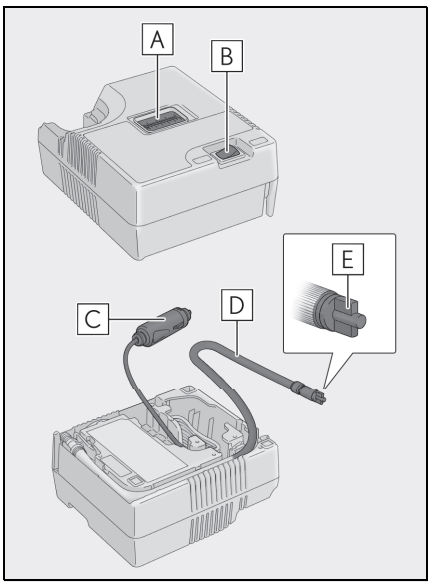
Emergency tire puncture repair kit components

■ Bottle



A Sticker

■ Compressor



A Air pressure gauge

B Compressor switch

C Power plug

D Hose

E Air release cap

■ Emergency tire puncture repair kit

- The sealant stored in the emergency tire puncture repair kit can be used only once to temporarily repair a single tire. If the sealant in the bottle and other parts of the kit have been used and need to be replaced, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- The compressor can be used repeatedly.
- The sealant can be used when the outside temperature is from -30°C (-22°F) to 60°C (140°F).
- The kit is exclusively designed for size and type of tires originally installed on your vehicle. Do not use it for tires that a different size than the original ones, or for any other purposes.
- If the sealant gets on your clothes, it may stain.
- If the sealant adheres to a wheel or the surface of the vehicle body, the stain may not be removable if it is not cleaned at once. Immediately wipe away the sealant with a wet cloth.
- During operation of the repair kit, a loud operation noise is produced. This does not indicate a malfunction.
- Do not use to check or to adjust the tire pressure.

■ Note for checking the emergency tire puncture repair kit

- Check the sealant expiry date occasionally. The expiry date is shown on the bottle.
- Do not use sealant whose expiry date has already passed. Otherwise, repairs conducted using the emergency tire puncture repair kit may not be performed properly.
- The sealant has a limited life span. The expiry date is marked on the bottle. The sealant should be replaced before the expiry date. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for replacement.

WARNING

■ If you have a flat tire

Driving even a short distance with a flat tire can damage the tire and the wheel beyond repair.

Driving with a flat tire may cause a circumferential groove on the side wall. In such a case, the tire may explode when using a repair kit.

■ Caution while driving

- Store the repair kit in the luggage compartment. Injuries may result in the event of an accident or sudden braking.

WARNING

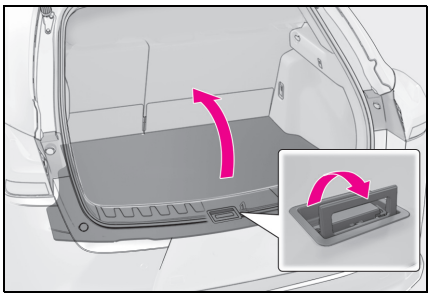
- The repair kit is exclusively only for your vehicle. Do not use repair kit on other vehicles, which could lead to an accident causing death or serious injury.
- Do not use repair kit for tires that are different size than the original ones, or for any other purpose. If the tires have not been completely repaired, it could lead to an accident causing death or serious injury.

■ Precautions for use of the sealant

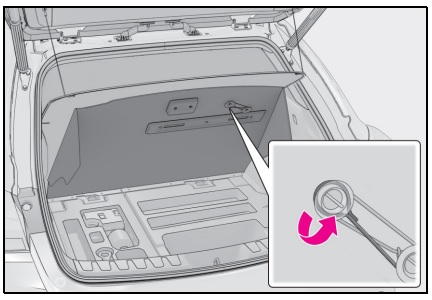
- Ingesting the sealant is hazardous to your health. If you ingest sealant, consume as much water as possible, then immediately consult a doctor.
- If sealant gets in eyes or adheres to skin, immediately wash it off with water. If discomfort persists, consult a doctor.

Taking out the emergency tire puncture repair kit

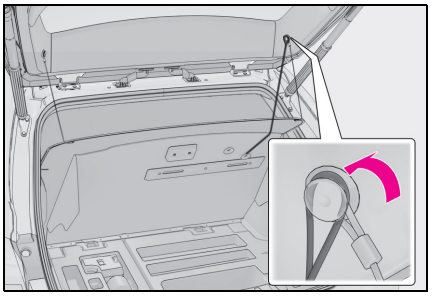
1 Pull the lever upwards and open the deck board.



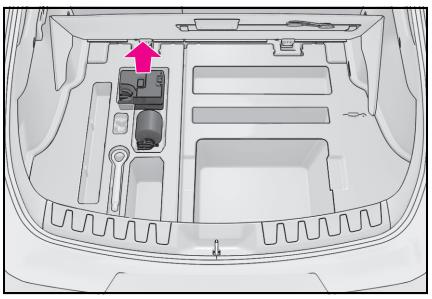
2 Unhook the string on the backside of the deck board.



3 Attach the string to the luggage cover hook on the back door.



4 Take out the emergency tire puncture repair kit.

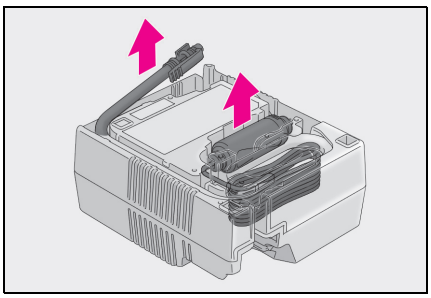


Emergency repair procedure

1 Take out the repair kit from the plastic bag.

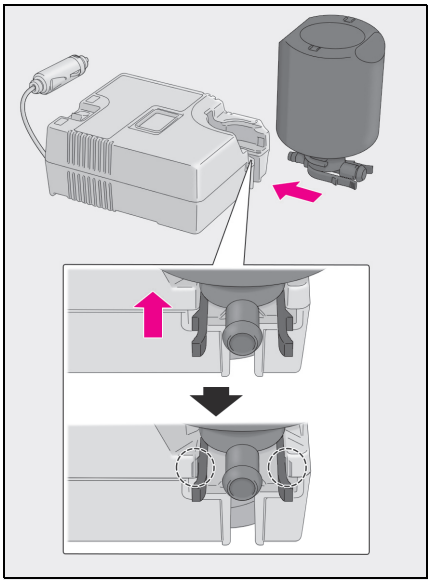
Attach the sticker enclosed with the bottle on the specified locations. (See step **10**.)

2 Remove the hose and take out the power plug from the compressor.



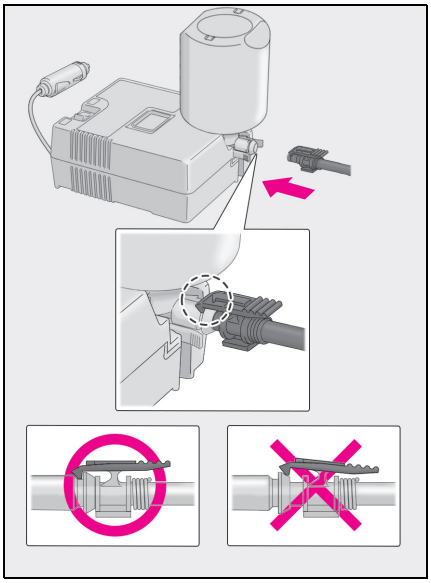
3 Connect the bottle to the compressor.

Insert and connect the bottle straight into the compressor as shown in the illustration, and check that the claws of the bottle are concealed in the holes.

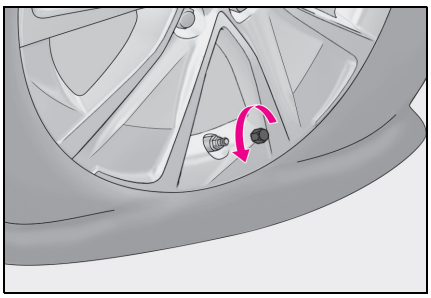


4 Connect the hose to the bottle.

As shown in the illustration, make sure the hose is connected securely to the bottle.



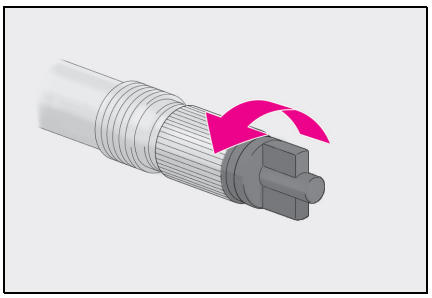
5 Remove the valve cap from the valve of the punctured tire.



6 Extend the hose. Remove the air release cap from the hose.

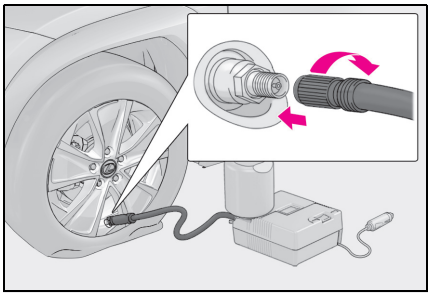
You will use the air release cap again.

Therefore keep it in a safe place.

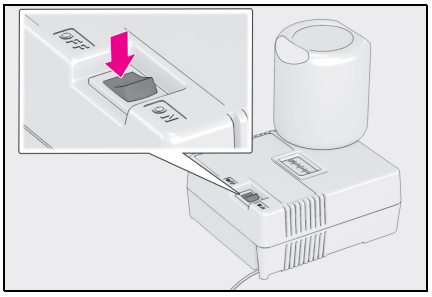


7 Connect the hose to the valve.

Screw the end of the hose clockwise as far as possible.

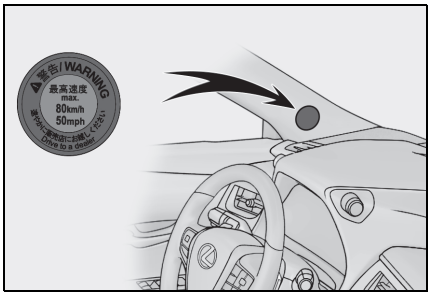


8 Make sure that the compressor switch is off.



9 Connect the power plug to the power outlet socket. (→P.446)

10 Attach the sticker provided with the tire puncture repair kit to a position easily seen from the driver's seat.



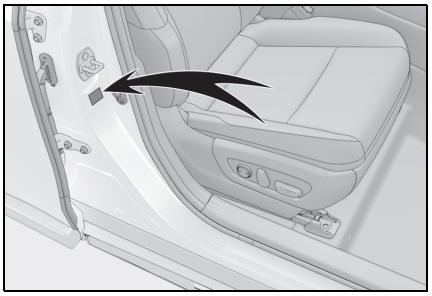
11 Check the specified tire inflation pressure.

Tire inflation pressure is specified on the label as shown. (→P.554)

▶ Left-hand drive vehicles

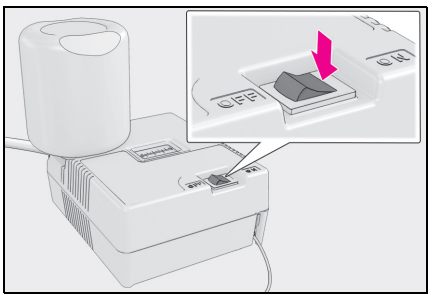


▶ Right-hand drive vehicles

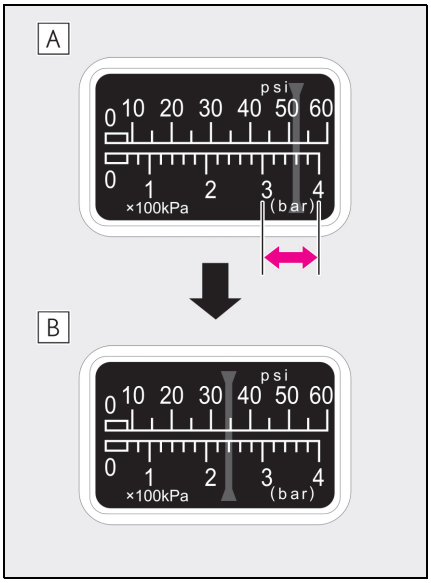


12 Start the EV system. (→P.292)

13 To inject the sealant and inflate the tire, turn the compressor switch on.



14 Inflate the tire until the recommended pressure is reached.



A The sealant will be injected and the pressure will spike to between 300 kPa (3.0 kgf/cm^2 or bar, 44 psi) and 400 kPa (4.0 kgf/cm^2 or bar, 58 psi), then gradually decrease.

B The air pressure gauge will display the actual tire inflation pressure about 1 to 5 minutes after the switch is turned on.

- Turn the compressor switch off and then check the tire inflation pressure. Being careful not to over inflate, check and repeat the inflation procedure until the specified tire inflation pressure is reached.
- The tire can be inflated for about 5 to 20 minutes (depending on the outside temperature). If the tire inflation pressure is still lower than the specified point after inflation for 25 minutes, the tire is too damaged to be repaired. Turn the compressor switch off and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- If the tire inflation pressure exceeds the specified air pressure, let out some air to adjust the tire inflation pressure. (→P.534)

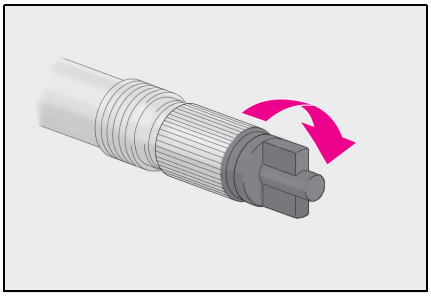
15 With the compressor switch off, pull out the power plug from the power outlet socket and then disconnect the hose from the valve on the tire.

Some sealant may leak when the hose is removed.

16 Install the valve cap onto the valve of the emergency repaired tire.

17 Attach the air release cap to the end of the hose.

If the air release cap is not attached, the sealant may leak and the vehicle may get dirty.

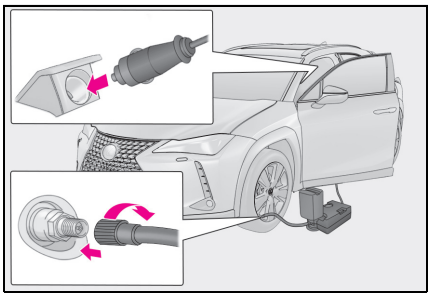


18 Temporarily store the bottle in the luggage compartment while it is connected to the compressor.

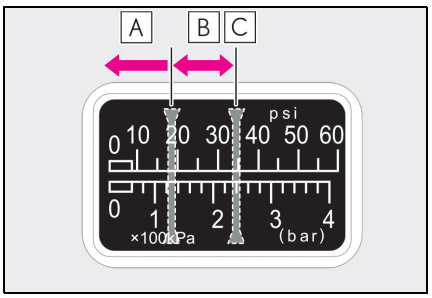
19 To spread the liquid sealant evenly within the tire, immediately drive safely for about 5 km (3 miles) below 80 km/h (50 mph).

20 After driving, stop your vehicle in a safe place on a hard, flat surface and reconnect the repair kit.

Remove the air release cap from the hose before reconnecting the hose.



21 Turn the compressor switch on and wait for several seconds, then turn it off. Check the tire inflation pressure.



A If the tire inflation pressure is under 130 kPa (1.3 kgf/cm^2 or bar, 19 psi): The puncture cannot be repaired. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

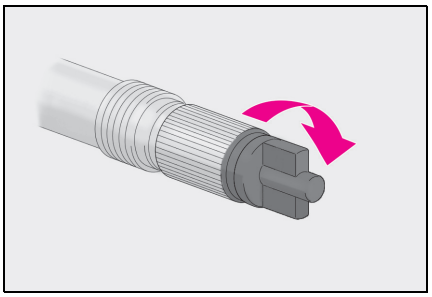
B If the tire inflation pressure is 130 kPa (1.3 kgf/cm^2 or bar, 19 psi) or higher, but less than the specified air pressure: Proceed to step **22**.

C If the tire inflation pressure is the specified air pressure (→P.554): Proceed to step **23**.

22 Turn the compressor switch on to inflate the tire until the specified air pressure is reached. Drive for about 5 km (3 miles) and then perform step **20**.

23 Attach the air release cap to the end of the hose.

If the air release cap is not attached, the sealant may leak and the vehicle may get dirty.



24 Store the bottle in the luggage compartment while it is connected to the compressor.

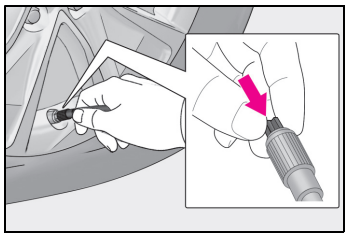
25 Taking precautions to avoid sudden braking, sudden acceleration and sharp turns, drive carefully at under 80 km/h (50 mph) to the nearest authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer that is less than 100 km (62 miles) away for tire repair or replacement.

For repair and replacement of a tire or disposal of the tire puncture repair kit, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

When having the tire repaired or replaced, make sure to tell any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer that the sealant is injected.

■ If the tire is inflated to more than the specified air pressure

1 Disconnect the hose from the valve.
2 Install the air release cap to the end of the hose and push the protrusion on the air release cap into the valve to let some air out.



3 Disconnect the hose from the valve, remove the air release cap from the hose and then reconnect the hose.
4 Turn the compressor switch on and wait for several seconds, then turn it off. Check that the air pressure indicator shows the specified air pressure is reached. (→P.554)
If the air pressure is under the designated pressure, turn the compressor switch on again and repeat the inflation procedure until the specified air pressure is reached.

■ After a tire is repaired with the emergency tire puncture repair kit

- The tire pressure warning valve and transmitter should be replaced.
- Even if the tire inflation pressure is at the recommended level, the tire pressure warning light may come on/flash.

WARNING

■ When fixing the flat tire

- Stop your vehicle in a safe and flat area.
- Do not touch the wheels or the area around the brakes immediately after the vehicle has been driven. After the vehicle has been driven, the wheels and the area around the brakes may be extremely hot. Touching these areas with hands, feet or other body parts may result in burns.

WARNING

- Connect the valve and hose securely with the tire installed on the vehicle.

If the hose is not properly connected to the valve, air leakage may occur as sealant may be sprayed out.

- If the hose comes off the valve while inflating the tire, there is a risk that the hose will move abruptly due to air pressure.
- After inflation of the tire has completed, the sealant may splatter when the hose is disconnected or some air is let out of the tire.
- Follow the operation procedure to repair the tire. If the procedure is not followed, the sealant may spray out.
- Keep back from the tire while it is being repaired, as there is a chance of it bursting while the repair operation is being performed. If you notice any cracks or deformation of the tire, turn off the compressor switch and stop the repair operation immediately.
- The repair kit may overheat if operated for a long period of time. Do not operate the compressor continuously for more than 40 minutes.
- Parts of the repair kit become hot during operation. Be careful handling the repair kit during and after operation. Do not touch the metal part connecting the bottle and the compressor. It will be extremely hot.
- Do not attach the vehicle speed warning sticker to an area other than the one indicated. If the sticker is attached to an area where an SRS airbag is located, such as the pad of the steering wheel, it may prevent the SRS air bag from operating properly.

■ Driving to spread the liquid sealant evenly

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.

- Drive the vehicle carefully at a low speed. Be especially careful when turning and cornering.
- If the vehicle does not drive straight or you feel a pull through the steering wheel, stop the vehicle and check the following:
  - Tire condition. The tire may have separated from the wheel.
  - Tire inflation pressure. If the tire inflation pressure is 130 kPa (1.3 kgf/cm^2 or bar, 19 psi) or less, the tire may be severely damaged.

NOTICE

■ When performing an emergency repair

- Perform the emergency repair without removing the nail or screw that has punctured the tread of the tire. If the object that has punctured the tire is removed, repair by the emergency tire puncture repair kit may not be possible.
- The repair kit is not waterproof. Make sure that the repair kit is not exposed to water, such as when it is being used in the rain.
- Do not put the repair kit directly onto dusty ground such as sand at the side of the road. If the repair kit vacuums up dust, etc., a malfunction may occur.
- Make sure the sealant bottle of the repair kit is in a vertical position. The repair kit does not operate properly when it is laid.

NOTICE

■ Precautions for the emergency tire puncture repair kit

- The repair kit power source should be 12 V DC suitable for vehicle use. Do not connect the repair kit to any other source.
- Place the repair kit in a storage to prevent it from being exposed to dirt or water.
- Store the repair kit in the luggage compartment out of reach of children.
- Do not disassemble or modify the repair kit. Do not subject parts such as the air pressure indicator to impacts. This may cause a malfunction.

■ To avoid damage to the tire pressure warning valves and transmitters

When a tire is repaired with liquid sealants, the tire pressure warning valve and transmitter may not operate properly. If a liquid sealant is used, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer or other qualified service shop as soon as possible. After use of liquid sealant, make sure to replace the tire pressure warning valve and transmitter when repairing or replacing the tire. (→P.482)

If the EV system will not start

Reasons for the EV system not starting vary depending on the situation. Check the following and perform the appropriate procedure:

Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer if the problem cannot be repaired, or if repair procedures are unknown.

The EV system will not start even though the correct starting procedure is being followed. (→P.292)

One of the following may be the cause of the problem:

- The charging cable may be connected to the vehicle. (→P.129)
- The electronic key may not be functioning properly.* (→P.539)
- The traction battery may be completely discharged. Charge the traction battery. (→P.123)
- There may be a malfunction in the immobilizer system.* (→P.75)
- There may be a malfunction in the shift control system.* (→P.295)
- There may be a malfunction in the steering lock system.
- The EV system may be malfunctioning due to an electrical problem such as electronic key battery

depletion or a blown fuse. However, depending on the type of malfunction, an interim measure is available to start the EV system. (→P.537)

- There is a possibility that the temperature of the traction battery is extremely low (approximately below -30°C [-22°F]). (→P.96, 293)

*: It may not be possible to shift the shift position from P.

The interior lights and headlights are dim, or the horn does not sound or sounds at a low volume.

One of the following may be the cause of the problem:

- The 12-volt battery may be discharged. (→P.541)
- The 12-volt battery terminal connections may be loose or corroded. (→P.468)

The interior lights and headlights do not turn on, or the horn does not sound.

One of the following may be the cause of the problem:

- One or both of the 12-volt battery terminals may be disconnected. (→P.468)
- The 12-volt battery may be discharged. (→P.541)

Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer if the problem cannot be repaired, or if repair procedures are unknown.

Emergency start function

When the EV system does not start, the following steps can be used as an interim measure to start the EV system if the power switch is functioning normally.
Do not use this starting procedure except in cases of emergency.

1. Set the parking brake.
2. Turn the power switch to ACC.
3. Press and hold the power switch for about 15 seconds while depressing the brake pedal firmly.

Even if the EV system can be started using the above steps, the system may be malfunctioning. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

If you lose your keys

New genuine mechanical keys can be made by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer using another mechanical key and the key number stamped on your key number plate. Keep the plate in a safe place such as your wallet, not in the vehicle.

NOTICE

When an electronic key is lost

If the electronic key remains lost, the risk of vehicle theft increases significantly. Visit any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately with all remaining electronic keys and the card key (if equipped) that were provided with your vehicle.

If the charging port lids cannot be opened

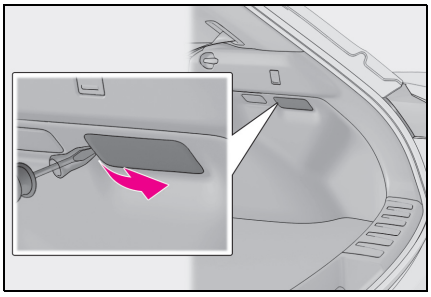
If the charging port lids cannot be opened when using the normal procedure, the following procedure can be used to open the charging port lids.

Opening the charging port lids

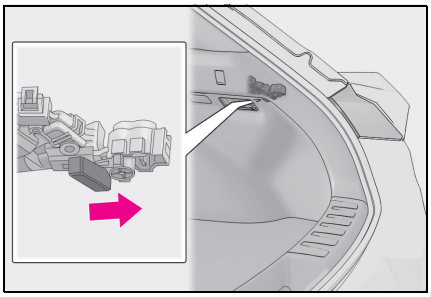
AC charging port lid

1 Remove the cover inside the luggage compartment by inserting a flathead screwdriver.

When removing the cover, to prevent damage, cover the tip of the screwdriver with a rag.



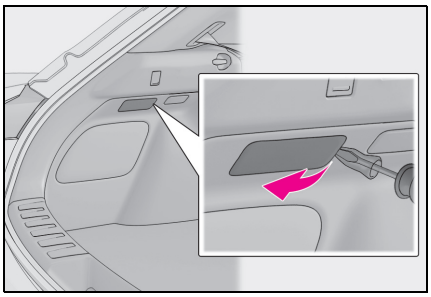
2 Pull the lever (white).



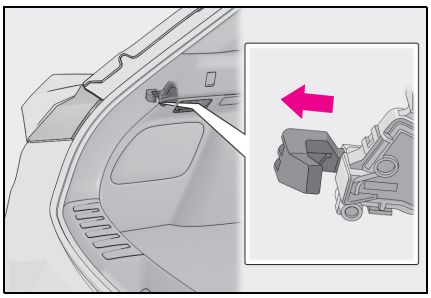
■ DC charging port lid

1 Remove the cover inside the luggage compartment by inserting a flathead screwdriver.

When removing the cover, to prevent damage, cover the tip of the screwdriver with a rag.



2 Pull the lever (black).



If the electronic key does not operate properly

If communication between the electronic key and vehicle is interrupted (→P.208) or the electronic key cannot be used because the battery is depleted, the smart entry & start system and wireless remote control cannot be used. In such cases, the doors can be opened and the EV system can be started by following the procedure below.

■ When the electronic key does not work properly

- Make sure that the smart entry & start system has not been deactivated using the Remote Touch or at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer. If it is off, turn the function on.
- Check if battery-saving mode is set. If it is set, cancel the function. (→P.208)

NOTICE

■ In case of a smart entry & start system malfunction or other key-related problems

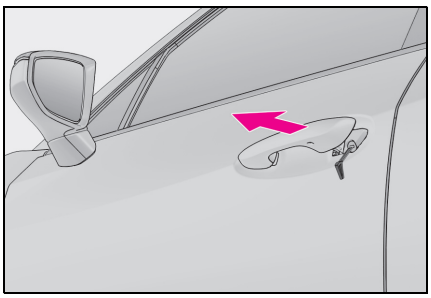
Take your vehicle with all the electronic keys provided with your vehicle, including the card key, to any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Locking and unlocking the doors

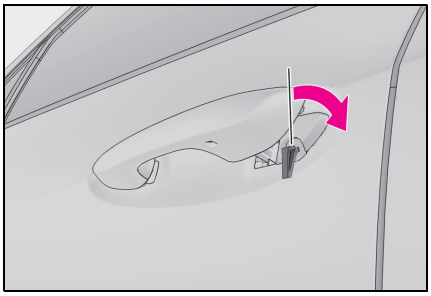
■ Unlocking the door

Use the mechanical key to perform the following operations. (→P.188)

1 Insert the mechanical key while pulling on the driver's door handle.



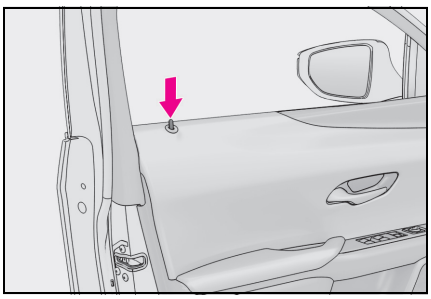
2 Unlock the door.



3 Remove the key, return the handle, and then pull the handle again.

■ Locking the door

1 With the door open, push down the inside lock button.



▶ For the front doors

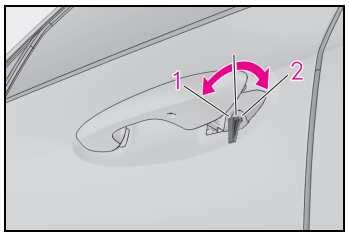
2 Close the door while pulling the door handle.

▶ For the rear doors

2 Close the door.

■ Key linked functions

The opening and closing of the power windows and moon roof can be linked to key operation by a customized setting.



1 Closes the windows and moon roof (turn and hold)

2 Opens the windows and moon roof (turn and hold)

WARNING

■ When using the mechanical key and operating the power windows or moon roof (if equipped)

Operate the power window or moon roof after checking to make sure that there is no possibility of any passenger having any of their body parts caught in the window or moon roof.
Also, do not allow children to operate the wireless remote control or mechanical key. It is possible for children and other passengers to get caught in the power window or moon roof.

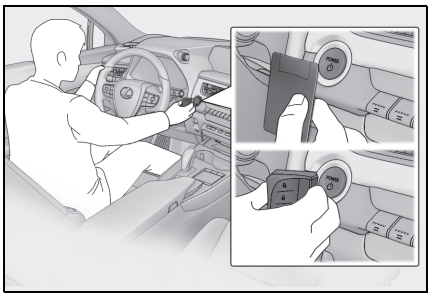
Starting the EV system

1 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 sounds and the power switch will

turn to ON.
When the smart entry & start system is deactivated in customization setting, the power switch will turn to ACC.



3 Firmly depress the brake pedal and check that is shown on the multi-information display.

4 Press the power switch.

In the event that the EV system still cannot be started, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **Stopping the EV system**

Set the parking brake, shift the shift position to P and press the power switch as you normally do when stopping the EV system.

■ **Electronic key battery**

As the above procedure is a temporary measure, it is recommended that the electronic key battery be replaced immediately when the battery is depleted. (→P.496)

■ **Alarm (if equipped)**

Using the mechanical key to lock the doors will not set the alarm system.
If a door is unlocked using the mechanical key when the alarm system is set, the alarm may be triggered. (→P.87)

■ **Changing power switch modes**

Release the brake pedal and press the power switch in step **3** above.
The EV system does not start and modes will be changed each time the switch is pressed. (→P.295)

If the 12-volt battery is discharged

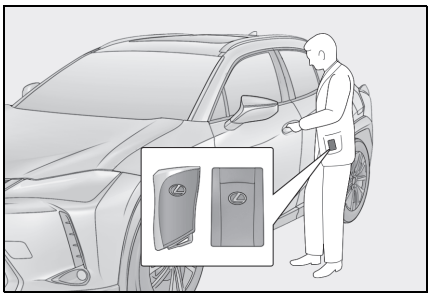
The following procedures may be used to start the EV system if the vehicle's 12-volt battery is discharged.
You can also call any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Restarting the EV system

If you have a set of jumper (or booster) cables and a second vehicle with a 12-volt battery, you can jump start your vehicle by following the steps below.

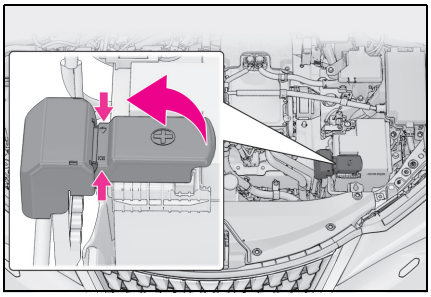
1 Confirm that the electronic key is being carried.

When connecting the jumper (or booster) cables, depending on the situation, the alarm may activate and the doors may lock. (→P.88)

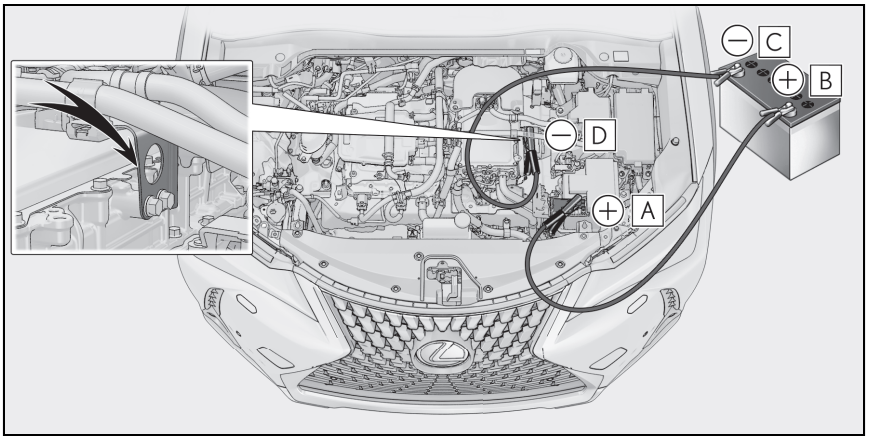


2 Open the hood (→P.463).

3 Open the positive (+) battery terminal cover while pushing the side of the cover as shown in the illustration.



4 Connect a positive jumper cable clamp to A on your vehicle and connect the clamp on the other end of the positive cable to B on the second vehicle. Then, connect a negative cable clamp to C on the second vehicle and connect the clamp at the other end of the negative cable to D .



A Positive (+) battery terminal (your vehicle)

B Positive (+) battery terminal (second vehicle)

C Negative (-) battery terminal (second vehicle)

D Solid, stationary, unpainted metallic point away from the battery and any moving parts as shown in the illustration

5 Start the engine of the second vehicle. Increase the engine speed slightly and maintain at that level for approximately 5 minutes to recharge the 12-volt battery of your vehicle.

6 Open and close any of the doors of your vehicle with the power switch OFF.

7 Maintain the engine speed of the second vehicle and start the EV system of your vehicle by turning the power switch to ON.

8 Make sure the "READY" indicator comes on. If the indicator light does not come on, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

9 Once the EV system has started, remove the jumper cables in the exact reverse order from which they were connected.

Once the EV system starts, have the vehicle inspected at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as soon as possible.

■ **Starting the EV system when the 12-volt battery is discharged**

The EV system cannot be started by push-starting.

■ **To prevent 12-volt battery discharge**

- Turn off the headlights, the air conditioning system, the audio system, etc. while the EV system is off.
- Turn off any unnecessary electrical components when the vehicle is running at a low speed for an extended period, such as in heavy traffic.

■ **Charging the 12-volt battery**

The electricity stored in the 12-volt battery will discharge gradually even when the vehicle is not in use, due to natural discharge and the draining effects of certain electrical appliances. If the vehicle is left for a long time, the 12-volt battery may discharge, and the EV system may be unable to start. (The 12-volt battery recharges automatically while the EV system is operating.)

■ **When the 12-volt battery is removed or discharged**

- Information stored in the ECU is cleared. When the 12-volt battery is depleted, have the vehicle inspected at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- In some cases, it may not be possible to unlock the doors using the smart entry & start system when the 12-volt battery is discharged. Use the wireless remote control or the mechanical key to lock or unlock the doors.
- The EV system may not start on the first attempt after the 12-volt battery has recharged but will start normally after the second attempt. This is not a malfunction.

- The power switch mode is memorized by the vehicle. When the 12-volt battery is reconnected, the system will return to the mode it was in before the 12-volt battery was discharged. Before disconnecting the 12-volt battery, turn the power switch off.
  If you are unsure what mode the power switch was in before the 12-volt battery discharged, be especially careful when reconnecting the 12-volt battery.
- If the 12-volt battery discharges, it may not be possible to shift the shift position to other positions. In this case, the vehicle cannot be towed without lifting both front wheels because the front wheels will be locked. (→P.510)
- The power back door must be initialized. (→P.202)

■ When replacing the 12-volt battery

- Use a 12-volt battery that conforms to European regulations.
- Use a 12-volt battery that the case size is same as the previous one (LN0), 20 hour rate capacity (20HR) is equivalent (35Ah) or greater, and performance rating (CCA) is equivalent (240A) or greater.
  - If the sizes differ, the 12-volt battery cannot be properly secured.
  - If an improper 12-volt battery is used, battery performance may decrease and the EV system may not be able to restart.
  - If the 20 hour rate capacity is low, even if the time period where the vehicle is not used is a short time, the 12-volt battery may discharge and EV system may not be able to start.

For details, consult with at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as soon as possible.

⚠ WARNING

■ When removing the 12-volt battery terminals

Always remove the negative (-) terminal first. If the positive (+) terminal contacts any metal in the surrounding area when the positive (+) terminal is removed, a spark may occur, leading to a fire in addition to electrical shocks and death or serious injury.

■ Avoiding 12-volt battery fires or explosions

Observe the following precautions to prevent accidentally igniting the flammable gas that may be emitted from the 12-volt battery:

- Make sure each jumper cable is connected to the correct terminal and that it is not unintentionally in contact with any other than the intended terminal.
- Do not allow the other end of the jumper cable connected to the "+" terminal to come into contact with any other parts or metal surfaces in the area, such as brackets or unpainted metal.
- Do not allow the + and - clamps of the jumper cables to come into contact with each other.
- Do not smoke, use matches, cigarette lighters or allow open flame near the 12-volt battery.

WARNING

■ 12-volt battery precautions

The 12-volt battery contains poisonous and corrosive acidic electrolyte, while related parts contain lead and lead compounds. Observe the following precautions when handling the 12-volt battery:

- When working with the 12-volt battery, always wear safety glasses and take care not to allow any battery fluids (acid) to come into contact with skin, clothing or the vehicle body.
- Do not lean over the 12-volt battery.
- In the event that battery fluid (acid) comes into contact with the skin or eyes, immediately wash the affected area with water and seek medical attention.
  Place a wet sponge or cloth over the affected area until medical attention can be received.
- Always wash your hands after handling the 12-volt battery and other battery-related parts.
- Do not allow children near the 12-volt battery.

■ When replacing the 12-volt battery

- When the vent plug is close to the hold down clamp, the battery fluid (acid) may leak.
- For information regarding battery replacement, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

NOTICE

■ When handling jumper cables

When connecting the jumper cables, ensure that they do not become entangled in the cooling fans.

If your vehicle overheats

When "EV System overheated Output power reduced" is shown on the multi-information display, your vehicle may be overheating.

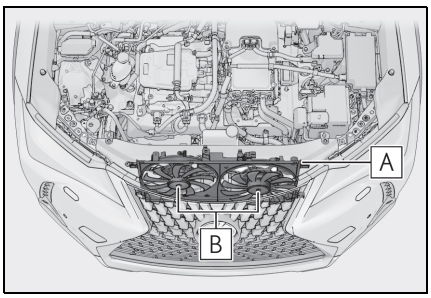
Correction procedures

1 Stop the vehicle in a safe place and turn off the air conditioning system.

2 Leave the EV system operating and carefully lift the hood.

3 Check if the cooling fans are operating.
If the fans are operating:
Wait until the "EV System overheated Output power reduced" message disappears and then stop the EV system. If the message does not disappear, call any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
If the fans are not operating:
Stop the EV system immediately and call any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

4 After the EV system has cooled down, inspect the hoses and radiator core (radiator) for any leaks.

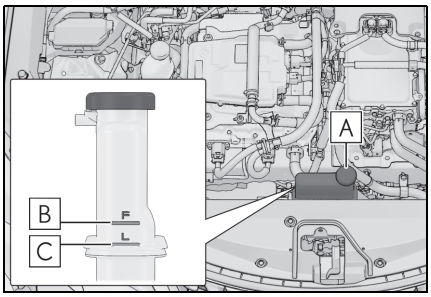


A Radiator

B Cooling fans

If a large amount of coolant leaks, immediately contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

5 The coolant level is satisfactory if it is between the "F" and "L" lines on the reservoir.



A Reservoir

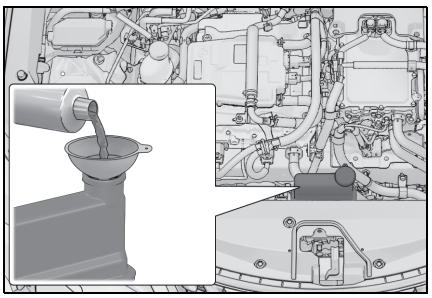
B "F" line

C "L" line

6 Add coolant if necessary.

Water can be used in an emergency if

coolant is unavailable.



Have the vehicle inspected at the nearest authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as soon as possible.

WARNING

■ To prevent an accident or injury when inspecting under the hood of your vehicle

Observe the following precautions.

Failure to do so may result in serious injury such as burns.

- If steam is seen coming from under the hood, do not open the hood until the steam has subsided. The motor compartment may be very hot.
- Keep hands and clothing (especially a tie, a scarf or a muffler) away from the fans. Failure to do so may cause the hands or clothing to be caught, resulting in serious injury.
- Do not loosen the coolant reservoir cap while the EV system and radiator are hot. High temperature steam or coolant could spray out.

NOTICE

■ When adding power control unit coolant

Add coolant slowly after the EV system has cooled down sufficiently. Adding cool coolant to a hot EV system too quickly can cause damage to the EV system.

■ To prevent damage to the cooling system

Observe the following precautions:

- Avoid contaminating the coolant with foreign matter (such as sand or dust, etc.).
- Do not use any coolant additive.

If the vehicle becomes stuck

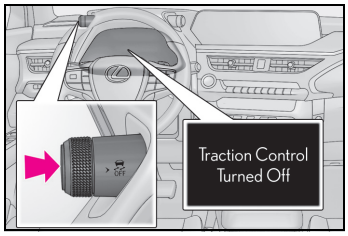
Carry out the following procedures if the tires spin or the vehicle becomes stuck in mud, dirt or snow:

Recovering procedure

1. Stop the EV system. Set the parking brake and shift the shift position to P.
2. Remove the mud, snow or sand from around the front wheels.
3. Place wood, stones or some other material under the front wheels to help provide traction.
4. Restart the EV system.
5. Shift the shift position to D or R and release the parking brake. Then, while exercising caution, depress the accelerator pedal.

■ When it is difficult to free the vehicle

Press the > OFF switch to turn off TRC. (→P.404)



WARNING

■ When attempting to free a stuck vehicle

If you choose to push the vehicle back and forth to free it, make sure the surrounding area is clear to avoid striking other vehicles, objects or people. The vehicle may also lunge forward or lunge back suddenly as it becomes free. Use extreme caution.

■ When shifting the shift position

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

NOTICE

■ To avoid damage to the transmission and other components

- Avoid spinning the tires and depressing the accelerator pedal more than necessary.
- If the vehicle remains stuck even after these procedures are performed, the vehicle may require towing to be freed.

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Maintenance data

Dimensions and weights

Overall length		4495 mm (177.0 in.)
Overall width*1		1840 mm (72.4 in.)
Overall height*2		1545 mm (60.8 in.)
Wheelbase		2640 mm (103.9 in.)
Tread	Front	1558 mm (61.3 in.)*3 1548 mm (60.9 in.)*4
	Rear	1560 mm (61.4 in.)*3 1550 mm (61.0 in.)*4
Gross vehicle mass		2245 kg (4949 lb.)
Maximum permissible axle capacity	Front	1270 kg (2800 lb.)
	Rear	1270 kg (2800 lb.)

*1: Overall width not including parts Outside rear view mirrors

*2: Unladen vehicle

*3: Vehicles with 215/60R17 tires

*4: Vehicles with 225/50R18 tires

Vehicle identification

■ Vehicle identification number

The vehicle identification number (VIN) is the legal identifier for your vehicle.
This is the primary identification number for your Lexus. It is used in registering the ownership of your vehicle.

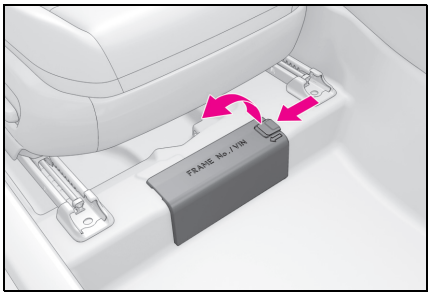
This number is stamped on the top left of the instrument panel.



This number is also on the manufacturer's label.

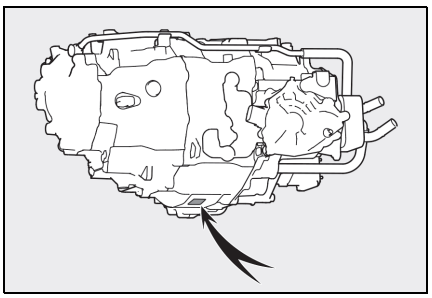


This number is also stamped under the right-hand front seat.



■ **Motor model type and motor number**

The motor model type and the motor number are stamped on the motor as shown.



Electric motor (traction motor)

Model	4KM
Type	Permanent magnet synchronous motor
Maximum output	150 kW
Maximum torque	300 N•m (30.6 kgf•m, 221.3 ft•lbf)

Traction battery

Type	Lithium-ion battery
Voltage	3.7 V/cell
Capacity	153 Ah
Quantity	288 cells
Nominal voltage	355.2 V

Cooling system

■ Power control unit

Capacity*	2.5 L (2.6 qt., 2.3 Imp.qt.)
Coolant type	Use either of the following: • "Toyota Super Long Life Coolant" • Similar high-quality ethylene glycol-based non-silicate, non-amine, non-nitrite, and non-borate coolant with long-life hybrid organic acid technology Do not use plain water alone.

*: The coolant capacity is the quantity of reference.
If replacement is necessary, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Heater system

Capacity	1.4 L (1.5 qt., 1.2 Imp.qt.)
Coolant type	Use either of the following: • "Toyota Super Long Life Coolant" • Similar high-quality ethylene glycol-based non-silicate, non-amine, non-nitrite, and non-borate coolant with long-life hybrid organic acid technology Do not use plain water alone.

Electrical system

■ 12-volt battery

Specific gravity reading at 20°C (68°F):	1.250 or higher If the specific gravity is lower than the standard value, charge the 12-volt battery.
Charging rates: Quick charge Slow charge	 15 A max. 5 A max.

Transmission

Fluid capacity*	4.3 L (4.5 qt., 3.8 Imp.qt.)
Fluid type	Toyota Genuine ATF WS

*: The fluid capacity is a reference quantity.
If replacement is necessary, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

NOTICE

■ Transmission fluid type

Using transmission fluid other than the above type may cause abnormal noise or vibration, or ultimately damage the transmission of your vehicle.

Brakes

Pedal clearance*1	109 mm (4.29 in.) Min.
Pedal free play	1.0 - 6.0 mm (0.04 - 0.24 in.)
Parking brake indicator*2	When pushing the parking brake switch for 1 to 4 seconds: comes on When pulling the parking brake switch for 1 to 4 seconds: turns off
Fluid type	SAE J1703 or FMVSS No. 116 DOT 3, SAE J1704 or FMVSS No. 116 DOT 4

*1: Minimum pedal clearance when depressed with a force of 300 N (31 kgf, 66 lbf) while the EV system is operating.

*2: Make sure to confirm that the brake system warning light (yellow) does not illuminate. (If the brake system warning light illuminates, refer to P.515)

Steering

Free play	Less than 30 mm (1.2 in.)

Tires and wheels

▶ 17-inch tires

Tire size	215/60R17 96H
Tire inflation pressure (Recommended cold tire inflation pressure)	Front: 250 kPa (2.5 kgf/cm^2 or bar, 36 psi) Rear: 250 kPa (2.5 kgf/cm^2 or bar, 36 psi)
Wheel size	17 × 6 1/2 J
Wheel nut torque	103 N•m (10.5 kgf•m, 76 ft•lbf)

▶ 18-inch tires

Tire size	225/50R18 95V
Tire inflation pressure (Recommended cold tire inflation pressure)	Front: 230 kPa (2.3 kgf/cm^2 or bar, 33 psi) Rear: 230 kPa (2.3 kgf/cm^2 or bar, 33 psi)
Wheel size	18 × 7 J
Wheel nut torque	103 N•m (10.5 kgf•m, 76 ft•lbf)

Light bulbs

	Light bulbs	W	Type
Exterior	Front turn signal lights (vehicles with single-beam headlights)	21	A
Interior	Vanity lights	8	B

A: Wedge base bulbs (amber)

B: Wedge base bulbs (clear)

Customizable features

Your vehicle includes a variety of electronic features that can be personalized to your preferences. The settings of these features can be changed by using the meter control switches, the Remote Touch or at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Customizing vehicle features

■ Changing using the meter control switches

1 Press < or > of the meter control switches, select ⚙.

2 Press ∧ or ∨ of the meter control switches, select the item, and press "OK".

3 Press ∧ or ∨ of the meter control switches, select the desired setting, and press "OK".

To go back to the previous screen or exit the customize mode, press ↩.

■ Changing using the Remote Touch

1 Press the "MENU" button on the Remote Touch.

2 Select "Setup" on the menu screen and select "Vehicle".

3 Select "Vehicle customisation".

Various setting can be changed. Refer to the list of settings that can be changed for details.

For details on the Remote Touch, refer to the "NAVIGATION AND MULTIMEDIA SYSTEM OWNER'S MANUAL".

■ When customizing using the Remote Touch

Stop the vehicle in a safe place, apply the parking brake, and shift the shift position to P. Also, to prevent 12-volt battery discharge, leave the EV system operating while customizing the features.

NOTICE

■ During customization

To prevent 12-volt battery discharge, ensure that the EV system is operating while customizing features.

Customizable features

Some function settings are changed simultaneously with other functions being customized. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for further details.

A Settings that can be changed using the Remote Touch

B Settings that can be changed using the meter control switches

C Settings that can be changed by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer

Definition of symbols: O = Available, — = Not available

■ **EV system (→P.126, 133)**

Function	Default setting	Customized setting	A	B	C
Charging current	MAX	16A	—	O	—
		8A			
Charging limit	Full	90%	—	O	—
Battery cooler	On	Off	—	O	—

■ **Alarm (→P.87)**

Function	Default setting	Customized setting	A	B	C
Cancellation when the mechanical key is used to unlock	Off	On	—	—	O

■ **Gauges, meters and multi-information display (→P.173, 176)**

Function*1	Default setting	Customized setting	A	B	C
Language*2	English	French	—	O	—
		German			
		Italian			
		Dutch			
		Spanish			
		Russian			
		Turkish			
		Arabic			
Units*2	km (kWh/100km)	km (km/kWh)	—	O	—
		miles (miles/kWh)			
Speedometer display	Digital	Analog	—	O	—

Function*1	Default setting	Customized setting	A	B	C
Drive information 1	Current electricity consumption Average electricity consumption (after reset)	*3	—	O	—
Drive information 2	Distance (driving range) Average vehicle speed (after reset)	*3	—	O	—
Clock	24-hour display	12-hour display	—	O	—
Pop-up display	On	Off	—	O	—
Accent color	Color 1	Color 2	O	O	—
Suggestion function	On	On (when the vehicle is stopped) Off	O	—	O

*1: For details about each function: →P.178

*2: The default setting varies according to country.

*3: 2 of the following items: current electricity consumption, average electricity consumption (after reset), average electricity consumption (after start), average electricity consumption (after recharging), average vehicle speed (after reset), average vehicle speed (after start), elapsed time (after reset), elapsed time (after start), distance (driving range), distance (after start), blank.

■ Head-up Display* (→P.180)

Function	Default setting	Customized setting	A	B	C
EV system	EV System Indicator	No content	—	O	—
Driving support display (Navigation system*)	On	Off	—	O	—

Function	Default setting	Customized setting	A	B	C
Driving support display (Driving assist*)	On	Off	—	O	—
Driving support display (Compass*)	On	Off	—	O	—
Driving support display (Audio)	On	Off	—	O	—
Rotation	Horizontal position	Rotating counter-clockwise/clockwise	—	O	—

*: If equipped

■ **Door lock (→P.190, 539)**

Function	Default setting	Customized setting	A	B	C
Unlocking using a mechanical key	All doors unlocked in one step	Driver's door unlocked in one step, all doors unlocked in two step	—	—	O
Speed linked door locking function	On	Off	O	—	O
Shift position linked door locking function	Off	On	O	—	O
Shift position linked door unlocking function	Off	On	O	—	O
Driver's door linked door unlocking function	On	Off	O	—	O

■ **Power back door* (→P.197)**

Function	Default setting	Customized setting	A	B	C
Power back door opening position	5	1 to 4	O	—	—
Power back door operation	On	Off	—	O	—
Buzzer volume	Level 3	Level 1	—	O	—
		Level 2			

Function	Default setting	Customized setting	A	B	C
Operation buzzer	Off	On	—	—	O
Hands Free Power Back Door (kick sensor)	On	Off	—	O	O
Hands Free Power Back Door (kick sensor) when the power switch is OFF*	On	Off	—	—	O

*: If equipped

■ **Smart entry & start system* and wireless remote control** (→P.188, 207)

Function	Default setting	Customized setting	A	B	C
Time elapsed before automatic door lock function is activated if door is not opened after being unlocked	30 seconds	60 seconds	—	—	O
		120 seconds			
Open door warning buzzer	On	Off	—	—	O

*: If equipped

■ **Smart entry & start system*** (→P.207)

Function	Default setting	Customized setting	A	B	C
Smart entry & start system	On	Off	O	—	O
Smart door unlocking	All the doors	Driver's door	O	—	O
Time elapsed before unlocking all the door when gripping and holding the driver's door handle	2 seconds	Off	—	—	O
		1.5 seconds			
		2.5 seconds			
Number of consecutive door lock operations	As many as desired	2 times	—	—	O

*: If equipped

■ **Wireless remote control (→P.188)**

Function	Default setting	Customized setting	A	B	C
Wireless remote control	On	Off	—	—	O
Unlocking operation	All doors unlocked in one step	Driver's door unlocked in one step, all doors unlocked in two step	O	—	O
The function that activates the  switch of the wireless remote control when locking the door (→P.197)*	Off	On (Unlocking all the door)	—	—	O
		On (Unlocking back door only)			

*: If equipped

■ **Steering wheel (→P.273)**

Function	Default setting	Customized setting	A	B	C
Auto tilt away function	Tilt only	Off	O	—	O
		Telescopic only			
		Tilt & telescopic			

■ **Outside rear view mirrors (→P.275)**

Function	Default setting	Customized setting	A	B	C
Automatic mirror folding and extending operation*	Linked to the locking/unlocking of the doors	Off	—	—	O
		Linked to operation of the power switch			

*: If equipped

■ **Power windows and moon roof*** (→P.278, 280)

Function	Default setting	Customized setting	A	B	C
Mechanical key linked operation	Off	On	—	—	O
Wireless remote control linked operation	Off	On	—	—	O
Wireless remote control linked operation signal (buzzer)	On	Off	—	—	O

*: If equipped

■ **Automatic light control system** (→P.307)

Function	Default setting	Customized setting	A	B	C
Light sensor sensitivity	Standard	-2 to 2	O	—	O
Extended Headlight Lighting (Time elapsed before headlights automatically turn off)	30 seconds	60 seconds	—	—	O
		90 seconds			
		120 seconds			

■ **Lights** (→P.307)

Function	Default setting	Customized setting	A	B	C
Welcome lighting	On	Off	—	—	O
Light reminder buzzer	On	Off	—	—	O

■ **Rear window wiper** (→P.322)

Function	Default setting	Customized setting	A	B	C
Rear window wiper operation when the back door is opened	On	Off	—	—	O
Washer linked rear window wiper operation	On	Off	—	—	O
Shift position linked rear window wiper operation	Once	Off	—	—	O
		Continuous			

■ AHS (Adaptive High-beam System)*1 (→P.309)

Function	Default setting	Customized setting	A	B	C
Adaptive High-beam System	On	Off*2	—	—	O
Clearance between a vehicle ahead and the shaded high beams	Wide	Narrow	—	—	O
		Standard			
Intensity adjustment of the high beams when driving around a curve (illuminates the area in the direction vehicle is turning more brightly)	On	Off	—	—	O
Projection distance adjustment of the low beams according to the distance to a preceding vehicle	On	Off	—	—	O
Illumination of the cornering lights when starting off	On	Off	—	—	O
High beam light distribution control for rain	On	Off	—	—	O

*1: If equipped

*2: The headlights will operate under AHB (Automatic High Beam) control. (→P.313)

■ PCS (Pre-Collision System)* (→P.335)

Function	Default setting	Customized setting	A	B	C
PCS (Pre-Collision System)	On	Off	—	O	—
Adjust alert timing	Middle	Early	—	O	—
		Late			

*: If equipped

■ LTA (Lane Tracing Assist)* (→P.342)

Function	Default setting	Customized setting	A	B	C
Vehicle sway warning function	On	Off	—	O	—

Function	Default setting	Customized setting	A	B	C
Vehicle sway warning sensitivity	Standard	High	—	O	—
		Low			
Lane centering function	On	Off	—	O	—
Steering assist function	On	Off	—	O	—
Alert type	Steering wheel vibration	Buzzer	—	O	—
Alert sensitivity	High	Standard	—	O	—

*: If equipped

■ **RSA (Road Sign Assist)*1 (→P.351)**

Function	Default setting	Customized setting	A	B	C
RSA (Road Sign Assist)*2	On	Off	—	O	—
Excess speed notification method*3	Display only	No notification	—	O	—
		Display and buzzer			
Excess speed notification level	2 km/h (1 mph)	5 km/h (3 mph)	—	O	—
		10 km/h (5 mph)			
No overtaking notification method	Display only	No notification	—	O	—
		Display and steering wheel vibration			
Other notifications method (No-entry notification)*4	Display only	No notification	—	O	—
		Display and buzzer			

*1: If equipped

*2: RSA function becomes on when the power switch is turned to ON.

*3: If a speed limit with supplemental mark is exceeded, the notification buzzer does not operate.

*4: Vehicles with navigation system

■ **Dynamic radar cruise control with full-speed range*** (→P.355)

Function	Default setting	Customized setting	A	B	C
Dynamic Radar Cruise Control with Road Sign Assist*	Off	On	—	O	—

*: If equipped

■ **BSM (Blind Spot Monitor)*** (→P.366)

Function	Default setting	Customized setting	A	B	C
Outside rear view mirror indicator brightness	Bright	Dim	—	O	—
Alert timing for presence of approaching vehicle (sensitivity)	Intermediate	Early	—	O	—
		Late			
		Only when vehicle detected in blind spot			
BSM (Blind Spot Monitor)	On	Off	—	O	—

*: If equipped

■ **Lexus parking assist-sensor*** (→P.378)

Function	Default setting	Customized setting	A	B	C
Lexus parking assist-sensor	On	Off	—	O	—

*: If equipped

■ **RCTA (Rear Crossing Traffic Alert) function*** (→P.385)

Function	Default setting	Customized setting	A	B	C
RCTA (Rear Crossing Traffic Alert) function	On	Off	—	O	—

*: If equipped

■ PKSA (Parking Support Alert)* (→P.377)

Function	Default setting	Customized setting	A	B	C
Buzzer volume	Level 2	Level 1	—	O	—
		Level 3			

*: If equipped

■ PKSB (Parking Support Brake)* (→P.389)

Function	Default setting	Customized setting	A	B	C
PKSB (Parking Support Brake) function	On	Off	—	O	—

*: If equipped

■ Automatic air conditioning system (→P.420)

Function	Default setting	Customized setting	A	B	C
Switching between outside air and recirculated air mode linked to "AUTO" switch operation	On	Off	O	—	O
A/C auto switch operation	On	Off	O	—	O

■ Remote Air Conditioning System (→P.429)

Function	Default setting	Customized setting	A	B	C
Operation using the "A/C" button on the wireless remote control	Press and hold for 0.8 seconds	Press once	—	—	O
		Press twice			
		Press and hold for 2.4 seconds			
		Off			

Function	Default setting	Customized setting	A	B	C
Stopping the operation using the "A/C" button on the wireless remote control	Press twice	Press once	—	—	O
		Press and hold for 0.8 seconds			
		Press and hold for 2.4 seconds			
		Off			

■ **Seat heater*/seat ventilators*** (→P.431)

Function	Default setting	Customized setting	A	B	C
Driver's seat temperature preference in automatic mode	Standard	-2 (cooler) to 2 (warmer)	O	—	O
Passenger's seat temperature preference in automatic mode	Standard	-2 (cooler) to 2 (warmer)	O	—	O

*: If equipped

■ **Heated steering wheel*** (→P.431)

Function	Default setting	Customized setting	A	B	C
Steering wheel heating preference in automatic mode	Standard	-2 (low) to 2 (high)	O	—	O

*: If equipped

■ **Illumination** (→P.435)

Function	Default setting	Customized setting	A	B	C
Time elapsed before the interior lights turn off	15 seconds	Off	O	—	O
		7.5 seconds			
		30 seconds			
Operation after the power switch is turned off	On	Off	—	—	O
Operation when the doors are unlocked	On	Off	—	—	O

Function	Default setting	Customized setting	A	B	C
Operation when you approach the vehicle with the electronic key on your person	On	Off	—	—	O
Footwell lights	On	Off	—	—	O
Time elapsed before the outside door handle lights turn off*	15 seconds	Off	O	—	O
		7.5 seconds			
		30 seconds			
Outside door handle lights*	On	Off	—	—	O
Operation of the outside door handle lights when you approach the vehicle with the electronic key on your person*	On	Off	—	—	O
Operation of the outside door handle lights when the doors are unlocked*	On	Off	—	—	O
Operation of the outside door handle lights when a door is opened*	On	Off	—	—	O
Fading out of the outside door handle lights when they turn off*	Long	Short	—	—	O

*: If equipped

■ **Vehicle customization**

- When the speed linked door locking function and shift position linked door locking function are both on, the door lock operates as follows.
  - When shifting the shift position to any position other than P, all the doors will be locked.
  - If the vehicle is started with all the doors locked, the speed linked door locking function will not operate.
  - If the vehicle is started with any door unlocked, the speed linked door locking function will operate.
- When the smart entry & start system is off, the entry unlock function cannot be customized.
- When the doors remain closed after unlocking the doors and the timer activated automatic door lock function activates, signals will be generated in accordance with the operational signal (Emergency flashers) function setting.
- Some settings can be changed using a switch or the Center Display. If a setting is changed using a switch, the changed setting will not be reflected on the Center Display until the power switch is turned off and then to ON.

■ Clock settings screen

If the clock adjustment screen is displayed continuously when attempting to change the clock settings, the system may be malfunctioning. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Items to initialize

The following item must be initialized for normal system operation after such cases as the 12-volt battery being reconnected, or maintenance being performed on the vehicle:

List of the items to initialize

Item	When to initialize	Reference
Lexus parking assist-sensor*	• After reconnecting or changing the 12-volt battery	P.380
PKSB (Parking Support Brake)*	• After reconnecting or changing the 12-volt battery	P.393
Tire pressure warning system	• When rotating the tires • When the tire inflation pressure is changed by changing tire size (When there are multiple specified pressures) • After registering the ID codes	P.483
Lexus parking assist monitor*	• 12-volt battery has been reinstalled • The steering wheel has been moved while the 12-volt battery was being reinstalled • 12-volt battery power is low	Refer to "NAVIGATION AND MULTIMEDIA SYSTEM OWNER'S MANUAL".
Panoramic view monitor*		
Power back door*	• After reconnecting or changing the 12-volt battery • After changing a fuse	P.202
Power window	• When functioning abnormally	P.278
Moon roof*		P.281

*: If equipped

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What to do if... (Troubleshooting)

If you have a problem, check the following before contacting any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

The doors cannot be locked, unlocked, opened or closed



You lose your keys

- If you lose your mechanical keys, new genuine mechanical keys can be made by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer. (→P.538)
- If you lose your electronic keys, the risk of vehicle theft increases significantly. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately. (→P.538)



The doors cannot be locked or unlocked

- Is the electronic key battery weak or depleted? (→P.496)
- Vehicles with entry function
  Is the power switch in ON?
  When locking the doors, turn the power switch off. (→P.295)
- Vehicles with entry function
  Is the electronic key left inside the vehicle?
  When locking the doors, make sure that you have the electronic key on your person.
- The function may not operate properly due to the condition of the radio wave. (→P.208)



The rear door cannot be opened

- Is the child-protector lock set?
  The rear door cannot be opened from inside the vehicle when the lock is set. Open the rear door from outside and then unlock the child-protector lock. (→P.193)

If you think something is wrong



The EV system does not start

- Is the charging cable attached to the vehicle? (→P.129)
- Did you press the power switch while firmly depressing the brake pedal? (→P.292)
- Is the shift position in P? (→P.292)
- Is the electronic key anywhere detectable inside the vehicle? (→P.207)
- Is the steering wheel unlocked? (→P.293)

- Is the electronic key battery weak or depleted?
  In this case, the EV system can be started in a temporary way. (→P.207)
- Is the 12-volt battery discharged? (→P.541)



The steering wheel cannot be turned after the EV system is stopped

- It is locked automatically to prevent theft of the vehicle. (→P.293)



The windows do not open or close by operating the power window switches

- Is the window lock switch pressed?
  The power window except for the one at the driver's seat cannot be operated if the window lock switch is pressed. (→P.279)



The power switch is turned off automatically

- The auto power off function will be operated if the vehicle is left in ACC or ON (the EV system is not operating) for a period of time. (→P.295)



A warning buzzer sounds during driving

- The seat belt reminder light is flashing
  Are the driver and the passengers wearing the seat belts? (→P.518)
- The parking brake indicator is on
  Is the parking brake released? (→P.302)

Depending on the situation, other types of warning buzzer may also sound. (→P.514, 522)



An alarm is activated and the horn sounds (vehicles with alarm)

- Did anyone inside the vehicle open a door during setting the alarm?
  The sensor detects it and the alarm sounds. (→P.517)

To stop the alarm, turn the power switch to ON or start the EV system.



A warning buzzer sounds when leaving the vehicle

- Is the message displayed on the multi-information display?
  Check the message on the multi-information display. (→P.522)



A warning light turns on or a warning message is displayed

- When a warning light turns on or a warning message is displayed, refer to P.514, 522.

When a problem has occurred



If you have a flat tire

- Stop the vehicle in a safe place and repair the flat tire temporarily with the emergency tire puncture repair kit. (→P.526)



The vehicle becomes stuck

- Try the procedure for when the vehicle becomes stuck in mud, dirt, or snow. (→P.548)

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For information regarding the equipment listed below, refer to the "NAVIGATION AND MULTIMEDIA SYSTEM OWNER'S MANUAL".

- Audio/video system
- Navigation system
- Lexus parking assist monitor
- Panoramic view monitor

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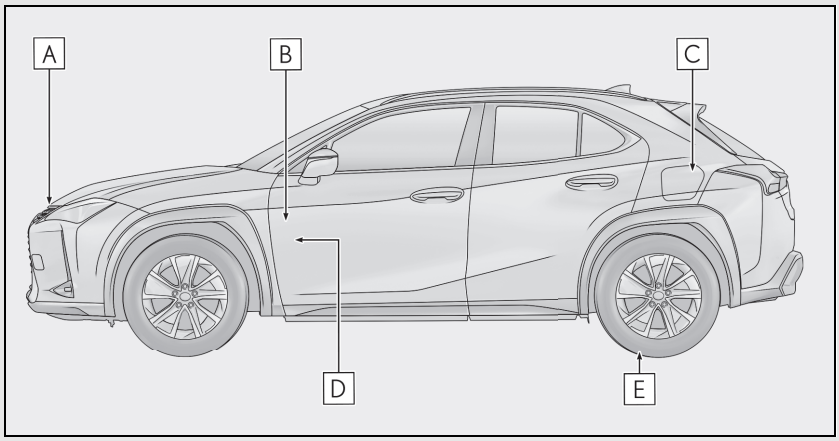
CHARGING STATION INFORMATION



A Auxiliary catch lever (→P.463)

B Power back door switch* (→P.198)

C Charging port lid (→P.103)

D Hood lock release lever (→P.463)

E Tire inflation pressure (→P.554)

*: If equipped

External power source	P.123
Time needed for charging	P.127
Traction battery type	P.551
Cold tire inflation pressure	P.554