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Driving	Operations and advice which are necessary for driving (Main topics: Starting hybrid system, refueling)	4
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UX 300h
PZ471-9A641-EN
L/O 08/01/2024

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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.

For Eurasian Economic Union: The information on the procedure for the safe use of the vehicle and its systems, presented on the manufacturer's labels on the body in English, is intended only for service workers.

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.

Also, remodeling like this will have an effect on advanced safety equipment such as Lexus Safety System + and there is a danger that it will not work properly or the danger that it may work in situations where it should not be working.

Cyber Attack Risk

Installing electronic devices and radios increases the risk of cyber attacks through the installed parts, which may lead to unexpected accidents and leakage of personal information.

Lexus does not make any guarantees for problems caused by installing non-genuine Lexus products.

Installation of an RF-transmitter system

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

- Hybrid system
- Multiport fuel injection system/sequential multiport fuel injection system
- 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 Hybrid 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

This vehicle is equipped with sophisticated computers that record certain data regarding vehicle controls and operations.

Data recorded by the computers

Certain data, such as the following, is recorded depending on the operation timing and status of each function.

- 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

Image information recorded by the vehicle 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 systems operate will not be available.

If you wish to stop the collection of Lexus Safety System + data by the Toyota servers for the purpose of research and development and provision to individual services, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Event data recorder

This vehicle is equipped with an event data recorder (EDR). The main purpose of an EDR is to record, in certain crash or near crash-like situations, such as an airbag deployment or hitting a road obstacle, data that will assist in understanding how a vehicle's systems performed. The EDR is designed to record data related to vehicle dynamics and safety systems for a short period of time, typically 30 seconds or less. However, data may not be recorded depending on the severity and type of a crash.

The EDR in this vehicle is designed to record such data as:

- How various systems in your vehicle were operating;
- How far (if at all) the driver was depressing the accelerator and/or brake pedal; and,
- How fast the vehicle was traveling.

These data can help provide a better understanding of the circumstances in which crashes and injuries occur.

NOTE: EDR data are recorded by your vehicle only if a non-trivial crash situation occurs; no data are recorded by the EDR under normal driving conditions and no personal data (e.g., name, gender, age, and crash location) are recorded. However, other parties, such as law enforcement, could combine the EDR data with the type of personally identifying data routinely acquired during a crash investigation.

To read data recorded by an EDR, special equipment is required, and access to the vehicle or the EDR is needed. In addition to the vehicle manufacturer, other parties, such as law enforcement, that have the special equipment, can read the information if they have access to the vehicle or the EDR.

● Disclosure of the EDR data

Lexus will not disclose the data recorded in an EDR to a third party except when:

- An agreement from the vehicle's owner (or the lessee for a leased vehicle) is obtained
- In response to an official request by the police, a court of law or a government agency
- For use by Lexus in a lawsuit

However, if necessary, Lexus may:

- Use the data for research on vehicle safety performance
- Disclose the data to a third party for research purposes without disclosing information about the specific vehicle or vehicle owner

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.

Toyota Motor Europe NV/SA,

Avenue du Bourget 60 - 1140

Brussels, Belgium

www.toyota-europe.com

Toyota (GB) PLC

Great Burgh, Burgh Heath,

Epsom, Surrey, KT18 5UX, UK

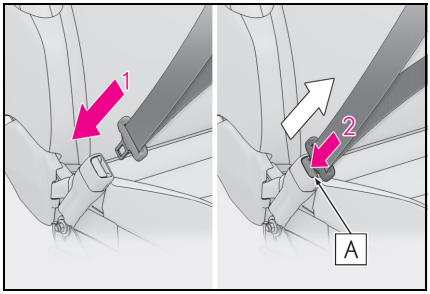
Reading this manual

Explains symbols used in this manual

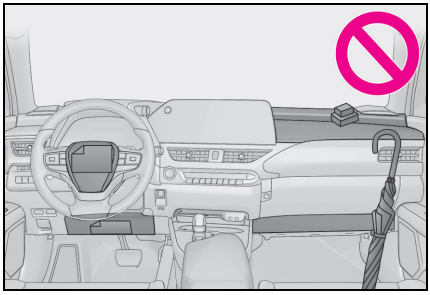
Symbols in this manual

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).

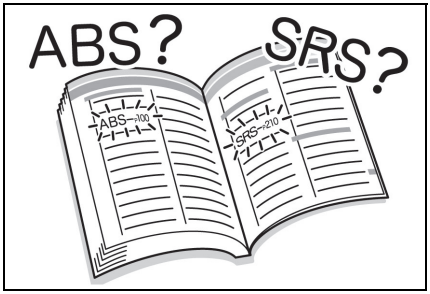


Symbols	Meanings
	Indicates the component or position being explained.
	Means **Do not**, **Do not do this**, or **Do not let this happen**.

How to search

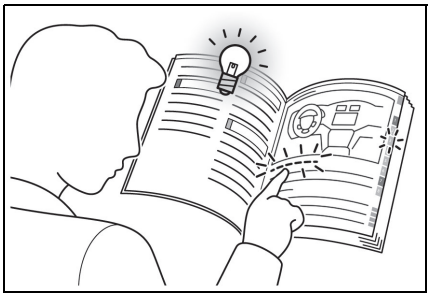
■ **Searching by name**

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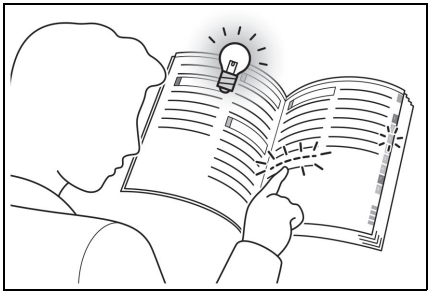
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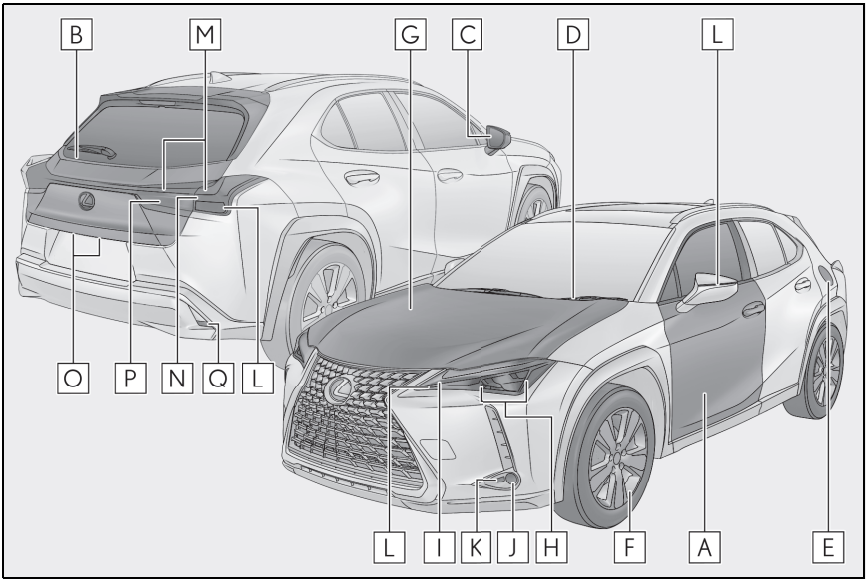
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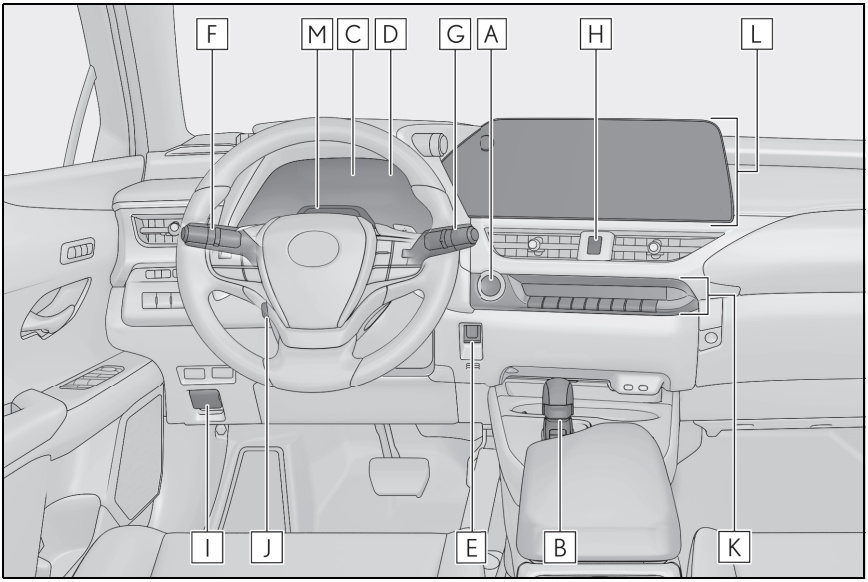
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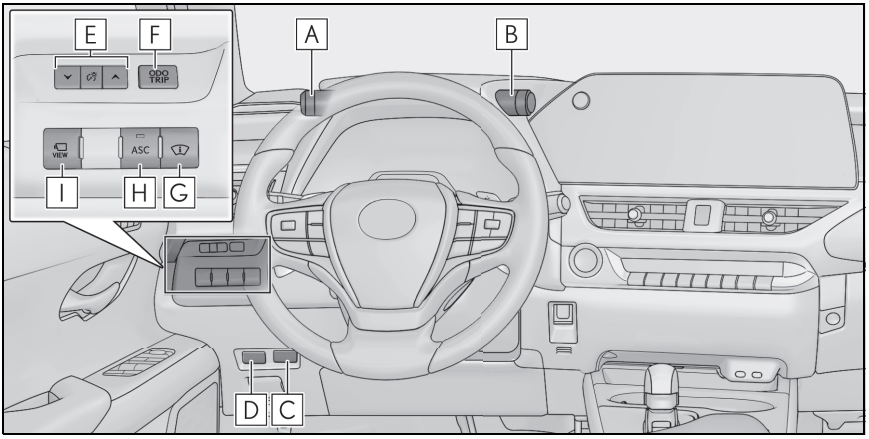
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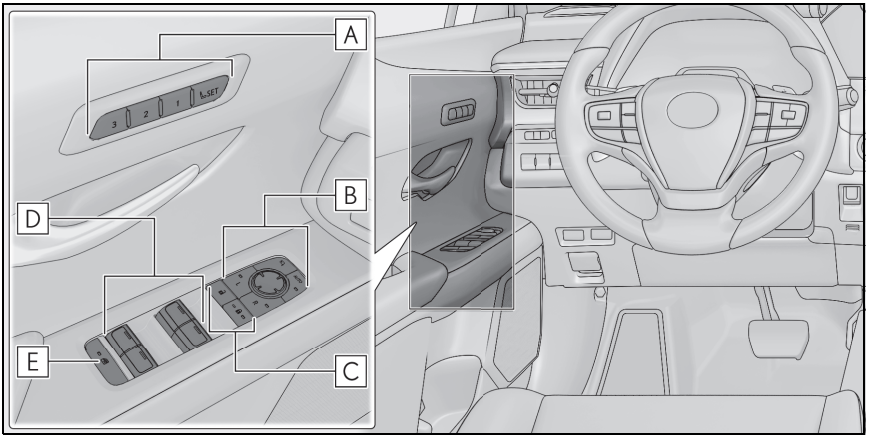
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*1: If equipped

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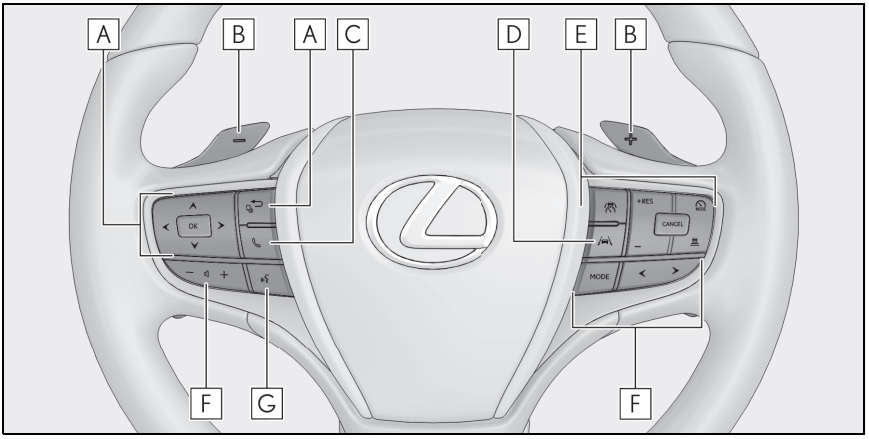
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*: If equipped



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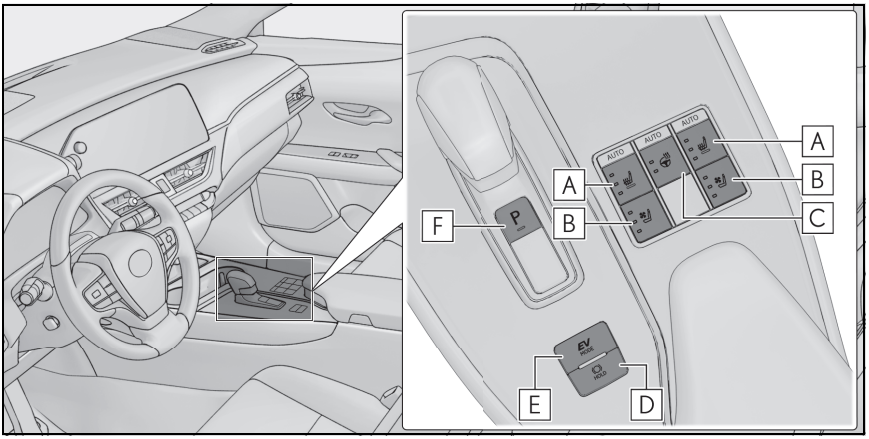
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*1: If equipped

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



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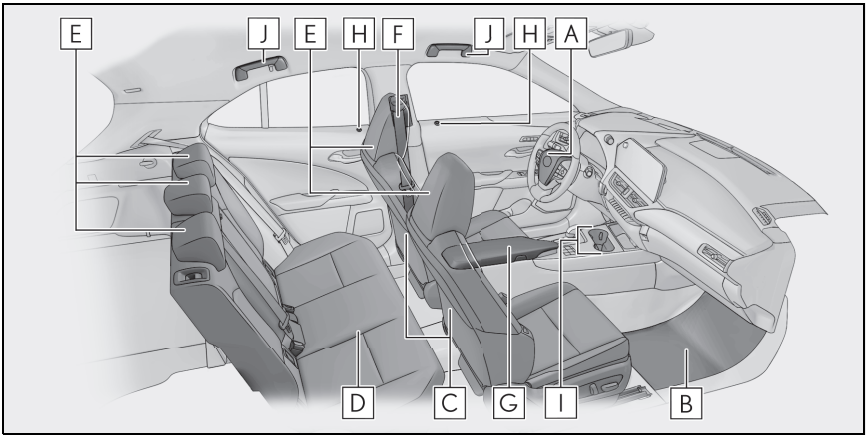
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*: If equipped

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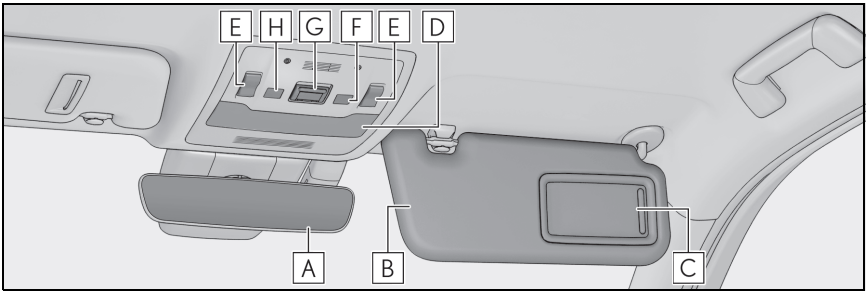
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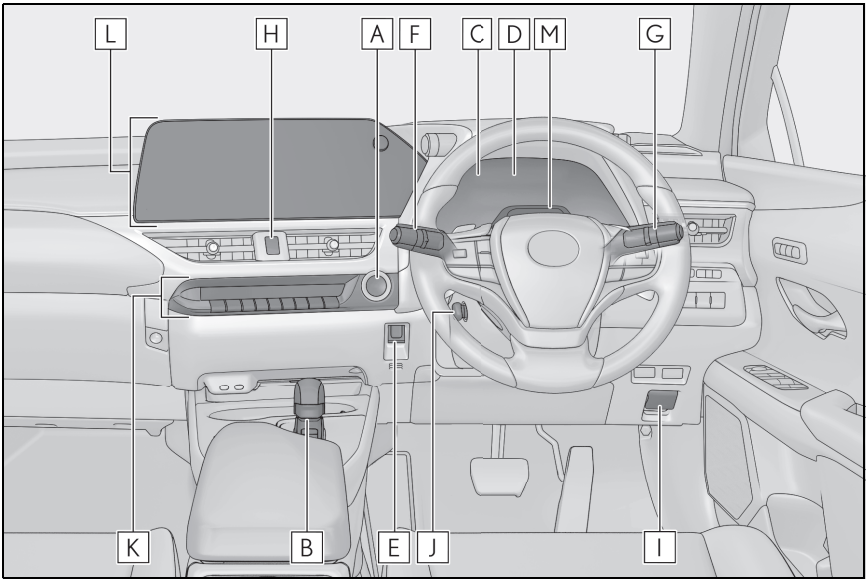
*1: NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIR-BAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur. (→P.50)



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

*3: If equipped

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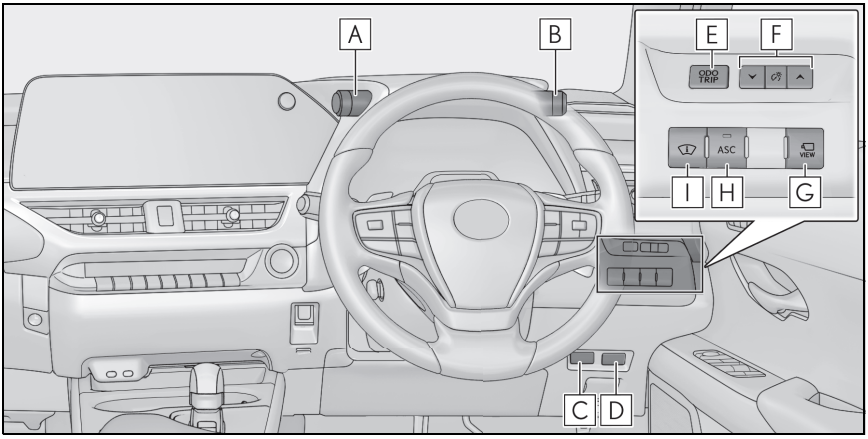
L Audio system*2

M Driver monitor camera*1 ..... P.244

*1: If equipped

*2: Refer to “MULTIMEDIA OWNER’S MANUAL”.

■Switches (right-hand drive vehicles)



A Driving mode select switch P.320

B VSC off switch P.325

C Fuel filler door opener switch P.234

D Power back door switch*1 ..... P.140

E "ODO TRIP" switch P.100, 108

F Instrument panel light control switches P.101, 109

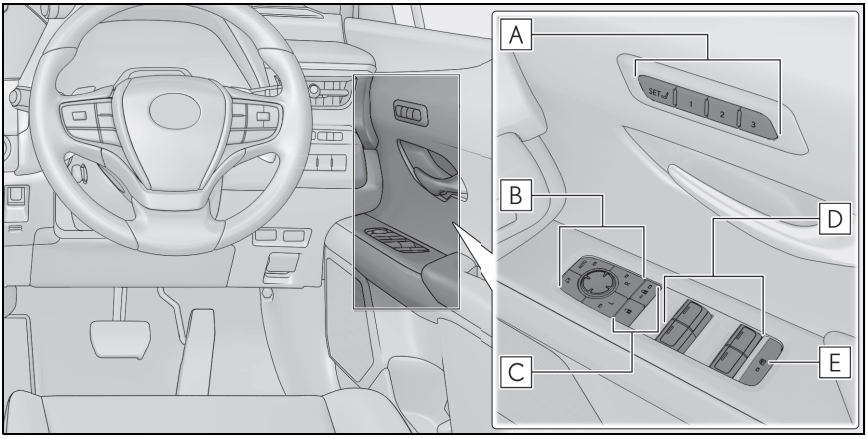
G Camera switch*1, 2

H ASC switch*1 ..... P.215

I Head-up display switch*1 ..... P.112

*1: If equipped

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



A Driving position memory switches* P.173

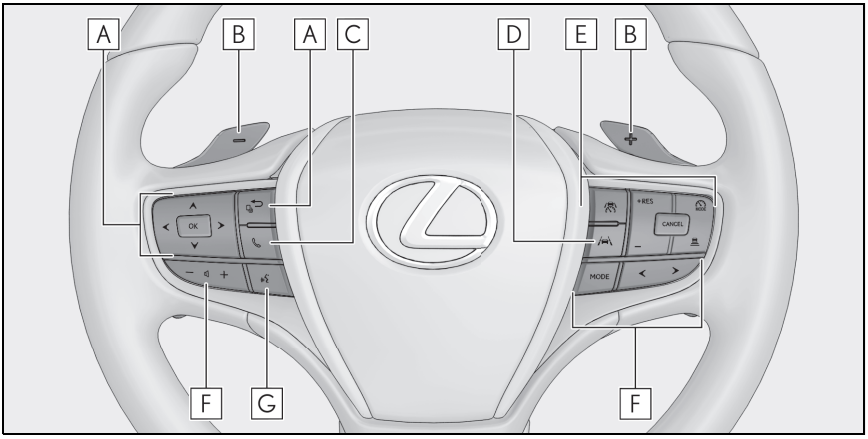
B Outside rear view mirror switches P.163

C Door lock switches P.135

D Power window switches P.167

E Window lock switch P.169

*: If equipped



A Meter control switches P.115

B Paddle shift switches*1 ..... P.207, 208

C TEL switch*2

D LTA (Lane Tracing Assist) switch P.257

E Cruise control switches

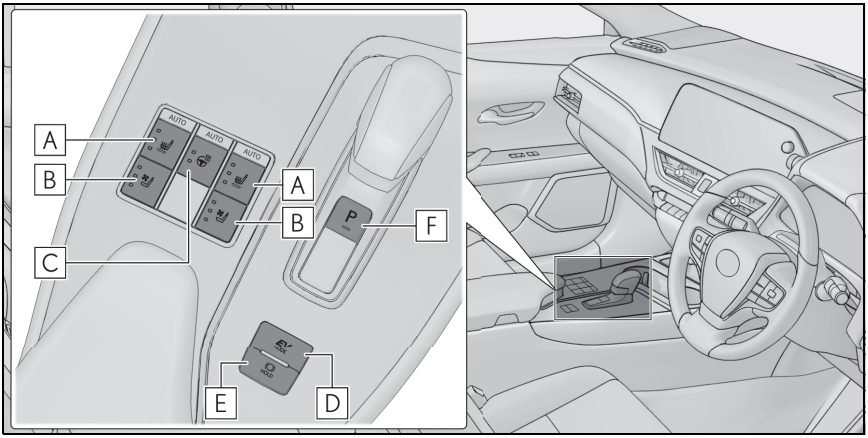
Dynamic radar cruise control P.275

F Audio remote control switches*2

G Talk switch*2

*1: If equipped

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



A Seat heater switches* P.349

B Seat ventilator switches* P.350

C Heated steering wheel switch* P.349

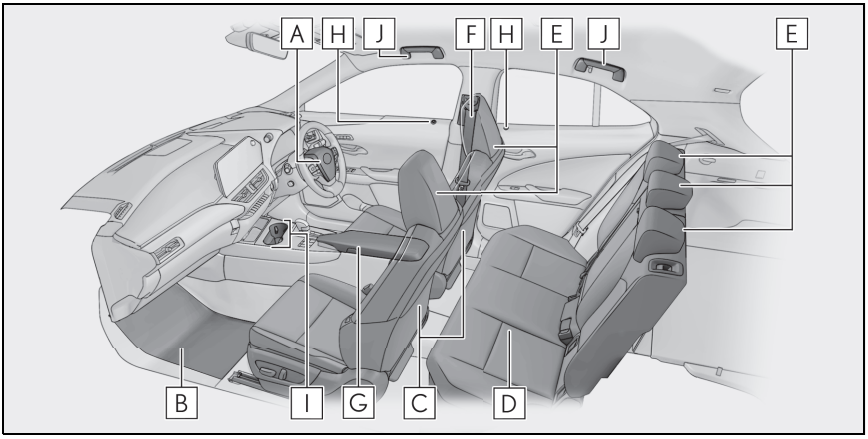
D EV drive mode switch P.200

E Brake hold switch P.213

F P position switch P.204

*: If equipped

■Interior (right-hand drive vehicles)



A SRS airbags P.37

B Floor mats P.32

C Front seats P.156

D Rear seats P.157

E Head restraints P.159

F Seat belts P.34

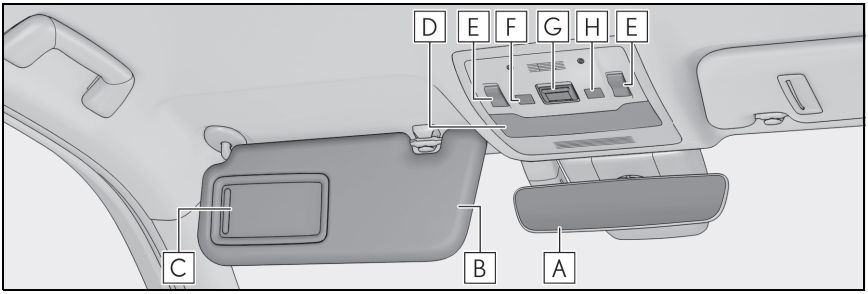
G Console box P.356

H Inside lock buttons P.135

I Cup holders P.356

J Assist grips P.374

■Ceiling (right-hand drive vehicles)



A Inside rear view mirror P.162

B Sun visors*1 ..... P.364

C Vanity mirrors P.364

D Interior light*2 ..... P.353
Personal lights P.354

E Moon roof switches*3 ..... P.170

F Intrusion sensor cancel switch P.85
Intrusion sensor and tilt sensor cancel switch*3 ..... P.85

G "SOS" button P.63

H Door-linked interior light switch P.353

*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.50)



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

*3: If equipped

For safety and security 1

1-1. **For safe use**

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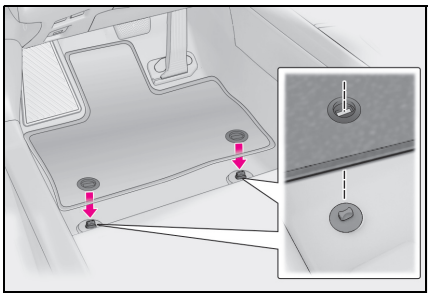
Before driving

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

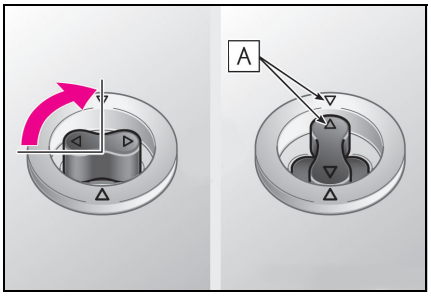
Installing floor mats

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

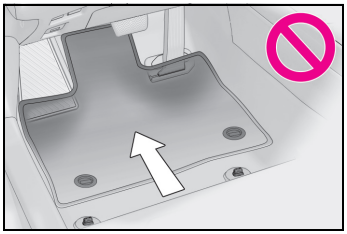
Observe the following precautions. Failure to do so may cause the driver's floor mat to slip, possibly interfering with the pedals while driving. An unexpectedly high speed may result or it may become difficult to stop the vehicle. This could lead to an accident, resulting in death or serious injury.

■ 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.

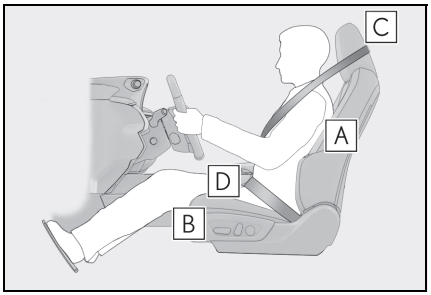


- With the hybrid system stopped and the shift position in P, fully depress each pedal to the floor to make sure it does not interfere with the floor mat.

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.156)

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.156)

C Lock the head restraint in place with the center of the head restraint closest to the top of your ears. (→P.159)

D Wear the seat belt correctly. (→P.35)

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.35)

Use a child restraint system appropriate for the child until the child becomes large enough to properly wear the vehicle's seat belt. (→P.48)

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.162, 163)

Seat belts

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

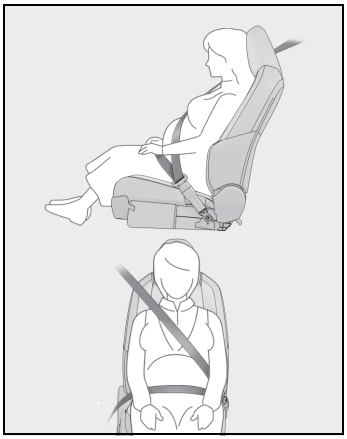
⚠ WARNING

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.35)

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.35)

■ When children are in the vehicle

→P.59

■ Seat belt damage and wear

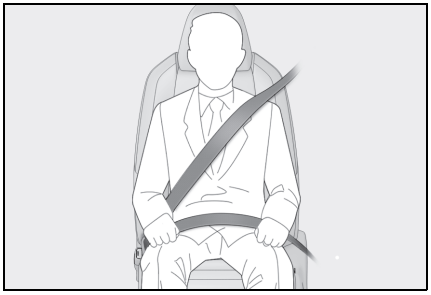
- Do not damage the seat belts by allowing the belt, plate, or buckle to be jammed in the door.

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 is 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

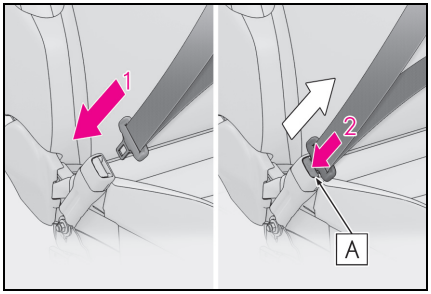
The seat belts of your vehicle were principally designed for persons of adult size.

- Use a child restraint system appropriate for the child, until the child becomes large enough to properly wear the vehicle's seat belt. (→P.48)
- When the child becomes large enough to properly wear the vehicle's seat belt, follow the instructions regarding seat belt usage. (→P.34)

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 .

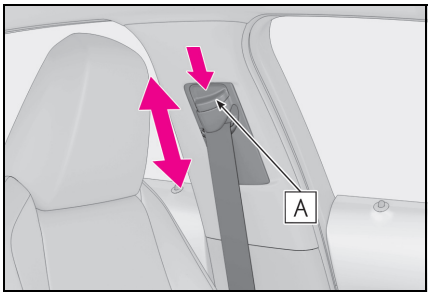
■ Emergency locking retractor (ELR)

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)

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

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

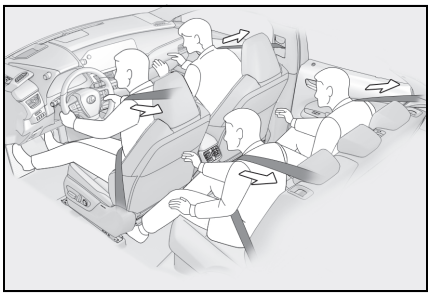


WARNING

■ 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.

WARNING

■ Seat belt pretensioners

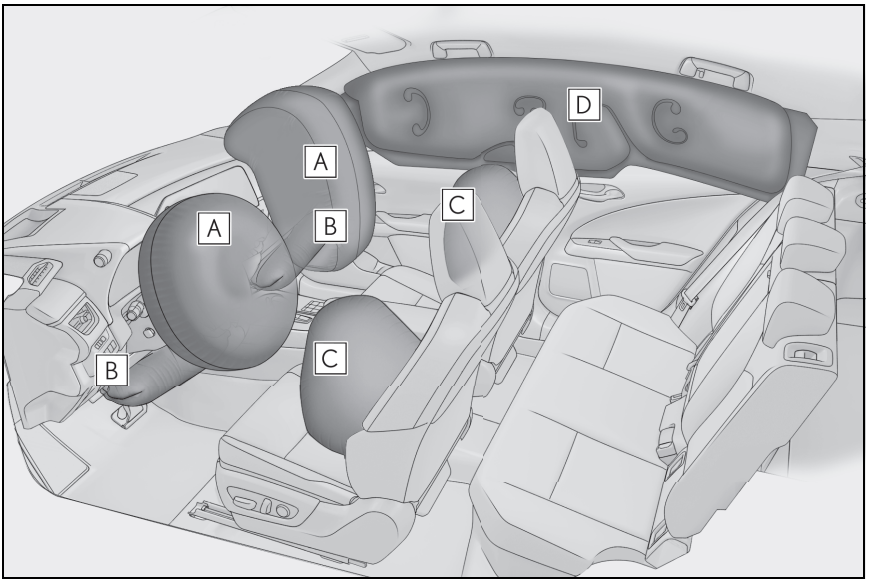
If the pretensioner has activated, the SRS warning light will come on. In that case, the seat belt cannot be used again and must be replaced at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
Failure to do so may cause death or serious injury.

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

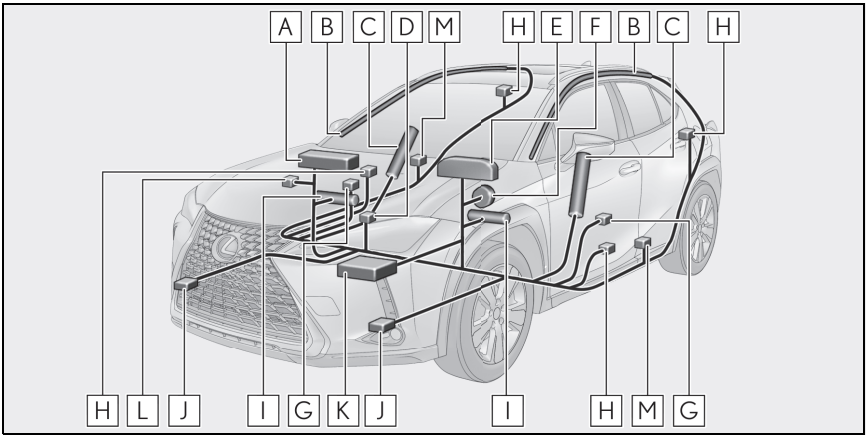
C SRS front side airbags

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 lights

E SRS warning light

F Driver airbag

G Side impact sensors (front door)

H Seat belt pretensioners and force limiters

I Knee airbags

J Front impact sensors

K Airbag sensor assembly

L Airbag manual on-off switch

M Side impact sensors (front)

The main SRS airbag system components are shown above. The SRS airbag system 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 hybrid system will be stopped and fuel supply to the engine will be stopped. (→P.80)
- All of the doors will be unlocked. (→P.133)
- The brakes and stop lights will be controlled automatically. (→P.324)
- The interior lights will turn on automatically. (→P.353)
- The emergency flashers will turn on automatically. (→P.426)
- Vehicles with eCall: If any of the following situations occur, the system is designed to send an emergency call to the eCall control center, notifying them of the vehicle's location (without needing to push the "SOS" button) and an agent will attempt to speak with the occupants to ascertain the level of emergency and assistance required. If the occupants are unable to communicate, the agent automatically treats the call as an emergency and helps to dispatch the necessary emergency services. (→P.63)
  - An SRS airbag is deployed.
  - A seat belt pretensioner is activated.
  - The vehicle is involved in a severe rear-end collision.

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.

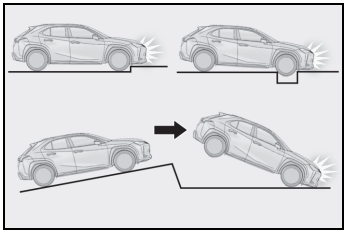
SRS airbag deployment conditions (SRS side and curtain shield airbags)

- 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 will deploy in the event of a side collision on either side.
- 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.

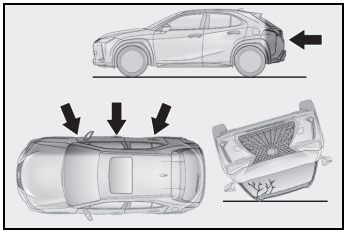
- Hitting a curb, edge of pavement or hard surface
- Falling into or jumping over a deep hole
- Landing hard or falling



■ **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.

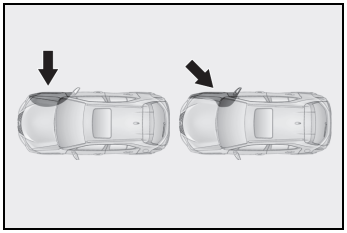
- Collision from the side
- Collision from the rear
- Vehicle rollover



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

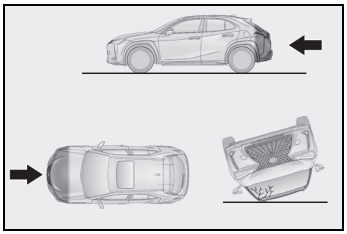
The SRS side and curtain shield airbags may not activate if the vehicle is subjected to a collision from the side at certain angles, or a collision to the side of the vehicle body other than the passenger compartment.

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



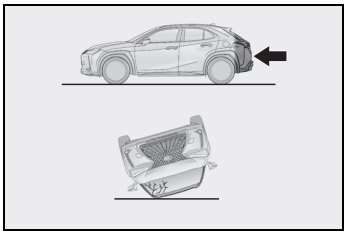
The SRS side airbags do not generally inflate if the vehicle is involved in a frontal or rear collision, if it rolls over, or if it is involved in a low-speed side collision.

- 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

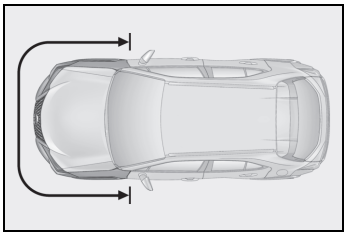


■ **When to contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer**

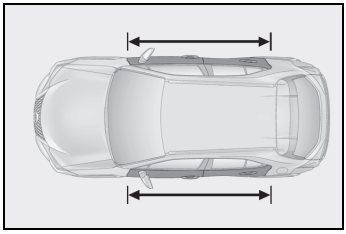
In the following cases, the vehicle will require inspection and/or repair. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer

as soon as possible.

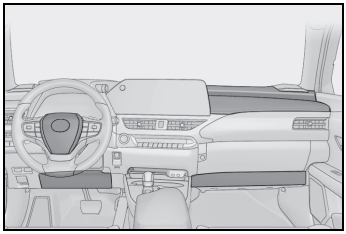
- Any of the SRS airbags have been inflated.
- The front of the vehicle is damaged or deformed, or was involved in an accident that was not severe enough to cause the SRS front airbags to inflate.



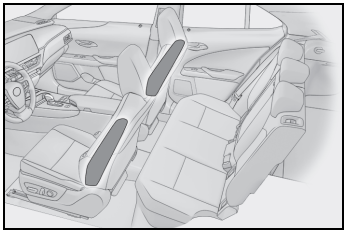
- A portion of a door or its surrounding area is damaged, deformed or has had a hole made in it, or the vehicle was involved in an accident that was not severe enough to cause the SRS side and curtain shield airbags to inflate.



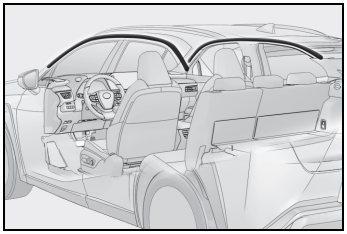
- The pad section of the steering wheel, dashboard near the front passenger airbag or lower portion of the instrument panel is scratched, cracked, or otherwise damaged.



- The surface of the seats with the SRS 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.

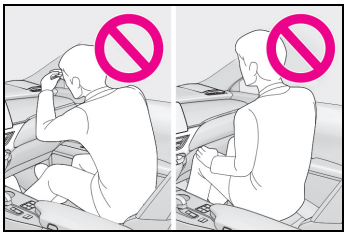
- The driver and all passengers in the vehicle must wear their seat belts properly.
  The SRS airbags are supplemental devices to be used with the seat belts.
- The SRS driver airbag deploys with considerable force, and can cause death or serious injury especially if the driver is very close to the airbag.
  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:

WARNING

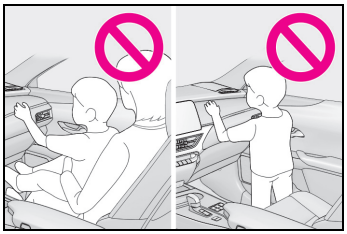
- Move your seat to the rear as far as you can while still reaching the pedals comfortably.
- Slightly recline the back of the seat. Although vehicle designs vary, many drivers can achieve the 250 mm (10 in.) distance, even with the driver seat all the way forward, simply by reclining the back of the 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.

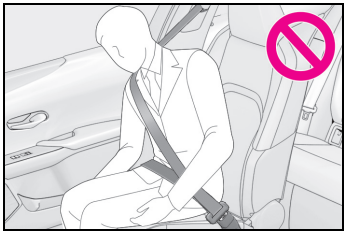
- The SRS front passenger airbag also deploys with considerable force, and can cause death or serious injury especially if the front passenger is very close to the airbag. The front passenger seat should be as far from the airbag as possible with the seatback adjusted, so the front passenger sits upright.
- 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.48)
- 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.

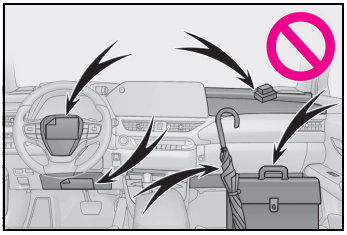


WARNING

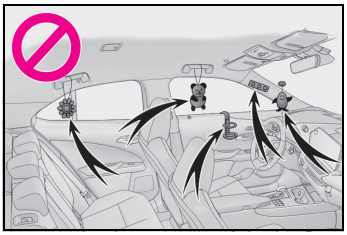
- Do not allow anyone to kneel on the passenger seat toward the door or put their head or hands outside the vehicle.



- 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 window, front or rear pillar, roof side rail and assist grip. (Except for the speed limit label →P.455)



- 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 SRS side airbags from activating correctly, disable the system or cause the SRS 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

Exhaust gas precautions

Harmful substances to the human body are contained in exhaust gases if inhaled.

WARNING

Exhaust gases contain harmful carbon monoxide (CO), which is colorless and odorless. Observe the following precautions.
Failure to do so may cause exhaust gases to enter the vehicle and may lead to an accident caused by light-headedness, or may lead to death or a serious health hazard.

■ Important points while driving

- Keep the back door closed.
- If you smell exhaust gases in the vehicle even when the back door is closed, open the windows and have the vehicle inspected at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as soon as possible.

■ When parking

- If the vehicle is in a poorly ventilated area or a closed area, such as a garage, stop the hybrid system.
- Do not leave the vehicle with the hybrid system operating for a long time.
  If such a situation cannot be avoided, park the vehicle in an open space and ensure that exhaust fumes do not enter the vehicle interior.
- Do not leave the hybrid system operating in an area with snow build-up, or where it is snowing. If snowbanks build up around the vehicle while the hybrid system is operating, exhaust gases may collect and enter the vehicle.

WARNING

■ Exhaust pipe

The exhaust system needs to be checked periodically. If there is a hole or crack caused by corrosion, damage to a joint or abnormal exhaust noise, be sure to have the vehicle inspected and repaired by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

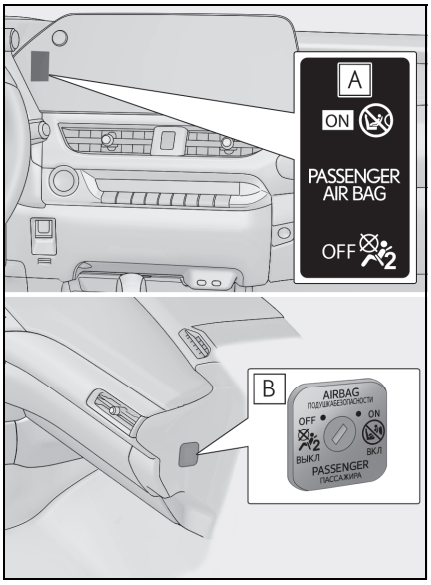
Airbag manual on-off system

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

▶ Left-hand drive vehicles

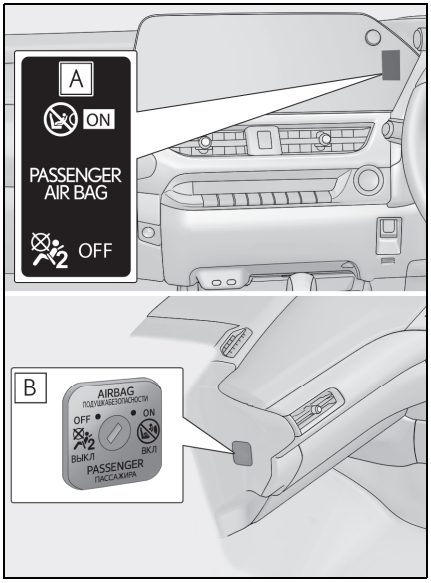


A "PASSENGER AIR BAG" indicator lights

"PASSENGER AIR BAG" and "ON" indicator lights 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

▶ Right-hand drive vehicles



A "PASSENGER AIR BAG" indicator lights

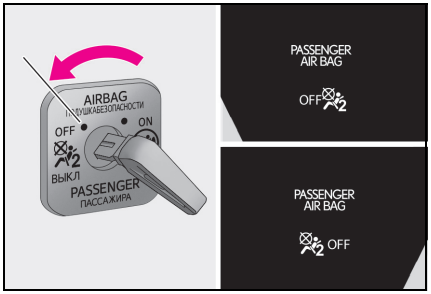
"PASSENGER AIR BAG" and "ON" indicator lights turn on when the airbag system is on, and about after 60 seconds they go off (only when the power switch is in ON).

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.

■ 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.135, 169)
- 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.48

When using a child restraint system: P.49

Child restraint system compatibility for each seating position: P.52

Child restraint system installation method: P.57
- Fixed with a seat belt: P.58
- Fixed with an ISOFIX lower anchorage: P.60
- Using a top tether anchorage: P.61

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.52) 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

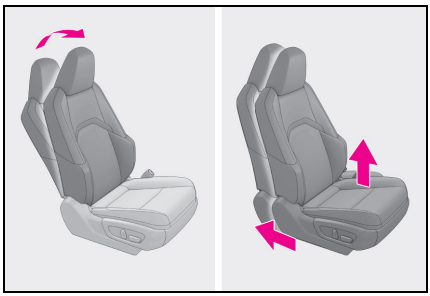
■ When installing a child restraint system to the front passenger seat

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.
- Vehicles with power seat: 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.

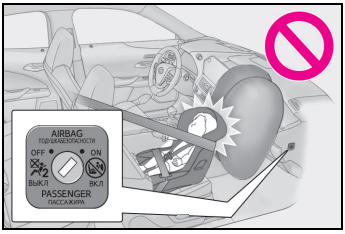


WARNING

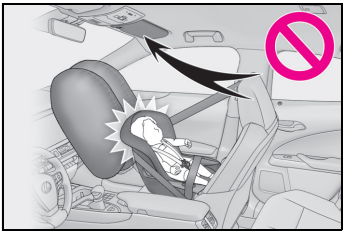
■ When using a child restraint system

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.46)
  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

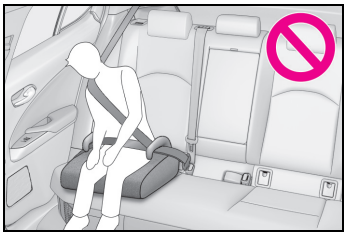


WARNING

- 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).



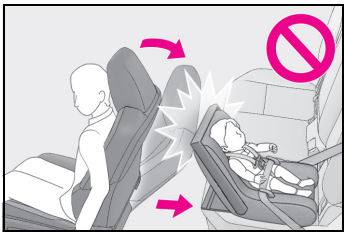
- Do not allow the child to lean his/her head or any part of his/her body against the door or the area of the seat, front or rear pillars, or roof side rails from which the SRS side airbags or SRS curtain shield airbags deploy even if the child is seated in the child restraint system. It is dangerous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



Child restraint system compatibility for each seating position

Child restraint system compatibility for each seating position

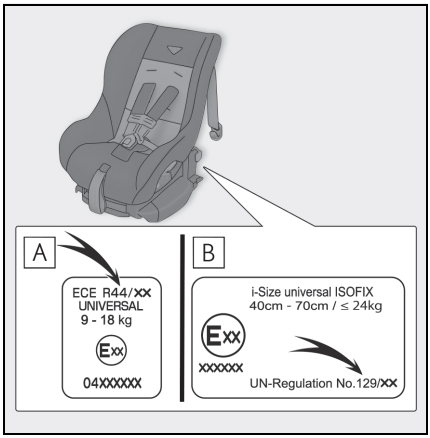
Compatibility of each seating position with child restraint systems (→P.53) displays the type of child restraint systems that can be used and possible seating positions for installation using symbols.

Also, the recommended child restraint system that is suitable for your child can be selected. Otherwise, check "Recommended child restraint systems information" for recommended child restraint systems. (→P.56)

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.



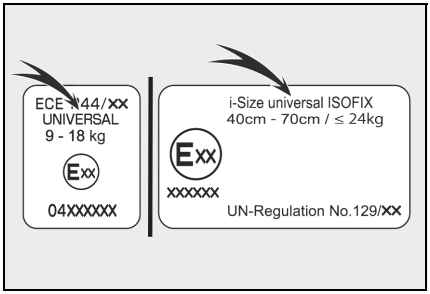
Example of the displayed regulation Number

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"



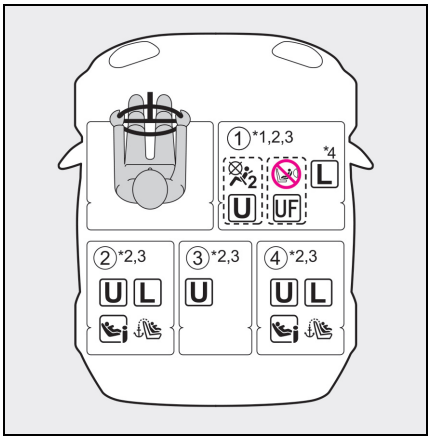
*1: UN(ECE) R44 and UN(ECE) R129 are U.N. regulations for child restraint systems.

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

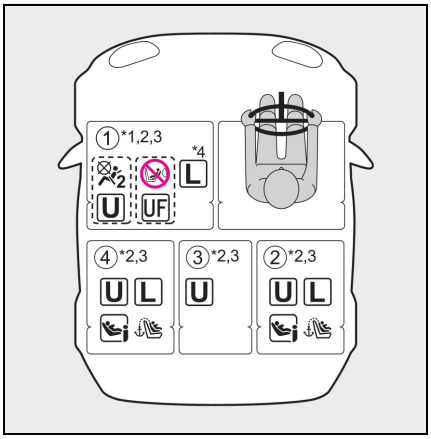
*3: The displayed mark may differ depending on the product.

Compatibility of each seating position with child restraint systems

▶ Left-hand drive vehicles



▶ Right-hand drive vehicles





Deactivation of front passenger airbag.



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

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

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

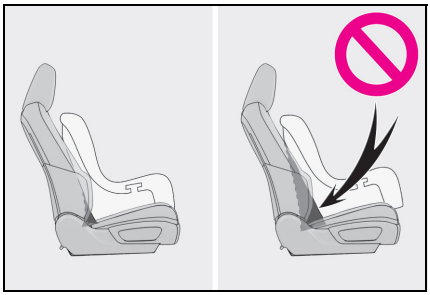
Suitable for recommended child restraint systems given on recommended child restraint systems information (→P. 56).

Suitable for i-Size and ISOFIX child restraint system.

Includes a top tether anchorage point.

*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.

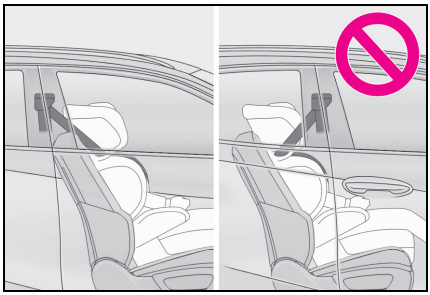


*3: If the head restraint interferes with your child restraint system, and the head restraint can be removed, remove the head restraint.
Otherwise, put the head restraint in the upper most position.

*4: Applicable for KIDFIX i-Size only.

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.

■ **Detail information for child restraint systems installation**

Seating position					
Seat position number	①		②	③	④
	Airbag manual on-off switch				
	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, R2X, R2, R3	No	R1, R2X, R2, R3
Suitable forward facing fixture (F2X/F2/F3/No)	No	No	F2X, F2, F3	No	F2X, F2, F3
Suitable junior seat fixture (B2/B3/No)	B2, B3 Belt fixation only	B2, B3 Belt fixation only	B2, B3	No	B2, B3

*: All universal categories (group 0, 0+, I, II and III).

Lexus suggests the users to use ② and ④ seating positions.

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.

Mass group	Child weight	Size class	Fix-ture	Description
0	up to 10 kg (22 lb.)	E	R1	Rearward-facing infant seat
		F	L1	Left lateral-facing infant seat (Carrycot)
		G	L2	Right lateral-facing infant seat (Carrycot)
0+	up to 13 kg (28 lb.)	C	R3	Full-size, rearward-facing child restraint systems
		D	R2	Reduced-size, rearward-facing child restraint systems
		—	R2X	Reduced-size, rearward-facing child restraint systems
		E	R1	Rearward-facing infant seat
I	9 to 18 kg (20 to 39 lb.)	A	F3	Full-height, forward-facing child restraint systems
		B	F2	Reduced-height, forward-facing child restraint systems
		B1	F2X	Reduced-height, forward-facing child restraint systems
		C	R3	Full-size, rearward-facing child restraint systems
		D	R2	Reduced-size, rearward-facing child restraint systems
II	15 to 25 kg (34 to 55 lb.)	—	B2, B3	Junior seat
III	22 to 36 kg (48 to 79 lb.)			

■ **Recommended child restraint systems information**

Recommended child restraint system	Size	Direction of travel	Fixation	
			Lower anchor-ages	Seat belt
MAXI COSI PEARL 360 & FAMILYFIX 360 BASE	40 to 105 cm	Rearward-facing	Yes	Not applicable
	Up to 17.5 kg (Up to 38 lb.)			
	>15 month & 76 to 105 cm	Forward-facing		
	Up to 17.5 kg (Up to 38 lb.)			

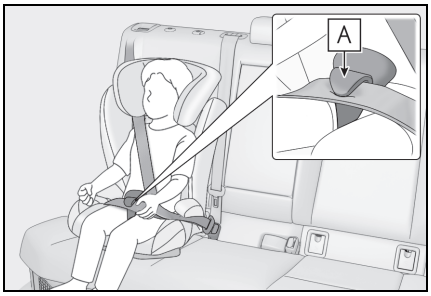
Recommended child restraint system	Size	Direction of travel	Fixation	
			Lower anchorages	Seat belt
LEXUS KIDFIX i-SIZE*1, 2	100 to 150 cm 15 to 36 kg (34 to 79 lb.)	Forward-facing use only	Yes	Yes

*1: Be sure to attach the seat belt through the SecureGuard.

*2: LEXUS recommends to use with lower anchorages.

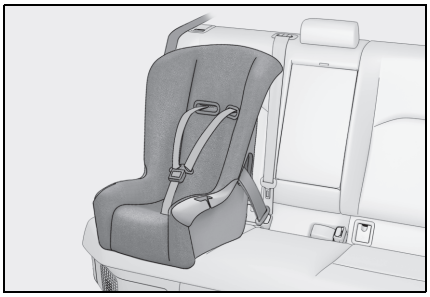
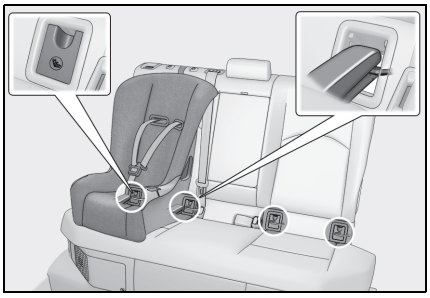
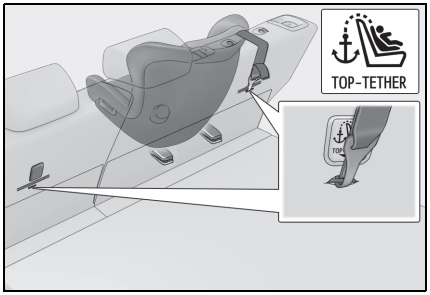
The child restraint systems mentioned in the table may not be available outside the EU countries and United Kingdom.

- When using the child restraint system with SecureGuard, be sure to guide the lap belt into SecureGuard A as shown in the illustration.



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.58
ISOFIX lower anchorage attachment		P.60
Top tether anchorage attachment		P.61

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.

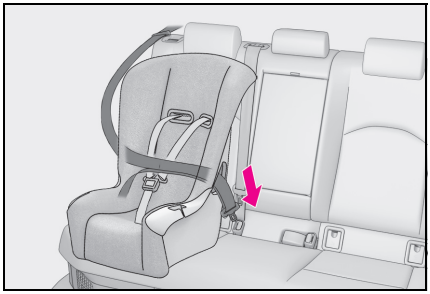
If the child restraint system on hand is not within the “universal” category (or the necessary information is not in the table), refer to the “Vehicle List” provided by the child restraint system maker for various possible installation positions, or check the compatibility after asking the retailer of the child seat. (→P.52)

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

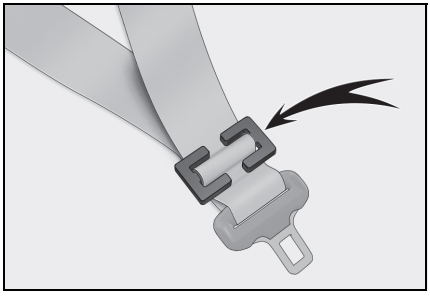
unavoidable, refer to P.49 for front passenger seat adjustment.

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.159)

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.60)

■ 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.

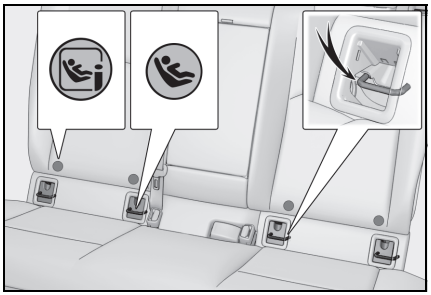
WARNING

- 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)

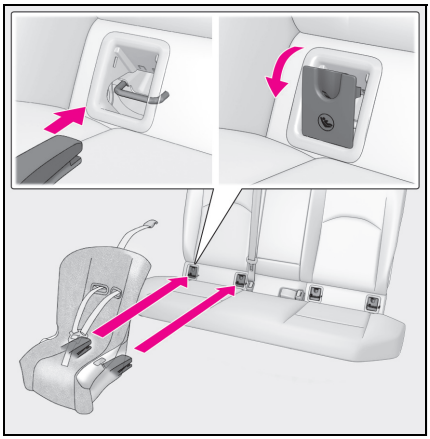
Install the child restraint system in accordance to the operation manual enclosed with the child restraint system.

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.52)

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.159)
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.60)

WARNING

■ When installing a child restraint system

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

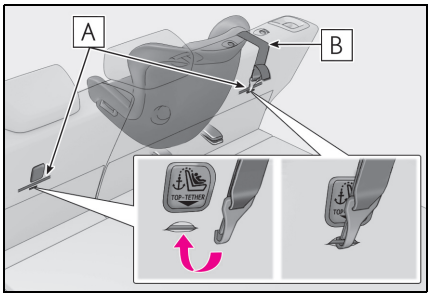
- After securing a child restraint system, never adjust the seat.
- When using the lower anchorages, be sure that there are no foreign objects around the anchorages and that the seat belt is not caught behind the child restraint system.
- Follow all installation instructions provided by the child restraint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



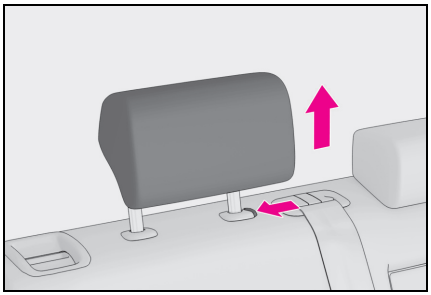
A Top tether anchorages

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.159)

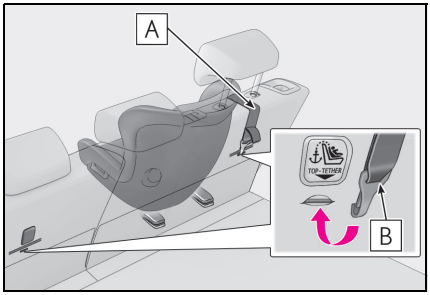


2 Latch the hook onto the top tether anchorage and tighten the top strap.

Make sure the top strap is securely

latched. (→P.60)

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.

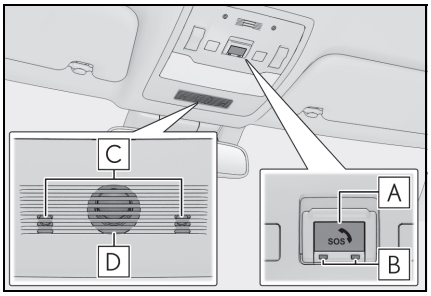
eCall*1, 2

*1: If equipped

*2: 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

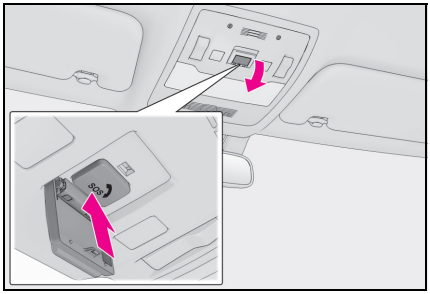
If any airbag deploys, the system is designed to automatically call the eCall control center.* The answering operator receives the vehicle's location, the time of the incident and the vehicle VIN, and attempts to speak with the vehicle occupants to assess the situation. If the occupants are unable to 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.64)

■ 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.64)

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.

● 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/19MC/

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.

WARNING

- 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.

- 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

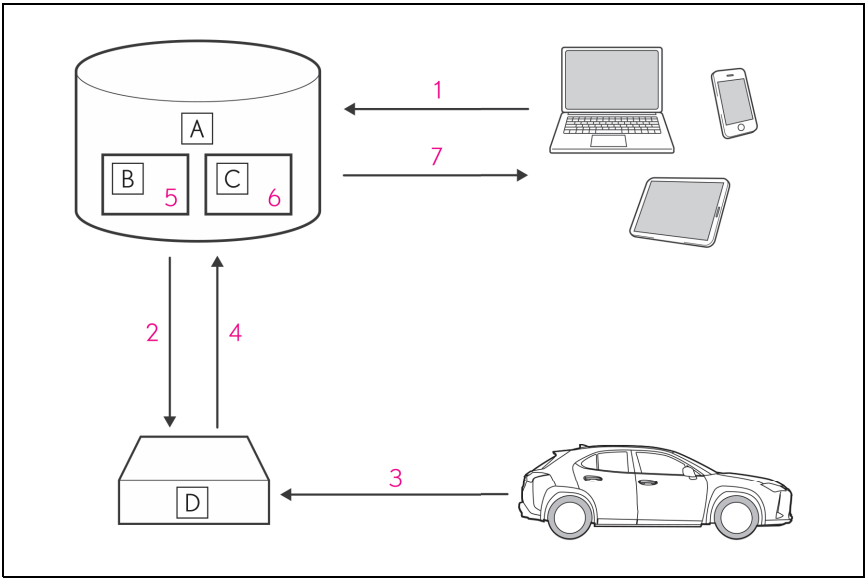
Do not pour any liquids onto the "SOS" button panel, etc. and do not impact it.

■ 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 “Lexus Link” 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	○
2. INFORMATION ON DATA PROCESSING			

Implementing Regulation Annex1 PART3 User Information			Conformity
	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.	○
	2.2.	Processing of such data is strictly limited to the purpose of handling the emergency eCall to the single European emergency number 112.	○
	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.	○
	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.	○

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.	○
	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.	○
	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.71	○
3. INFORMATION ON THIRD PARTY SERVICES AND OTHER ADDED VALUE SERVICES (IF FITTED)			

Implementing Regulation Annex1 PART3 User Information			Conformity
	3.1.	Description of the operation and the functionalities of the TPS system/added value service	→P.66
	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.	○
	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).	○
	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.66
	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.	○
	3.5.1.	Contact details for handling TPS eCall system deactivation requests	N/A

■ **Service responsible for handling access requests**

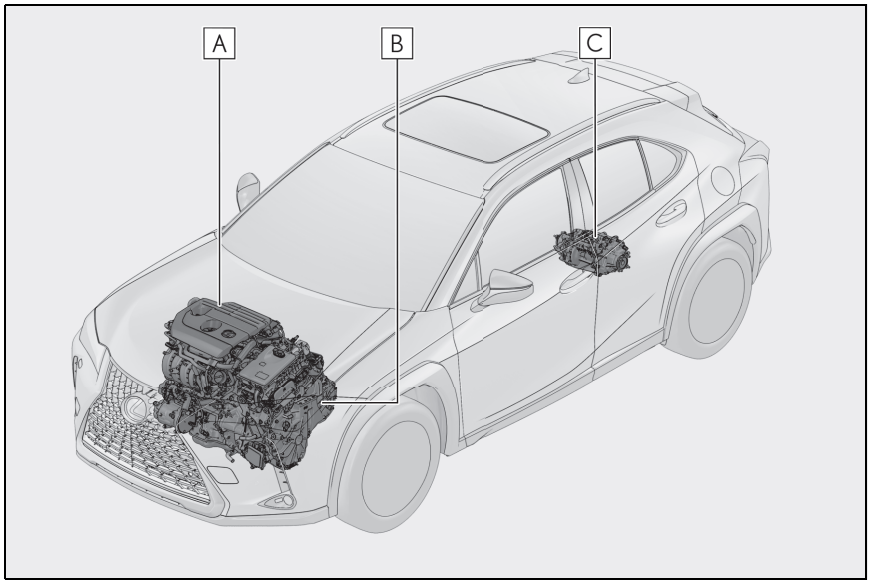
Country	Contact information
Austria	datenschutz@toyota-frey.at
Belgium/Luxembourg	privacy@toyota.be
Croatia	dpcp@toyota.hr
Czech Republic/Hungary/Slovakia	adatvedelem@toyota-ce.com

Country	Contact information
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

Hybrid system features

Your vehicle is a Hybrid Electric Vehicle. It has characteristics different from conventional vehicles. Be sure you are closely familiar with the characteristics of your vehicle, and operate it with care.
The hybrid system combines the use of a gasoline engine and an electric motor (traction motor) according to driving conditions, improving fuel efficiency and reducing exhaust emissions.

System components



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

A Gasoline engine

B Front electric motor (traction motor)

C Rear electric motor (traction motor)*

*: AWD models only

■ **When stopped/during start off**

The gasoline engine stops* when the vehicle is stopped. During start off, the electric motor (traction motor) drives the vehicle. At slow speeds or when traveling down a gentle slope, the engine is stopped* and the electric motor (traction motor) is used.

When the shift position is in N, the hybrid battery (traction battery) is not being charged.

*: When the hybrid battery (traction battery) requires charging or the engine is warming up, etc., the gasoline engine will not automatically stop. (→P.74)

■ **During normal driving**

The gasoline engine is predominantly used. The electric motor (traction motor) charges the hybrid battery (traction battery) as necessary.

■ **When accelerating sharply**

When the accelerator pedal is depressed heavily, the power of the hybrid battery (traction battery) is added to that of the gasoline engine via the electric motor (traction motor).

■ **When braking (regenerative braking)**

The wheels operate the electric motor (traction motor) as a power generator, and the hybrid battery (traction battery) is charged.

■ **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 hybrid battery (traction battery).
  - The accelerator pedal is released while driving with the shift position in D, B*1 or S*2.
  - The brake pedal is depressed while driving with the shift position in D, B*1 or S*2.

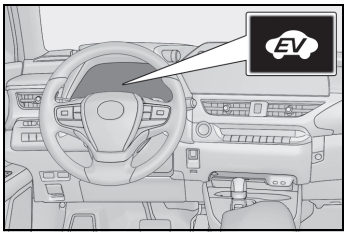
*1: Vehicles without paddle shift switches

*2: Vehicles with paddle shift switches

- While the GPF system (if equipped) (→P.322) is operating to regenerate the exhaust gas filter, the hybrid battery (traction battery) may not be recharged.

■ **EV indicator**

The EV indicator comes on when the vehicle is driven using only the electric motor (traction motor) or the gasoline engine is stopped.



■ **Conditions in which the gasoline engine may not stop**

The gasoline engine starts and stops automatically. However, it may not stop automatically in the following conditions*:

- During gasoline engine warm-up
- During hybrid battery (traction battery) charging
- When the temperature of the hybrid battery (traction battery) is high or low
- When the heater is switched on

*: Depending on the circumstances, the gasoline engine may also not stop automatically in other situations.

■ **Charging the hybrid battery (traction battery)**

As the gasoline engine charges the hybrid battery (traction battery), the battery does not need to be charged from an outside source. However, if the vehicle is left parked for a long time the hybrid battery (traction battery) will slowly discharge. For this reason, be sure to drive the vehicle at least once every few months for at least 30 minutes or 16 km (10 miles). If the hybrid battery (traction battery) becomes fully discharged and you are unable to start the hybrid system, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **Charging the 12-volt battery**

→P.477

■ **After the 12-volt battery has discharged or when the terminal has been removed and installed during exchange, etc.**

The gasoline engine may not stop even if the vehicle is being driven by the hybrid battery (traction battery). If this continues for a few days, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **Sounds and vibrations specific to a Hybrid Electric Vehicle**

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

The following sounds or vibrations may occur when the hybrid system is operating and are not a malfunction:

- Motor sounds may be heard from the engine compartment.
- Sounds may be heard from the hybrid battery (traction battery) under the rear seats when the hybrid system starts or stops.
- Relay operating sounds such as a snap or soft clank will be emitted from the hybrid battery (traction battery), under the rear seats, when the hybrid system is started or stopped.
- Sounds from the hybrid system may be heard when the back door is open.
- Sounds may be heard from the hybrid transmission when the gasoline engine starts or stops, when driving at low speeds, or during idling.
- Engine sounds may be heard when accelerating sharply.
- Sounds may be heard due to regenerative braking when the brake pedal is depressed or as the accelerator pedal is released.
- Vibration may be felt when the gasoline engine starts or stops.
- Cooling fan sounds may be heard from the air intake vent under the left side of the rear seat.

■ **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.

■ **Customization**

Settings (e.g. on/off operation of the EV indicator) can be changed.
(Customizable features:→P.498)

Acoustic Vehicle Alerting System (if equipped)

When driving with the gasoline engine stopped, 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.

■ **If "Acoustic Vehicle Alerting System 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.

Predictive efficient drive (if equipped)

This system operates based on the driving situation and traffic information to enhance fuel economy.

For details about Predictive efficient drive, refer to "MULTIMEDIA OWNER'S MANUAL".

■ Predictive deceleration support

When the vehicle approaches to predictive deceleration support points registered in the navigation system, the engine braking force will be increased according to the driving conditions to more efficiently charge the hybrid battery (traction battery) after the accelerator pedal is released.

■ Predictive SOC* control

The following types of control are performed based on data such as road and traffic information during route guidance by the navigation system to help ensure that the vehicle efficiently uses electricity.

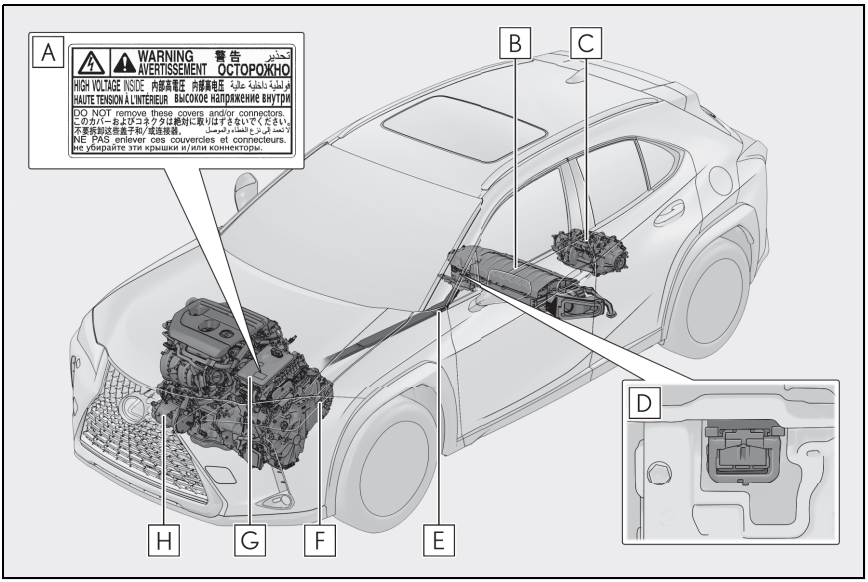
- When there is a long downhill slope along the route, the system reduces the hybrid battery (traction battery) level before reaching the slope to help ensure charging capacity for regenerative braking while traveling downhill.
- When traffic congestion is predicted along the route, the system helps ensure a certain battery level before reaching congested roads to reduce the frequency of starting the engine to charge the hybrid battery (traction battery) due to low battery levels.

*: SOC means state of charge

Hybrid system precautions

Take care when handling the hybrid system, as it is a high voltage system (about 600V at maximum) as well as contains parts that become extremely hot when the hybrid system is operating. Obey the warning labels attached to the vehicle.

System components



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

A Warning label

B Hybrid battery (traction battery)

C Rear electric motor (traction motor)*

D Service plug

E High voltage cables (orange)

F Front electric motor (traction motor)

G Power control unit

H Air conditioning compressor

*: AWD models only

Running out of fuel

When the vehicle has run out of fuel and the hybrid system cannot be started, refuel the vehicle with at least enough gasoline to make the low fuel level warning light (→P.438) go off. If there is only a small amount of fuel, the hybrid system may not be able to start. (The standard amount of fuel is about 7.5 L [2.0 gal., 1.7 Imp.gal.], when the vehicle is on a level surface. This value may vary when the vehicle is on a slope. Add extra fuel when the vehicle is inclined.)

Electromagnetic waves

- High voltage parts and cables on Hybrid 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.

Hybrid battery (traction battery)

The hybrid battery (traction battery) has a limited service life. The lifespan of the hybrid battery (traction battery) can change in accordance with driving style and driving conditions.

Starting the hybrid system in an extremely cold environment

When the hybrid battery (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 hybrid system. In this case, try to start the hybrid system again after the temperature of the hybrid battery increases due to the outside temperature increase etc.

Declaration of conformity

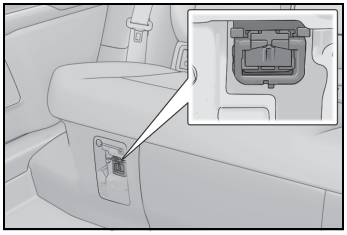
This model conforms to hydrogen emissions according to regulation ECE100 (Battery electric vehicle safety).

WARNING

High voltage precautions

This vehicle has high voltage DC and AC systems as well as a 12-volt system. DC and AC high voltage is 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 or their connectors.
- The hybrid 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 underneath the rear seats. The service plug is used only when the vehicle is serviced and is subject to high voltage.



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 and shift the shift position to P to stop the hybrid system. Then, slowly release the brake pedal.
- Do not touch the high voltage parts, cables and connectors.

WARNING

- If electric wires are exposed inside or outside your vehicle, an electric shock may occur. Never touch exposed electric wires.
- Do not touch the battery if liquid is leaking from or adhering to it. If electrolyte (carbonic-based organic electrolyte) from the hybrid battery (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 hybrid battery (traction battery), do not approach the vehicle. Even in the unlikely event that the hybrid battery (traction battery) is damaged, the internal construction of the battery will prevent a large amount of electrolyte from leaking out. However, any electrolyte that does leak out will give off a vapor. This vapor is 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 Hybrid Electric Vehicle, leave the vehicle as soon as possible. Never use a fire extinguisher that is not meant for electric fires. Using even a small amount of water may be dangerous.
- If your vehicle needs to be towed, do so with front wheels (2WD models) or four wheels (AWD models) raised. If the wheels connected to the electric motor (traction motor) are on the ground when towing, the motor may continue to generate electricity. This may cause a fire. (→P.429)
- Carefully inspect the ground under the vehicle. If you find that liquid has leaked onto the ground, the fuel system may have been damaged. Leave the vehicle as soon as possible.

■ Hybrid battery (traction battery)

- Never resell, hand over or modify the hybrid battery. To prevent accidents, hybrid 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:

- Your vehicle contains a sealed lithium-ion battery.
  - The hybrid 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.
  - The hybrid battery is intended to be used exclusively with your Hybrid Electric Vehicle. If the hybrid 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.

WARNING

- If your vehicle is disposed of without the hybrid 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 hybrid battery must be disposed of by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer. If the hybrid battery is not disposed of properly, it may cause electric shock that can result in death or serious injury.

NOTICE

■ **Hybrid battery (traction battery)**

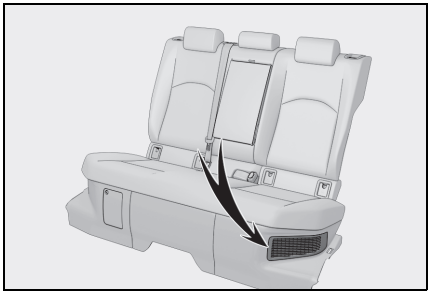
Do not carry large amounts of water such as water cooler bottles in the vehicle. If water spills onto the hybrid battery (traction battery), the battery may be damaged. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Hybrid battery (traction battery) air intake vent

There is an air intake vent under the left side of the rear seat with the purpose of cooling the hybrid battery (traction battery).

If the vent is blocked, it may interfere with the cooling of the hybrid battery (traction battery).

If input/output of the hybrid battery (traction battery) becomes limited and the distance that the vehicle can be driven using the electric motor (traction motor) is reduced, the fuel economy may be reduced.



NOTICE

■ **Hybrid battery (traction battery) air intake vent**

- Make sure not to block the air intake vent with anything, such as a seat cover, luggage, or carpet. The input/output of the hybrid battery (traction battery) may be restricted, leading to a reduction in hybrid battery (traction battery) output and a malfunction.
- Periodically clean the air intake vent to prevent it from clogging. (→P.413)
- Do not get water or foreign materials in the air intake vent as this may cause a short circuit and damage the hybrid battery (traction battery).

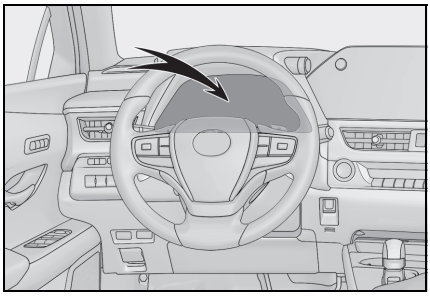
Emergency shut off system

When a certain level of impact is detected by the impact sensor, the emergency shut off system blocks the high voltage current and stops the fuel pump to minimize the risk of electrocution and fuel leakage. If the emergency shut off system activates, your vehicle will not restart. To restart the hybrid system, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Hybrid warning message

A message is automatically displayed when a malfunction occurs in the hybrid 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.



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

The hybrid system may not start. In this 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.

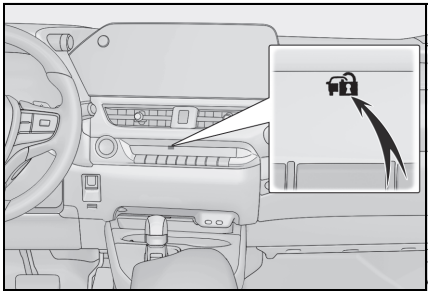
Immobilizer system

The vehicle's keys have built-in transponder chips that prevent the hybrid 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

NOTICE

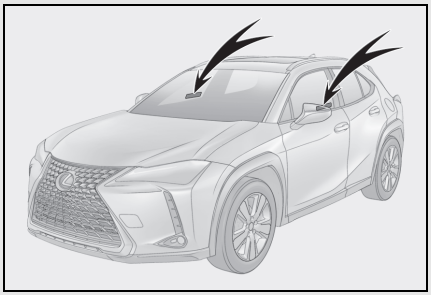
■ To ensure the system operates correctly

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 or back 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. (Example: an intruder breaks a window and gets into the vehicle.)
- The tilt sensor detects a change of vehicle inclination. (if equipped)

Setting/deactivating/stopping the alarm system

Items to check before locking the vehicle

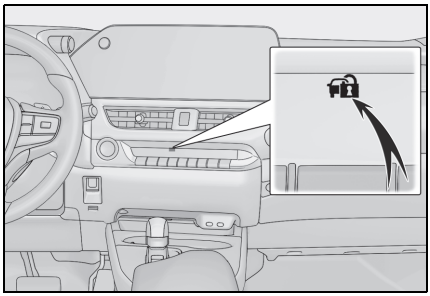
To prevent unexpected triggering of the alarm and vehicle theft, make sure of the following.

- 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, back door 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 indicator light changes from being on to flashing when the system is set.



Deactivating or stopping

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

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

Setting the alarm

The alarm can be set if all the doors are closed even with the hood open.

System maintenance

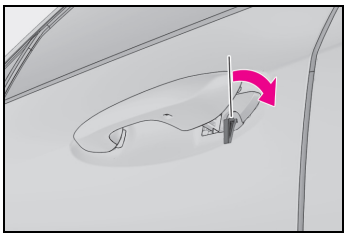
The vehicle has a maintenance-free type alarm system.

Triggering of the alarm

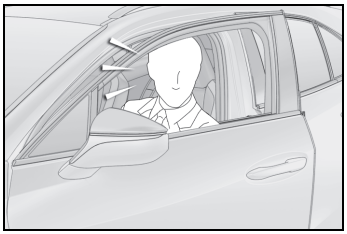
The alarm may be triggered in the following

situations:
(Stopping the alarm deactivates the alarm system.)

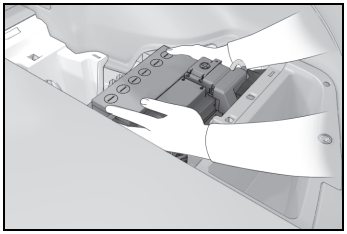
- The doors are unlocked using the mechanical key.



- A person inside the vehicle opens a door, back door or hood, or unlocks the vehicle.



- The 12-volt battery is recharged or replaced when the vehicle is locked. (→P.475)



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.

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 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.84)

Canceling the intrusion sensor and tilt sensor

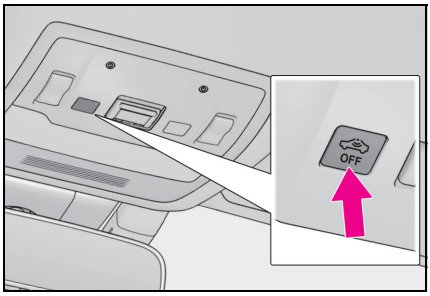
If you are leaving pets or other moving things inside the vehicle, make sure to disable the intrusion sensor and tilt sensor before setting the alarm, as they will respond to movement inside the vehicle.

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.

A message will be shown on the multi-information display in the instrument cluster.

The intrusion sensor and tilt sensor will revert to on each time the power switch is turned to ON.



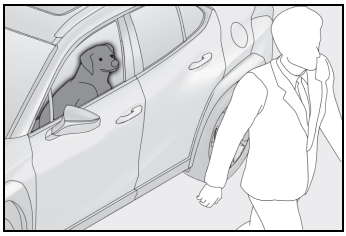
■ Canceling and automatic re-enabling of the intrusion sensor and tilt sensor

- 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 deactivated.

■ Intrusion sensor detection considerations

The sensor may trigger the alarm in the following situations:

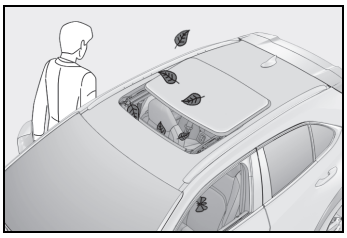
- People or pets are in the vehicle.



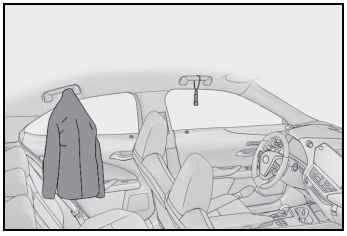
- A window or the moon roof (if equipped) is open.

In this case, the sensor may detect the following:

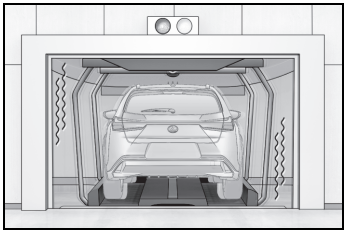
- Wind or the movement of objects such as leaves and insects inside the vehicle
- Ultrasonic waves emitted from devices such as the intrusion sensors of other vehicles
- The movement of people outside the vehicle



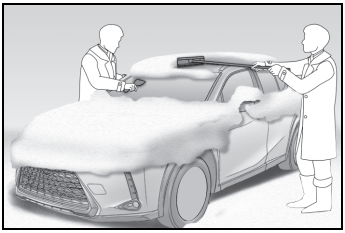
- Small insects such as moths or flies are in the vehicle.
- Unstable items, such as dangling accessories or clothes hanging on the coat hooks, are in the vehicle.



- 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

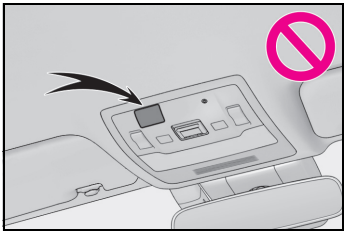
The sensor may trigger the alarm in the following situations:

- 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.

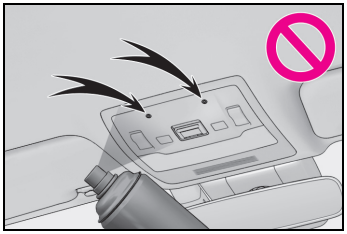
NOTICE

To ensure the intrusion sensor functions correctly

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



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



- 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.

2-1. Instrument cluster

Warning lights and indicators. 90

Gauges and meters (7-inch display) 96

Gauges and meters (12.3-inch display) 102

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Displayed content..... 115

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.

Instrument cluster

▶ Vehicles with 7-inch display



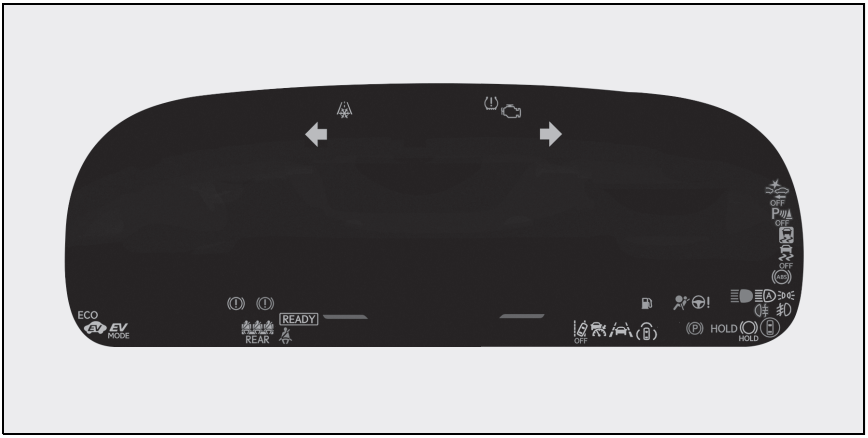
▶ Vehicles with 12.3-inch display (Type 1)



▶ Vehicles with 12.3-inch display (Type 2)



▶ Vehicles with 12.3-inch display (Type 3)



The location of some displayed items and the units of measure may differ depending on the intended destination of the vehicle.

Warning lights

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


(red)

Brake system warning light*1 (→P.434)



Charging system warning light*2 (→P.434)



Low engine oil pressure warning light*2 (→P.434)



Malfunction indicator lamp*1 (→P.435)


High coolant temperature warning light*2 (→P.435)


Tire pressure warning light*1 (→P.435)


(yellow)
Brake system warning light*1 (→P.436)


SRS warning light*1 (→P.436)


ABS warning light*1 (→P.436)


(red)
Electric power steering system warning light*1 (→P.436)


(yellow)
Electric power steering system warning light*1 (→P.436)


Slip indicator*1 (→P.437)


(Flashes)
Parking brake indicator (→P.437)



(Flashes)
Brake hold operated indicator*1 (→P.437)



Lexus parking assist-sensor OFF indicator*1 (if equipped) (→P.437)


Low fuel level warning light (→P.438)


Driver's and front passenger's seat belt reminder light (→P.438)



Rear passengers' seat belt reminder lights*3 (→P.438)



Rear passengers' seat belt reminder lights*4 (→P.438)


Inappropriate pedal operation warning light*2 (→P.439)



PCS warning light*1 (→P.439)


(Yellow)
LTA indicator (→P.439)


(Yellow)
LDA indicator (→P.439)


(Yellow)
PDA indicator (if equipped) (→P.440)


(Yellow)
Cruise control indicator (→P.440)


(Yellow)
Dynamic radar cruise control indicator (→P.440)


(Yellow)
Driving assist information indicator*1 (→P.440)


Hybrid system overheat warning light*2 (→P.441)

*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 hybrid 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 with a message.

*3: Vehicles with 7-inch display

*4: Vehicles with 12.3-inch 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 hybrid 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.209)


Tail light indicator (→P.216)


Headlight high beam indicator (→P.217)


AHS indicator*1 (if equipped) (→P.219)

AHB indicator*1 (→P.222)


Front fog light indicator (if equipped) (→P.225)


Rear fog light indicator (→P.225)


PCS warning light*1, 2 (→P.247)


(White)
LTA indicator (→P.260)


(Green)
LTA indicator (→P.260)


(Yellow) (Flashes)
LTA indicator (→P.260)


(Green)
LDA indicator (→P.264)


(Yellow) (Flashes)
LDA indicator (→P.264)


LDA OFF indicator*2 (→P.264)


(White)
PDA indicator (if equipped) (→P.270)


(Green)
PDA indicator (if equipped) (→P.270)


(Green)
Cruise control indicator (→P.288)


(White)
Cruise control indicator (→P.288)


(Green)
Dynamic radar cruise control indicator (→P.284)


(White)
Dynamic radar cruise control indicator (→P.284)


Driving assist information indicator*1, 2 (→P.286, 289, 296, 298)


Outside rear view mirror indicators*3 (if equipped) (→P.286, 289, 296)


Lexus parking assist-sensor OFF indicator*1, 2 (if equipped) (→P.291)


Lexus parking assist-sensor detection indicator*1, 4 (if equipped) (→P.291)


(Flashes)
Slip indicator*1 (→P.324)


VSC OFF indicator*1, 2 (→P.325)


Smart entry & start system indicator*5 (→P.196)


"READY" indicator (→P.196)


EV drive mode indicator (→P.200)


Parking brake indicator (→P.210)


Brake hold standby indicator*1 (→P.213)


Brake hold operated indicator*1 (→P.213)


EV indicator (→P.74)


Low outside temperature indicator*6 (→P.289)


Security indicator*7 (→P.82, 84)



"PASSENGER AIR BAG" indicator*8 (if equipped) (→P.46)



"PASSENGER AIR BAG" indicator*8 (if equipped) (→P.46)


Stop light indicator*9 (→P.95)


Stop light indicator*10 (→P.95)



Eco drive mode indicator (→P.320)



Sport mode indicator (if equipped) (→P.320)



Sport S mode indicator (if equipped) (→P.312)



Sport S+ mode indicator (if equipped) (→P.312)



Custom mode indicator (if equipped) (→P.312)

*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 hybrid 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 outside rear view mirrors.

*4: Vehicles without Center Display or rear camera

*5: This light illuminates on the multi-information display with a message.

*6: When the outside temperature is approximately 3°C (37°F) or lower, this indicator will flash for approximately 10 seconds, then stay on.

*7: This light illuminates on the center panel.

*8: This light illuminates on the center display.

*9: Vehicles with 7-inch display.

*10: Vehicles with 12.3-inch display.

■ **Lexus parking assist-sensor OFF indicator**

Vehicles without Center display: The indicators turn off when the shift position is changed to R regardless of whether the Lexus parking assist-sensor function is turned on or off.

■ **Stop light indicator**

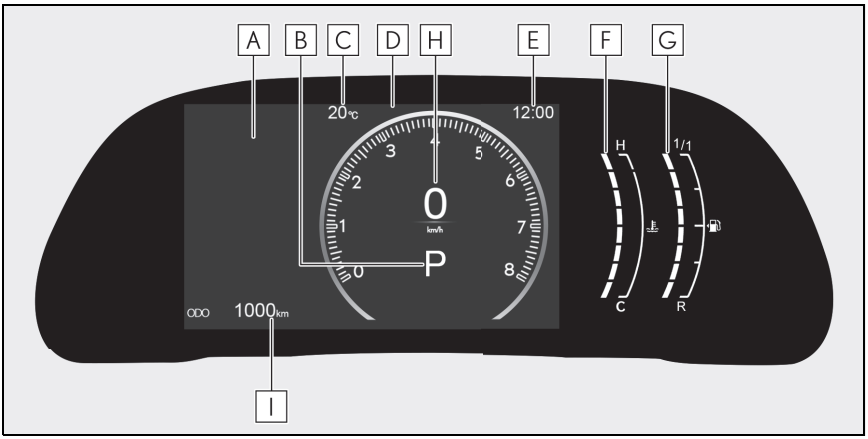
This light comes on when the stop lights are illuminated by the operation of the brake pedal or the driving assist system.

Gauges and meters (7-inch display)

Meter display

■ Locations of gauges and meters

▶ Type 1



A Multi-information display

Presents the driver with a variety of vehicle data and displays warning messages if a malfunction occurs. (→P.110, 443)

B Shift position/shift range

C Outside temperature

Displays the ambient temperature within the range of -40°C (-40°F) to 60°C (140°F).

D Tachometer/Hybrid System Indicator

Tachometer: Displays the engine speed in revolutions per minute.

Hybrid System Indicator: Displays hybrid system output or regeneration level. (→P.99)

E Clock

Automatically adjusts the time by using the GPS time information (GPS clock). For details, refer to the "MULTIMEDIA OWNER'S MANUAL".

F Engine coolant temperature gauge

Displays the engine coolant temperature.

G Fuel gauge

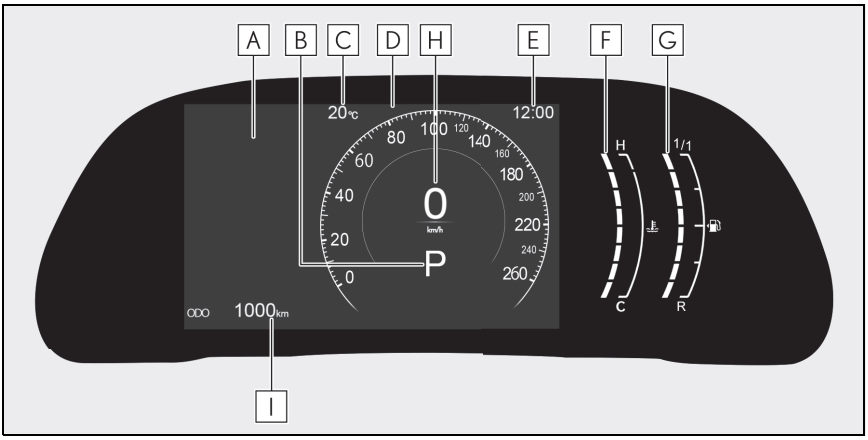
Displays the quantity of fuel remaining in the tank.

H Digital speedometer

Displays the vehicle speed

I Odometer and trip meter display (→P.100)

▶ Type 2



A Multi-information display

Presents the driver with a variety of vehicle data and displays warning messages if a malfunction occurs. (→P.110, 443)

B Shift position/shift range

C Outside temperature

Displays the ambient temperature within the range of -40°C (-40°F) to 60°C (140°F).

D Analog speedometer

Displays the vehicle speed.

E Clock

Automatically adjusts the time by using the GPS time information (GPS clock). For details, refer to the "MULTIMEDIA OWNER'S MANUAL".

F Engine coolant temperature gauge

Displays the engine coolant temperature.

G Fuel gauge

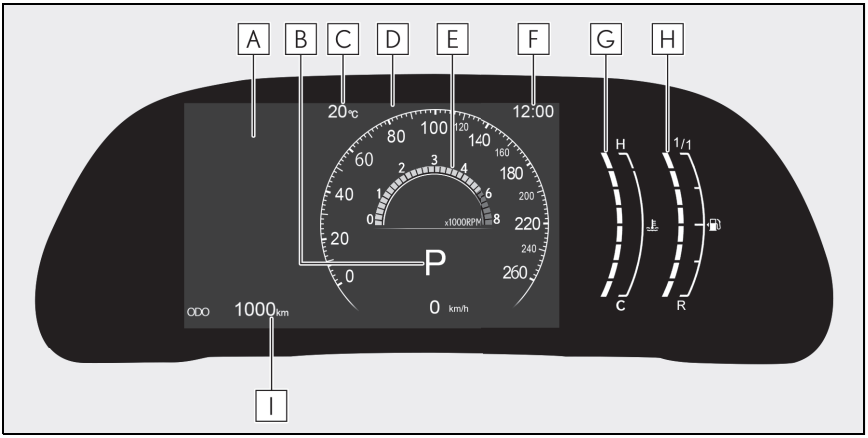
Displays the quantity of fuel remaining in the tank.

H Digital speedometer

Displays the vehicle speed.

I Odometer and trip meter display (→P.100)

▶ Type 3



A Multi-information display

Presents the driver with a variety of vehicle data and displays warning messages if a malfunction occurs. (→P.110, 443)

B Shift position/shift range

C Outside temperature

Displays the ambient temperature within the range of -40°C (-40°F) to 60°C (140°F).

D Analog speedometer

Displays the vehicle speed.

E Tachometer/Hybrid System Indicator

Depending on the selected drive mode or certain settings, the display will change. (→P.498)

Tachometer: Displays the engine speed in revolutions per minute.

Hybrid System Indicator: Displays hybrid system output or regeneration level. (→P.99)

F Clock

Automatically adjusts the time by using the GPS time information (GPS clock). For details, refer to the "MULTIMEDIA OWNER'S MANUAL".

G Engine coolant temperature gauge

Displays the engine coolant temperature.

H Fuel gauge

Displays the quantity of fuel remaining in the tank.

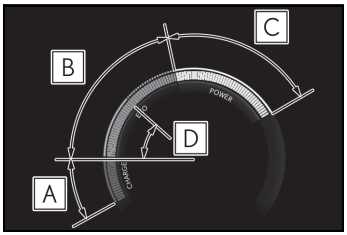
I Odometer and trip meter display (→P.100)

■ **The meters and display illuminate when**

The power switch is in ON.

■ **Hybrid System Indicator**

▶ Type 1



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

A Charge area

Shows regeneration* status.

B Eco area

Shows that the vehicle is being driven in an Eco-friendly manner.

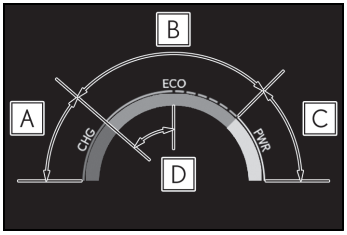
C Power area

Shows that an Eco-friendly driving range is being exceeded (during full power driving etc.)

D Hybrid Eco area

Shows that gasoline engine power is not being used very often.

▶ Type 3



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

A Charge area

Shows regeneration* status.

B Eco area

Shows that the vehicle is being driven in an Eco-friendly manner.

C Power area

Shows that an Eco-friendly driving range is being exceeded (during full power driving etc.)

D Hybrid Eco area

Shows that gasoline engine power is not being used very often.

The gasoline engine will automatically stop and restart under various conditions.

- By keeping the indicator needle within Eco area, more Eco-friendly driving can be achieved.
- Charge area indicates regeneration* status. Regenerated energy will be used to charge the hybrid battery (traction battery).

*: When used in this manual, regeneration refers to the conversion of energy created by the movement of the vehicle into electrical energy.

In the following situation, the Hybrid System Indicator does not operate.

- "READY" indicator is not illuminated.
- The shift position is in other than D or S.

■ **Changing between the tachometer or hybrid system indicator**

Depending on the current drive mode or settings, the displays will change as follows. Settings can be changed on the Center Display. (→P.497)

- The tachometer will be displayed in the following situations.
  - When the meter display type setting is set to display type 1 or display type 3
  - When the tachometer setting is set to

always display the tachometer
- When the tachometer setting is set to change according to the driving mode and a driving mode other than Eco drive mode is selected

● The hybrid system indicator will be displayed in the following situations.
- When the meter display type setting is set to display type 1 or display type 3
- When the tachometer setting is set to always display the hybrid system indicator
- When the tachometer setting is set to change according to the driving mode and Eco drive mode is selected

■ Engine speed

On hybrid electric vehicles, engine speed is precisely controlled in order to help improve fuel efficiency and reduce exhaust emissions etc.
There are times when the engine speed that is displayed may differ even when vehicle operation and driving conditions are the same.

■ 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

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

■ 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 new gear number appearing on the display. This lag could cause the driver to downshift again, causing rapid and excessive engine braking and possibly an accident resulting in death or injury.

NOTICE

■ To prevent damage to the engine and its components

● Do not let the indicator needle of the tachometer enter the red zone, which indicates the maximum engine speed.

● The engine may be overheating if the engine coolant temperature gauge is in the red zone (H); or "Engine Coolant Temp High Stop in a Safe Place See Owner's Manual" is shown on the multi-information display. In this case, immediately stop the vehicle in a safe place, and check the engine after it has cooled completely. (→P.480)

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

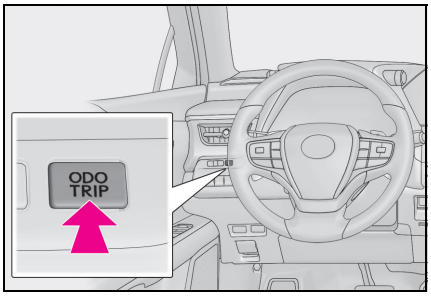
driven since the meter was last reset. Trip meters A and B can be used to record and display different distances independently.

- Distance until next engine oil change

Displays the distance the vehicle can be driven until an oil change is necessary.

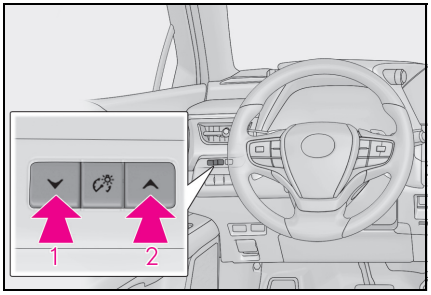
Changing the display

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

Brightness of the instrument panel lights (day mode and night mode)

The brightness of the instrument panel lights is changed between day mode and night mode.

- Day mode: When the tail lights are off or when the tail lights are on but the surrounding area is bright
- Night mode: When the tail lights are on and the surrounding area is dark

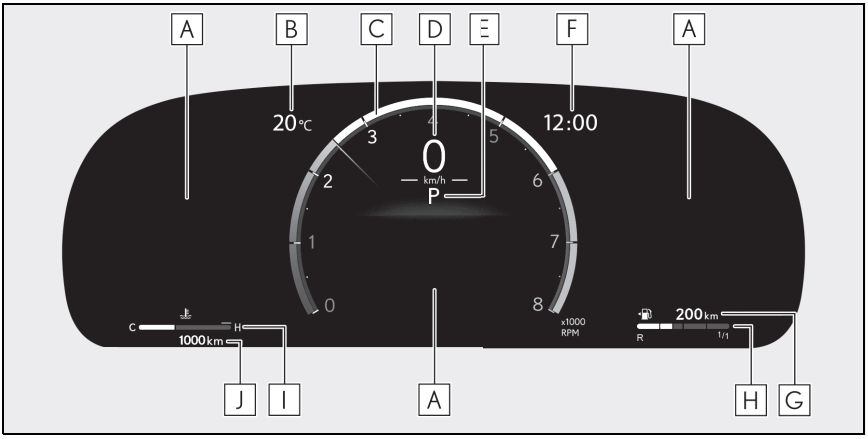
Gauges and meters (12.3-inch display)

Meter display

■ Locations of gauges and meters

The meter display type setting can be changed. (→P.497)

▶ Type1/Type 3 (Except F SPORT models)



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.110)
Displays warning messages if a malfunction occurs (→P.434)

B Outside temperature (→P.107)

C Analog meter (Type 1 only)

Depending on the selected drive mode or certain settings, the display will change. (→P.497)

Tachometer:

Displays the engine speed in revolutions per minute

Hybrid System Indicator:

Displays hybrid system output or regeneration level (→P.107)

D Digital speedometer

Displays the vehicle speed

E Shift position/shift range (→P.202)

F Clock

The GPS clock's time is automatically adjusted by utilizing GPS time information.
For details, refer to the "MULTIMEDIA OWNER'S MANUAL".

G Distance to empty

Displays the driving range with remaining fuel (→P.107)

H Fuel gauge

Displays the quantity of fuel remaining in the tank.

In the following situations, the actual quantity of fuel remaining in the tank may not be displayed correctly. Refer to P.107 if the actual quantity of fuel remaining in the tank is not displayed correctly.

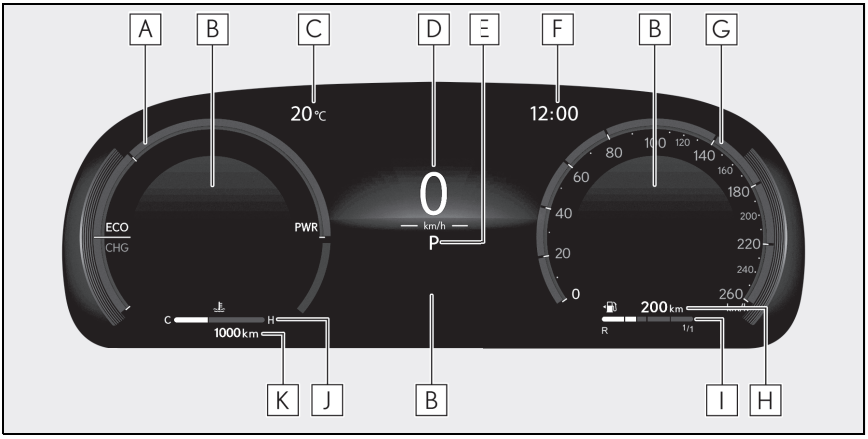
- A small amount of fuel is added.
- Fuel is added with the fuel gauge near or at "F".
- The vehicle is stopped on an uneven surface, such as a slope.
- The vehicle is driven on a slope or around a curve.

I Engine coolant temperature gauge

Displays the engine coolant temperature

J Odometer and trip meter display (→P.100)

▶ Type 2



The location of some displayed items and the units of measure may differ depending on the intended destination of the vehicle.

A Analog meter

Depending on the selected drive mode or certain settings, the display will change. (→P.202)

Tachometer:

Displays the engine speed in revolutions per minute

Hybrid System Indicator:

Displays hybrid system output or regeneration level (→P.107)

B Multi-information display

Presents the driver with a variety of vehicle data (→P.110)

Displays warning messages if a malfunction occurs (→P.434)

C Outside temperature (→P.107)

D Digital speedometer

Displays the vehicle speed

E Shift position/shift range (→P.202)

F Clock

The GPS clock's time is automatically adjusted by utilizing GPS time information. For details, refer to the "MULTIMEDIA OWNER'S MANUAL".

G Analog speedometer

Displays the vehicle speed

H Distance to empty

Displays the driving range with remaining fuel (→P.107)

I Fuel gauge

Displays the quantity of fuel remaining in the tank.

In the following situations, the actual quantity of fuel remaining in the tank may not be displayed correctly. Refer to P.107 if the actual quantity of fuel remaining in the tank is not displayed correctly.

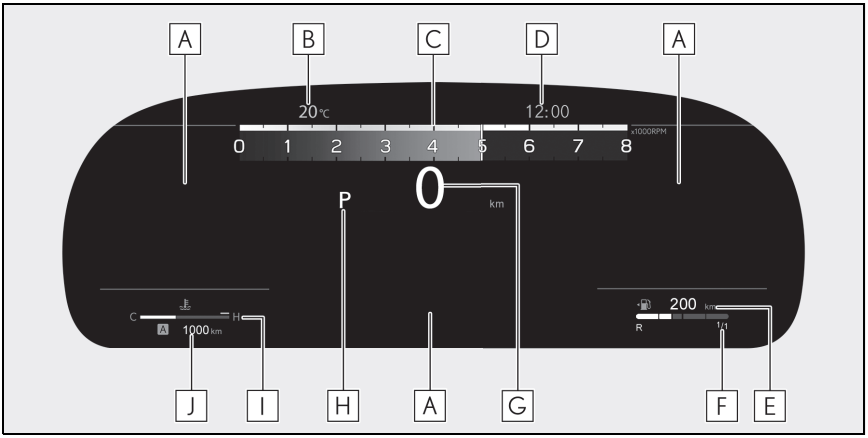
- A small amount of fuel is added.
- Fuel is added with the fuel gauge near or at "F".
- The vehicle is stopped on an uneven surface, such as a slope.
- The vehicle is driven on a slope or around a curve.

J Engine coolant temperature gauge

Displays the engine coolant temperature

K Odometer and trip meter display (→P.100)

▶ Type 3 (F SPORT models)



A Multi-information display

Presents the driver with a variety of vehicle data (→P.102)
Displays warning messages if a malfunction occurs (→P.434)

B Outside temperature (→P.107)

C Tachometer/Hybrid System Indicator

Tachometer:

Displays the engine speed in revolutions per minute

Hybrid System Indicator:

Displays hybrid system output or regeneration level (→P.107)

D Clock

The GPS clock's time is automatically adjusted by utilizing GPS time information.

For details, refer to the "Multimedia Owner's Manual".

E Distance to empty

Displays the driving range with remaining fuel (→P.107)

F Fuel gauge

Displays the quantity of fuel remaining in the tank.

In the following situations, the actual quantity of fuel remaining in the tank may not be displayed correctly. Refer to P.107 if the actual quantity of fuel remaining in the tank is not displayed correctly.

- A small amount of fuel is added.
- Fuel is added with the fuel gauge near or at "F".
- The vehicle is stopped on an uneven surface, such as a slope.
- The vehicle is driven on a slope or around a curve.

G Digital speedometer

Displays the vehicle speed

H Shift position/shift range (→P.202)

I Engine coolant temperature gauge

Displays the engine coolant temperature

J Odometer and trip meter display (→P.108)

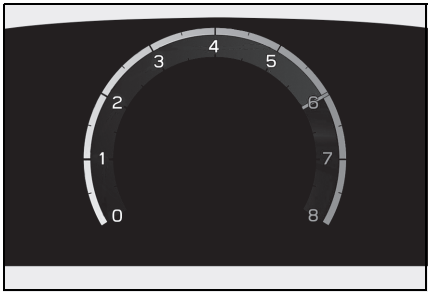
■ **Rev indicator (F SPORT models)**

When the engine speed reaches a set speed or the red zone, the tachometer will be highlighted.

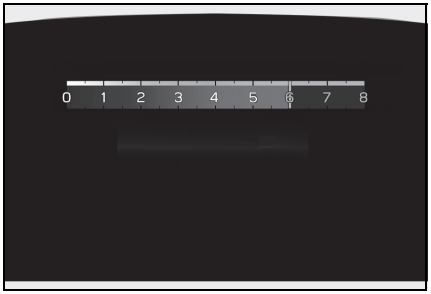
The indicators will be displayed in amber when the engine speed reaches a set speed, and in red when the engine speed reaches the red zone.

The engine speed at which the Rev indicator is displayed can be changed on the center display. (→P.497)

▶ Ring display state



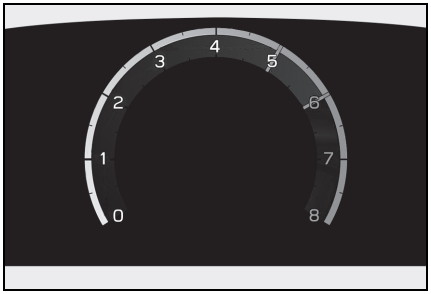
▶ Bar display state



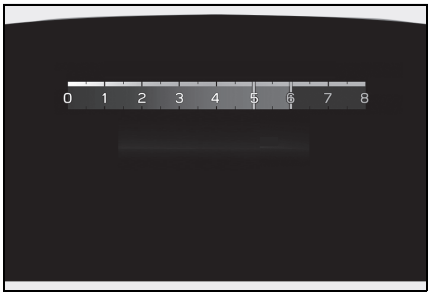
■ **Rev peak (F SPORT models)**

When the engine speed reaches or exceeds 4000 r/min, an afterimage of the tachometer will be displayed at the highest engine speed for approximately 1 second.

▶ Ring display state



▶ Bar display state



■ **The meters and display illuminate when**

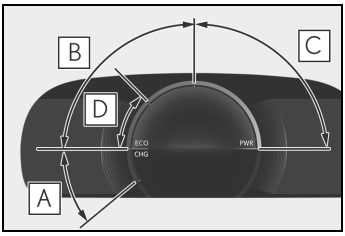
The power switch is in ON.

■ **Engine speed**

On hybrid vehicles, engine speed is pre-

cisely controlled in order to help improve fuel efficiency and reduce exhaust emissions etc.
There are times when the engine speed that is displayed may differ even when vehicle operation and driving conditions are the same.

■ **Hybrid System Indicator**



A Charge area

Shows regeneration* status.

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

D Hybrid Eco area

Shows that gasoline engine power is not being used very often.

The gasoline engine will automatically stop and restart under various conditions.

*: When used in this manual, regeneration refers to the conversion of energy created by the movement of the vehicle into electrical energy.

In the following situation, the Hybrid System Indicator does not operate.

- "READY" indicator is not illuminated.
- The shift position is in any position other than D or S.

■ **Distance to empty**

- This distance is computed based on your average fuel consumption. As a result, the actual distance that can be driven may differ from that displayed.
- When only a small amount of fuel is added to the tank, the display may not be updated. When refueling, turn the power switch off. If the vehicle is refueled without turning the power switch off, the display may not be updated.
- When "Refuel" is displayed, the remaining fuel amount is low and the distance that can be driven with the remaining fuel cannot be calculated. Refuel immediately.

■ **Manually updating the fuel gauge and possible driving range**

The fuel gauge and the possible driving range are linked. If the displays of the fuel gauge and possible driving range do not update after adding a small amount of fuel, the displays can be updated by performing the following procedure.

1. Stop the vehicle on a level surface.
2. Press the "ODO TRIP" switch to change the odometer and trip meter display to odometer.
3. Turn the power switch off.
4. While pressing and holding the "ODO TRIP" switch, turn the power switch to ON.
5. Continue to hold the "ODO TRIP" switch for approximately 5 seconds, and then release it once the odometer begins flashing.

Updating is complete once the odometer flashes for approximately 5 seconds and then the display returns to normal.

■ **Outside temperature display**

- Displays the outside temperature within the range of -40°C (-40°F) to 60°C (140°F)

● When the outside temperature is approximately 3°C (37°F). or lower, the indicator will flash for approximately 10 seconds, then stay on.

● 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**

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.

■ **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.

https://www.yazaki-group.com/rd-tech/oss/880

■ **Customization**

Some functions can be customized. (→P.498)

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 new gear number appearing on the display. This lag could cause the driver to downshift again, causing rapid and excessive engine braking and possibly an accident resulting in death or injury.

NOTICE

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

● Do not let the indicator needle of the tachometer enter the red zone, which indicates the maximum engine speed.

● The engine may be overheating if the engine coolant temperature gauge is in the red zone (H); or "Engine Coolant Temp High Stop in a Safe Place See Owner' Manual" is shown on the multi-information display. In this case, immediately stop the vehicle in a safe place, and check the engine after it has cooled completely. (→P.480)

Odometer and trip meter display

■ **Display items**

● Odometer

Displays the total distance the vehicle has been driven.

● Trip meter A/trip meter B

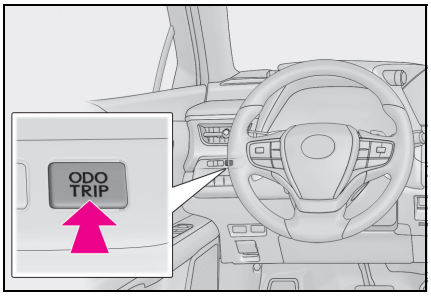
Displays the distance the vehicle has been driven since the meter was last reset. Trip meters A and B can be used to record and display different distances independently.

● Distance until next engine oil change

Displays the distance the vehicle can be driven until an oil change is necessary.

■ 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.

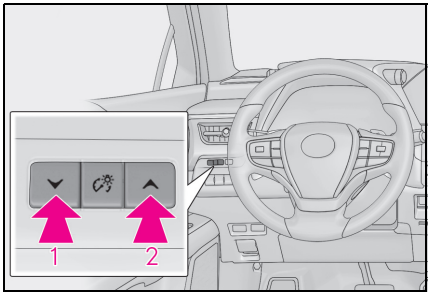


■ Pop-up display

Distance until the next engine oil change will be displayed when a warning message indicating that oil maintenance should be performed soon or is required is displayed.

Changing the instrument panel light brightness

The brightness of the instrument panel lights can be adjusted.



1 Brighter
2 Darker

■ Brightness of the instrument panel lights (day mode and night mode)

The brightness of the instrument panel lights can be adjusted individually.

In the following situations, the meters changes between day mode and night mode.

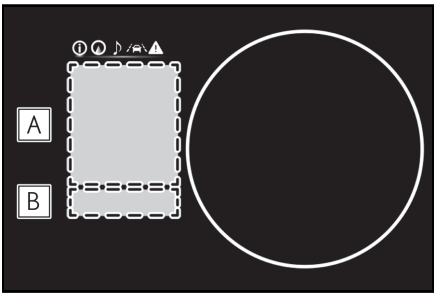
- Day mode: When the tail lights are off or when the tail lights are on but the surrounding area is bright
- Night mode: When the tail lights are on and the surrounding area is dark

Multi-information display (7-inch display)

Displayed contents summary

Display area

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



A Content display area

B Driving support system information display area

When a menu icon other than  is selected, if the driving support system operates, the system operating state will be displayed.

Items displayed in the content display area

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

 Driving information display

 Navigation system-linked display (if equipped)

 Audio system-linked display

 Driving support system information display

 Warning message

Liquid crystal display

→P.100

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

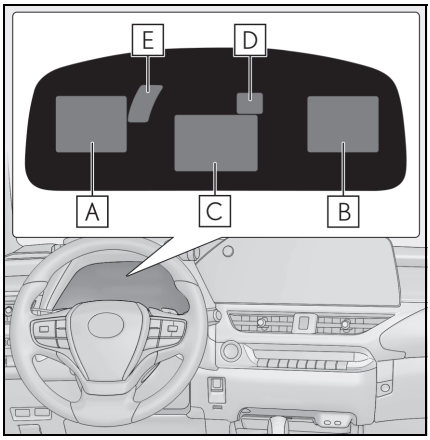
→P.100

Multi-information display (12.3-inch display)

The multi-information display is used to display fuel efficiency related information and various types of driving-related information. The multi-information display can also be used to change the display settings and other settings.

Display contents

Following information is displayed in each area on the multi-information display.



A Content display area (left)

B Content display area (right)

C Content display area (center)

D Driving support system information display area

When driving support system information is displayed on the content display area, the system operating state will not be displayed in this area.

E RSA (Road Sign Assist) display area (if equipped) (→P.272)

■ **Content display area (center)**

- Driving support system information display (→P.118)
- Map display (if equipped) (→P.118)
- Blank (→P.121)

■ **Content display area (left/right)**

- Fuel Economy (→P.116)
- EV Driving Ratio (→P.117)
- Driving support system information display (→P.118)
- Navigation system-linked information display (→P.118)
- Audio system-linked display (→P.118)
- Drive information display (→P.118)
- Energy monitor (→P.120)
- G-force display (→P.117)
- Blank (→P.121)

■ **The multi-information display is displayed when**

The power switch is in ON.

■ **Liquid crystal display**

→P.108

■ **When changing driving mode**

Background color of the multi-information display is changed following the selected driving mode. (→P.320)

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

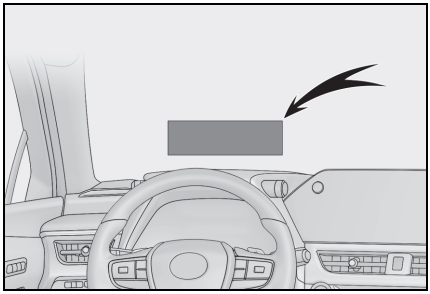
→P.108

Head-up display*

*: If equipped

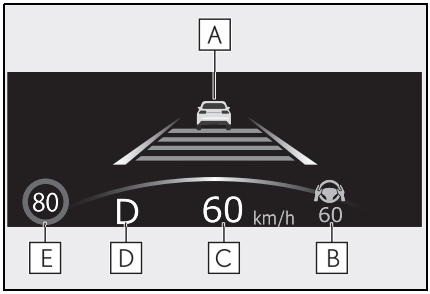
The head-up display projects a variety of driving-related information and the operating state of the driving support systems on the windshield.

Head-up display



The meter display type setting of head-up display can be changed. (→P.114)
The content displayed will differ according to the driving conditions and display mode of the head-up display. Depending on the situation, pop-up displays will also be displayed.

■ Full



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.115)/Navigation system-linked display area/Hybrid system Indicator or Tachometer display area (→P.115)

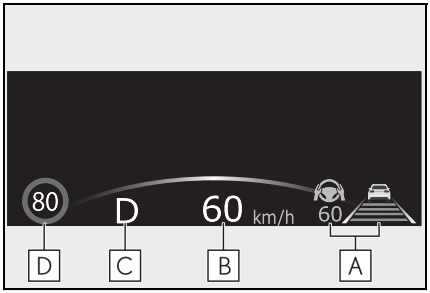
B Driving support system display area (→P.115)

C Speedometer

D Shift position/shift range/gear position (→P.202)

E RSA (Road Sign Assist) display (if equipped) (→P.272)

■ Standard



Illustrations used in this text are intended as examples, and may differ from the image that is actually displayed by the head-up display.

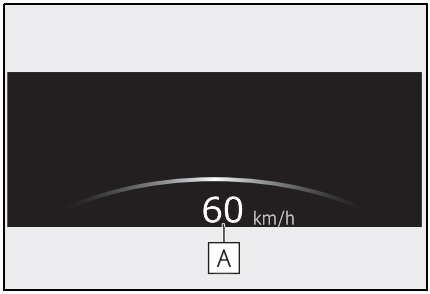
A Driving support system display area (→P.115)

B Speedometer

C Shift position/shift range (→P.202)

D RSA (Road Sign Assist) display (if equipped) (→P.272)

■ Minimum



A Speedometer

■ 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.

WARNING

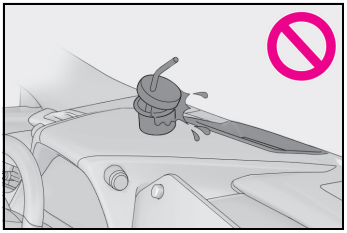
■ When using the head-up display

- 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

■ Changing settings of the head-up display

1 Select on the Center display.

2 Select "Vehicle customise".

3 Select "Head up display".

The following settings can be changed.

● Enabling/disabling the head-up display

Select to enabling/disabling the head-up display.

● Head-up display type

Select to change head-up display type. (→P.112)

● Brightness and vertical position of the head-up display

Select to adjust the brightness or vertical position of the head-up display.

● Display angle

Select to adjust the angle of the head-up display.

■ 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

● In addition to the brightness setting, the brightness of the display will change automatically according to the ambient brightness.

● When the temperature around the head-up display is high, the display will gradually become dark to protect the head-up display. It will gradually return to normal when the temperature drops.

■ Head-up display automatic adjustment

If the display setting is recorded into memory, the head-up display will be automatically adjusted. (→P.173)

■ When the 12-volt battery is disconnected

The customize settings of the head-up display will be reset.

WARNING

■ Caution for changing settings of the head-up display

As the hybrid system needs to be operating while changing the settings of the head-up display, ensure that the vehicle is parked in a place with adequate ventilation. In a closed area such as a garage, exhaust gases including harmful carbon monoxide (CO) may collect and enter the vehicle. This may lead to death or a serious health hazard.

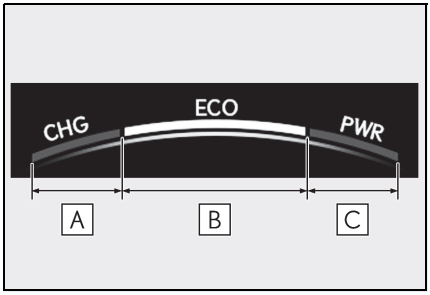
NOTICE

When changing the settings of the head-up display

To prevent 12-volt battery discharge, ensure that the hybrid system is operating while changing the settings of the head-up display.

Hybrid System Indicator/tachometer display area

Hybrid System Indicator



A Charge area

B Eco area

C Power area

Displays hybrid system output or regeneration level. For details, refer to P.107.

Tachometer

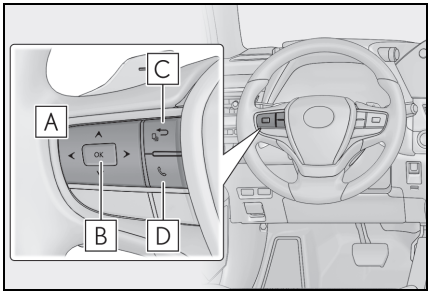
Displays the engine speed in revolutions per minute.

Hybrid System Indicator / tachometer is displayed when

- Hybrid System Indicator/tachometer is displayed when all of the following conditions are met:
  - When LTA (Lane Tracing Assist), LDA (Lane Departure Alert) and dynamic radar cruise control is turned off.
  - Full mode (→P.115) is selected as head-up display type.

Displayed content

Components/Operations



A ＜ / ＞ : Change the screen and move the cursor

∧ / ∨ : Change the displayed content and scroll up/down the screen

B Press: Enter/Set
Press and hold: Reset/Display customizable items, display the cursor

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 "MULTIMEDIA OWNER'S MANUAL".

Display of drive information

Driving related information is displayed on the following displays.

- Multi-information display
- Head-up display (If equipped)
- Center display

The items displayed will differ depending on the display.

Switching the display of the multi-information display (vehicles with 12.3-inch display)

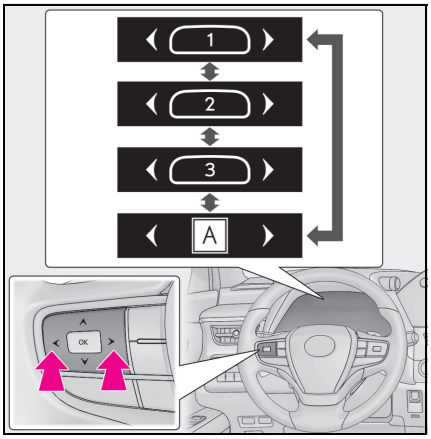
■ Changing the meter display type setting

The meter display type setting can be changed on the screen of the Center display. (→P.497)

■ Changing the screen

Select items from the combination of 3 screens to display on each 3 content display areas.

Press ＜ or ＞ of the meter control switches to change the screen.



A Warning message

Select to display a warning message.

If there is no warning messages, this page will not be displayed. (→P.123)

■ Changing the display contents

Switches items displayed on each contents display area (left/center/right).

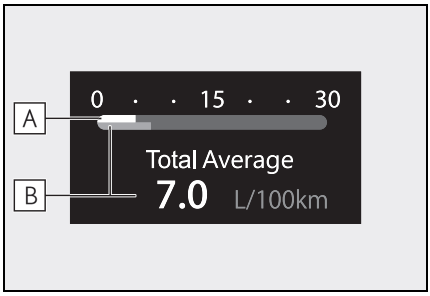
1 Press ＜ or ＞ to select the screen.

2 Press and hold OK to display the cursor on the content display area (center).

3 Press ＜ or ＞ to move the cursor and select the content display area.

4 Press ∧ or ∨ to select the items.

Fuel Economy (vehicles with 12.3-inch display)



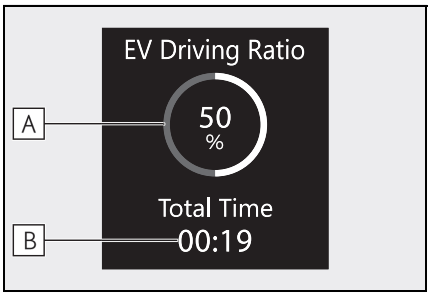
A Current fuel economy after reset

Displays the driving range with remaining fuel.

B Average fuel economy after reset*

*: Use the displayed fuel consumption as a reference only.

EV Ratio/EV Driving Ratio (vehicles with 12.3-inch display)



A EV driving ratio after starting

Displays the percentage of EV driving since the hybrid system was started.*

B Elapsed time after starting

Displays the elapsed time since hybrid system was started.*

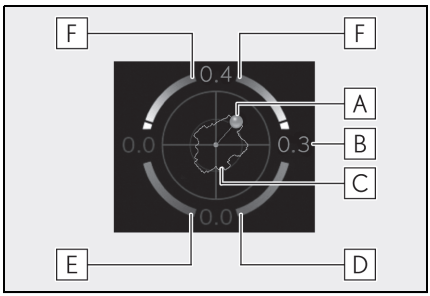
*: It is reset each time the hybrid system stops.

G-force

Displays lateral G-forces on the vehicle on the multi-information display.

Displays around the periphery of the G-force display, the left and right steering amount, accelerator pedal input, and brake fluid pressure.

▶ Vehicles with 7-inch display



A Acceleration G-force on the vehicle

B Current G-force value (analyzed value of front/rear and left/right G-forces)

C Record of the maximum G-forces

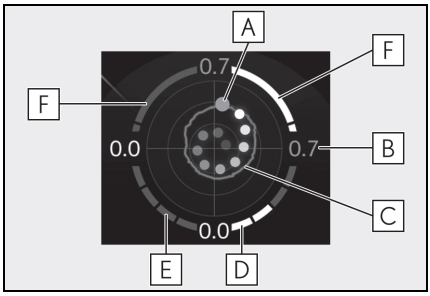
D Accelerator pedal input

E Brake fluid pressure

F Steering amount

This display is intended for use as a guideline. Depending on factors such as the road surface condition, temperature and vehicle speed, the display may not show the actual condition of the vehicle.

▶ Vehicles with 12.3-inch display



A Acceleration G-force on the vehicle

B Current G-force value (analyzed value of front/rear and left/right G-forces)

C Record of the maximum G-forces

D Accelerator pedal input

E Brake fluid pressure

F Steering amount

This display is intended for use as a guideline. Depending on factors such as the road surface condition, temperature and vehicle speed, the display may not show the actual condition of the vehicle.

- Resetting the record of maximum G-forces

The display is reset each time the hybrid system is started.

- Peak hold function

If lateral G-forces of 0.5 G or greater are generated, the G-force value display will turn amber and be held for 2 seconds.

■ G-force display

- The G-force values may not be zero even when the vehicle is parked, such as when it is parked on an incline.
- Depending on the vehicle usage conditions, the brake fluid pressure display may not reach its maximum reading even though the brake pedal is fully depressed.
- If a 12-volt battery terminal is disconnected and reconnected, the steering amount display may be disabled temporarily. After driving the vehicle for a while, the display will be enabled.

Driving support system information display

The operating state of the following systems can be displayed on the multi-information display or head-up display (if equipped).

- LTA (Lane Tracing Assist) (→P.246)
- LDA (Lane Departure Alert) (→P.246)
- PDA (Proactive Driving Assist) (if equipped) (→P.246)
- Dynamic radar cruise control (→P.246)
- Cruise control (→P.246)

Map display (if equipped)

Displays the map data according to the navigation system.

Navigation system-linked display

The following information is displayed on the multi-information display.

- Route guidance to destination
- Street name
- Compass

Audio system-linked display

The operating conditions of the audio system can be displayed on the multi-information display.

Driving information display

The following items can be displayed on the multi-information display.

Use the displayed information as a reference only.

▶ Vehicles with 7-inch display

● Drive information 1

• Current fuel consumption

Displays instantaneous current fuel consumption

• Average fuel consumption

● Drive information 2

• Average vehicle speed

• Total driving time

● Drive information 3

• Distance to empty

Displays the driving range with remaining fuel.

• Average fuel economy since starting

Displays the average fuel consumption since starting.

▶ Vehicles with 12.3-inch display

● "Average Speed": Displays the average vehicle speed since display was reset

● "Total Time": Displays elapsed time since display was reset

■ **Distance to empty**

● This distance is computed based on your average fuel consumption. As a result, the actual distance that can be driven may differ from that displayed.

● When only a small amount of fuel is added to the tank, the display may not be updated. When refueling, turn the power switch off. If the vehicle is refueled without turning the power switch off, the display may not be updated.

AWD operation status display (AWD models)

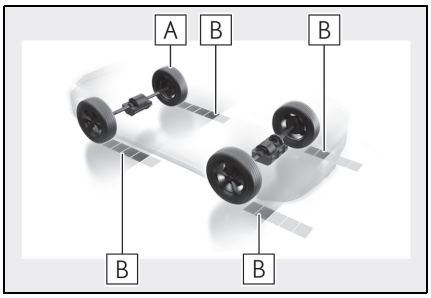
AWD operation status display can be displayed on the Center display.

■ **Displaying AWD operation status display on the Center display**

1 Select on the main menu.

2 Select "All wheel drive".

■ **AWD operation status**



A Front tire direction display

Displays the operation amount and direction of the steering wheel via changes to the front tires on the display.

B Torque distribution display

Displays the drive status of each wheel in 6 steps from 0 to 5.

The illustration used is intended as an example, and may differ from the image that is actually displayed on the Center Display.

Tire pressure

The tire pressure detected by the tire pressure warning system can be displayed on the Center display.

■ **Displaying the tire pressure on the Center display**

1 Select on the main menu.

2 Select "Tyre pressure".

■ **Tire inflation pressure**

→P.400

Energy monitor

The energy monitor can be used to check the vehicle drive status, hybrid system operation status and energy regeneration status on the Center display.

■ **Displaying Energy monitor screen on the Center display**

Touch on the main menu, then touch "Energy flow" on the sub menu.

For detail regarding the Center display refer to "MULTIMEDIA OWNER'S MANUAL".

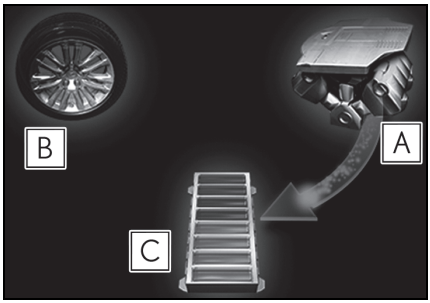
■ **Reading the display**

The arrows will appear in accordance with the energy flow. When there is no energy flow, arrows will not be displayed.

▶ Multi-information display (vehicles with 7-inch display)

The color of the arrows will change as follows

- Blue: When the hybrid battery (traction battery) is regenerated or charged.
- Orange: When the hybrid battery (traction battery) is in use.
- Red: When the gasoline engine is in use.



A Gasoline engine

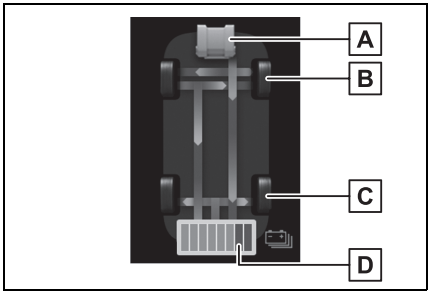
B Tires

C Hybrid battery (traction battery)

▶ Multi-information display (vehicles with 12.3inch display)

The color of the arrows will change as follows

- Blue: When the hybrid battery (traction battery) is regenerated or charged.
- Orange: When the hybrid battery (traction battery) is in use.
- Red: When the gasoline engine is in use.



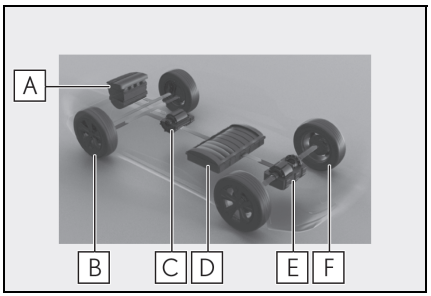
A Gasoline engine

B Front tires

C Rear tires

D Hybrid battery (traction battery)

▶ Center display



The image shows all the arrows as an example. The actual display will vary depending on conditions.

A Gasoline engine

B Front tires

C Front electric motor (traction motor)

D Hybrid battery (traction battery)

E Rear electric motor (traction motor) (if equipped)

F Rear tires

The color of the arrows will change as follows

Blue: When the hybrid battery (traction battery) is regenerated or charged.

Orange: When the hybrid battery (traction battery) is in use.

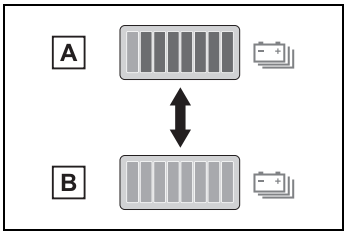
Red: When the gasoline engine is in use.

■ **Hybrid battery (traction battery) status**

The display changes in 8 levels according to the remaining charge amount of the hybrid battery (traction battery).

● The figure shows the multi-information display as an example for explanation.

● These images are examples only, and may vary slightly from actual conditions.



A Low

B High

■ **Remaining charge amount warning of hybrid battery (traction battery)**

When a warning message is shown on the multi-information display and the buzzer sounds, follow the instructions displayed on the screen to perform troubleshooting.

Blank (No items)

Displays no drive information contents on the multi-information display.

Current fuel consumption/history screen

Fuel consumption information can be displayed on the Center display.

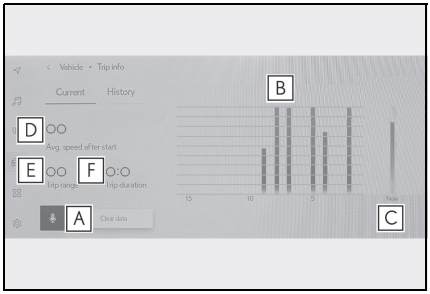
■ **Displaying fuel consumption/history screen on the Center display**

1 Select on the main menu.

2 Select “Trip info”.

3 Select “Current” or “History”.

■ Current fuel consumption screen



A Resetting the history data

B Fuel consumption in the past 15 minutes

C Current fuel consumption

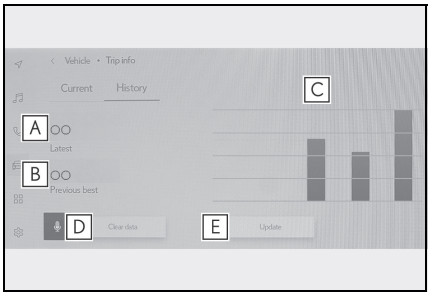
D Average vehicle speed since the hybrid system was started.

E Trip range

F Elapsed time since the hybrid system was started.

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

■ History fuel consumption screen



A Latest fuel consumption

B Best recorded fuel consumption

C Previous fuel consumption record

D Resetting the history data

E Updating the latest fuel consumption data

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

■ Updating the history data

Update the latest fuel consumption by selecting "Update" to measure the current fuel consumption again.

■ Resetting the data

The fuel consumption data can be deleted by selecting "Clear data".

■ Trip range

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

This distance is computed based on your average fuel consumption.
As a result, the actual distance that can be driven may differ from that displayed.

Pop-up display information

Pop-up displays will be displayed on the multi-information display or the head-up display (if equipped) when necessary.

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.

■ Driving support systems

Displays a warning/suggestion/advice message or the operating state of a relevant system.

- Dynamic radar cruise control

- Cruise control
- LTA (Lane Tracing Assist)
- LDA (Lane Departure Alert)
- PDA (Proactive Driving Assist) (if equipped)
- PCS (Pre-Collision System)
- RSA (Road Sign Assist) (if equipped)
- Safe Exit Assist (if equipped)
- Emergency Driving Stop System (if equipped)

■ **Warning message**

Some warning messages are displayed when necessary, according to certain conditions.

Warning messages are cleared by pressing and holding switch function change switch. (→P.115)

■ **Hands-free system status**

Displayed when the hands-free system is operated.

■ **Suggestion function**

Displays suggestions to the driver in the following situations. To select a response to a displayed suggestion, use the steering switches.

- Suggestion to turn off the headlights

If the headlights are left on for a certain amount of time after the power switch has been turned off, a suggestion message will 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".

- Suggestion to close the power windows (Driving at high speeds)

If the vehicle speed exceeds a certain speed 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".

■ **Steering wheel switch operation display**

Displayed when an audio remote control switch or a talk switch on the steering wheel is operated.

■ **Navigation system-linked information**

Depending on the situation, navigation system-linked route guidance to destination may be displayed.

Items displayed when the power switch is turned off

The following items will be displayed on the multi-information display when the power switch is turned off.

- Distance driven since starting*
- Driving time since starting*
- EV driving ratio since starting*
- Average fuel consumption since starting*

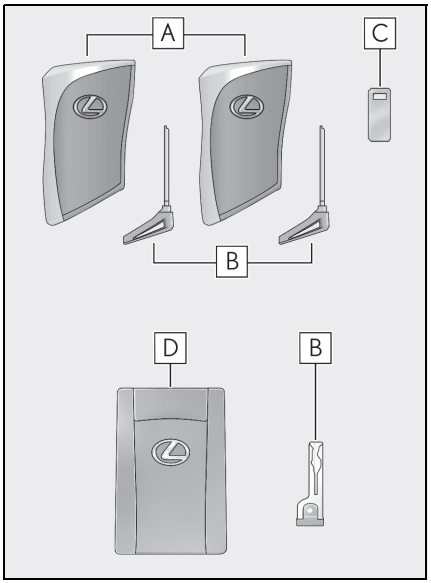
*: It is reset each time the hybrid system stops.

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Keys

Key types

The following keys are provided with the vehicle.



A Electronic keys

- Operating the smart entry & start system (→P.151)
- Operating the wireless remote control function (→P.128)

B Mechanical keys

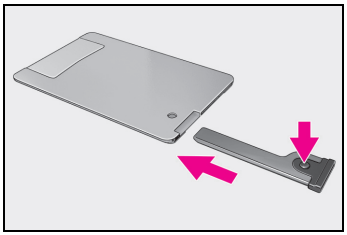
C Key number plate

D Card key (electronic key) (if equipped)

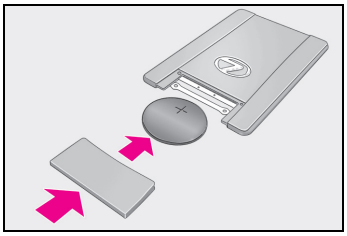
Operating the smart entry & start system (→P.151)

Card key (if equipped)

- The card key is not waterproof.
- 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 it is difficult to take out the mechanical key, push down the lock 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 lock release button.



- 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.



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 and a message will be displayed on the multi-information display when the hybrid 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.153)
- 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.
  - 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.417). However, as there is a danger that the electronic key may be damaged, it is recommended that replacement is 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
- If the electronic key is near the vehicle for longer than necessary, even if the smart entry & start system is not operated, the key battery may become depleted faster than normal. When not operating the smart entry & start system, it is recommended to not stay with the electronic key near the vehicle longer than necessary.

If a message regarding the state of the electronic key or power switch mode, etc. is shown

To prevent trapping the electronic key inside the vehicle, leaving the vehicle carrying the electronic key on your person without turning the power switch to OFF or other passengers from unintentionally taking the key out of the vehicle, etc., a message that prompts the user to confirm the state of the electronic key or power switch mode may be shown on the multi-information display. In those cases, follow the instructions on the display immediately.

If "Key Battery Low Replace Key Battery" is displayed on the multi-information display

The electronic key has a low battery. Replace the electronic key battery. (→P.417)

Replacing the battery

→P.417

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 displayed 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.
- Do not place the keys near medical electrical equipment such as low-frequency therapy equipment or microwave therapy equipment, and do not receive medical attention with the keys on your person.

■ 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.473

■ When an electronic key is lost

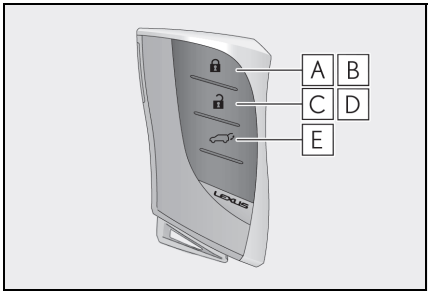
→P.472

■ Handling the card key (if equipped)

- Do not apply excess force when inserting the mechanical key into the card key. Doing so may damage 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.132)

B Closes the windows and moon roof*1, 2 (→P.132)

C Unlocks all the doors (→P.132)

D Opens the windows and moon roof*1, 2 (→P.132)

E Opens and closes the power back door*1 (→P.140)

*1: If equipped

*2: These settings must be customized at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

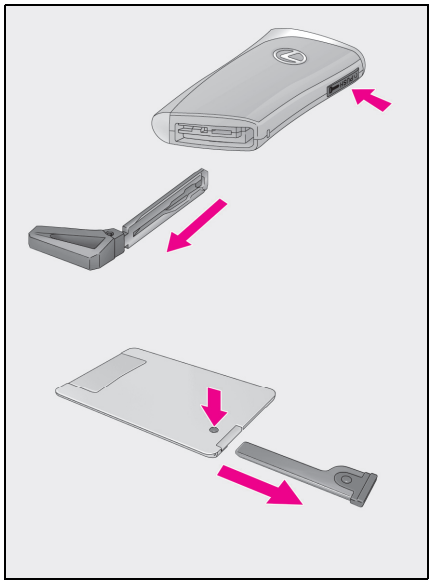
Using the mechanical key

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.473)



When required to leave the vehicle's key with a parking attendant

Lock the glove box as circumstances demand. (→P.356)
Remove the mechanical key for your own use and provide the attendant with the electronic key only.

If you lose your mechanical keys

→P.472

If a wrong key is used

The key cylinder rotates freely to isolate inside mechanism.

Digital Key*

*: If equipped

A smartphone can be used instead of the electronic key of the vehicle by installing the dedicated Lexus mobile App on a smartphone. Also, Digital Key can be shared with your family or friends using the Lexus mobile App.

Please consult your local authorized Lexus retailer or Lexus website for more information.

■ Free/open source software information

This product contains Free/open source software (FOSS). License information and/or the source code of this FOSS can be obtained at the following URL:

https://www.denso.com/global/en/opensource/dkey/toyota/

Digital key usage conditions

In order to use the Digital Key, you need to*:

- Install the Lexus mobile App.
- Register the vehicle to the customer's Lexus mobile App profile.
- Accept Connected Services Terms of Use.
- Accept Digital Key Terms of Use.
- Follow the Digital Key enrollment process.

*: Additional payment might be required to activate Digital Key services, please consult your local authorized Lexus retailer or Lexus website for more information.

Digital key precautions

- A Digital Key can be used when the smartphone and server can communicate. The Digital Key may become unusable if the smartphone is not connected to the Internet. Be sure to carry the electronic key of the vehicle if staying in locations with unreliable communications conditions for long periods of time.
- If the smartphone battery is depleted, the smartphone cannot be used as Digital Key. If the battery level is low, be sure to charge the smartphone prior to going out.
- The Digital Key system is related to the smart entry & start system. If the smart entry & start system has been deactivated in the vehicle customization setting, the Digital Key will also be disabled.
- The Digital Key cannot be used to lock or unlock the doors by touching or gripping a door handle. (Doors can be locked or unlocked using the Lexus mobile App when the Digital Key is enabled.)
- Depending on the radio wave environment, the Digital Key may not be able to be used. (→P.153)
- When transferring vehicle ownership, make sure to delete the Digital Keys.
- If the vehicle is not operated for 14

days or more, the Digital Key will not connect automatically. Therefore, it may take some time before the system operates after a door handle is touched.

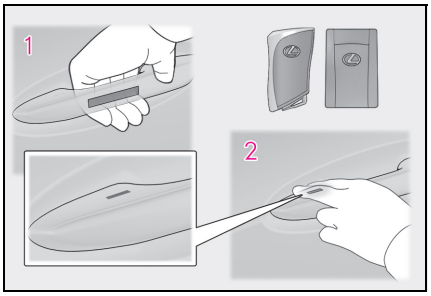
- A part of the services may be stopped for a certain period of time due to server maintenance. However, registered Digital Keys can be used during the maintenance.
- A smartphone with Lexus mobile App and Digital Key enabled will be able to lock and unlock the doors, start the hybrid system and perform any other operations as same as the electronic key of the vehicle. Be especially careful not to lose the smartphone or allow it to be stolen. If the smartphone is lost or stolen, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.
- When taking your vehicle to contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for an inspection or repairs, make sure to bring an electronic key.
- With the digital key alone, no vehicle lights will illuminate when approached to the vehicle. Also, with the digital key alone, some functions, such as the power back door's close & lock (walk-away) function, etc., cannot be used.

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.*

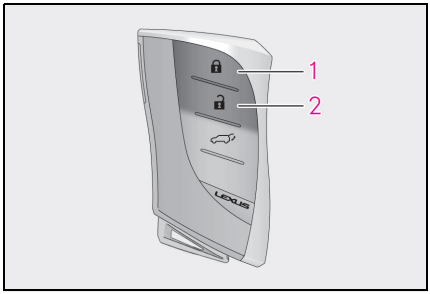
Make sure to touch the sensor on the back of the handle.
The doors cannot be unlocked for 3 seconds after the doors are locked.

*: 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

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.85)
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	Holding the front passenger door handle unlocks all the doors.
 Exterior: Beeps twice	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.84)

■ Locking the front doors from the outside without a key

1 Push down the inside lock button. (→P.135)
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)

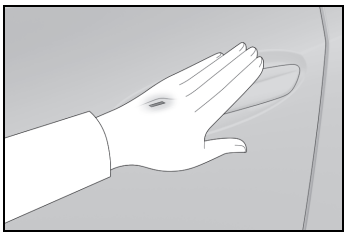
A buzzer sounds to indicate that the windows are operating.

■ 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.84)

■ **Conditions affecting the operation of the smart entry & start system or wireless remote control**

→P.153

■ **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.473)
- Replace the key battery with a new one if it is depleted. (→P.417)

■ **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.473)

■ **Rear seat reminder function**

- In order to remind you not to forget luggage, etc. on the rear seat, when the power switch is turned off after any of the following conditions is met, a buzzer will sound and a message will be displayed on the multi-information display for approximately 6 seconds.
  - The hybrid system is started within 10 minutes after opening and closing a rear door.
  - A rear door has been opened and closed after the hybrid system was started.

However, if a rear door is opened and then closed within approximately 2 seconds, the rear seat reminder function may not operate.

- The rear seat reminder function determines that luggage, etc. has been placed on a rear seat based on opening and closing of a rear door. Therefore, depending on the situation, the rear seat reminder function may not operate and you may still forget luggage, etc. on the rear seat, or it may operate unnecessarily.
- The rear seat reminder function can be enabled/disabled. (→P.508)

■ **Customization**

Settings (e.g. unlocking function using a key) can be changed. (Customizable features:→P.499)

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**

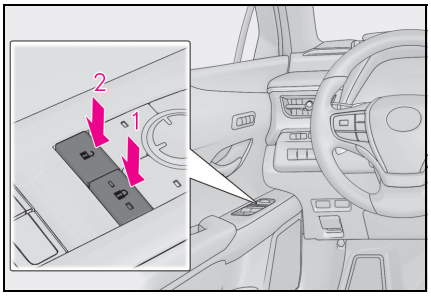
Check the surroundings of the vehicle such as whether the vehicle is on an incline, whether there is enough space for a door to open and whether a strong wind is blowing. When opening or closing the door, hold the door handle tightly to prepare for any unpredictable movement.

■ **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)

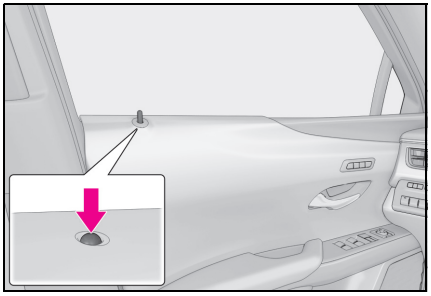


1 Locks all the doors

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

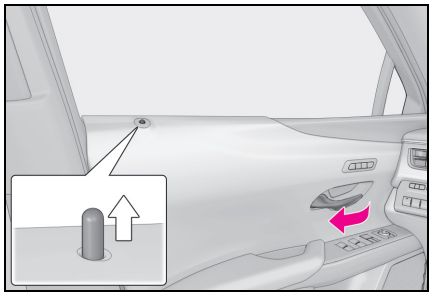
Pull the handle to unlock and open the door.

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.

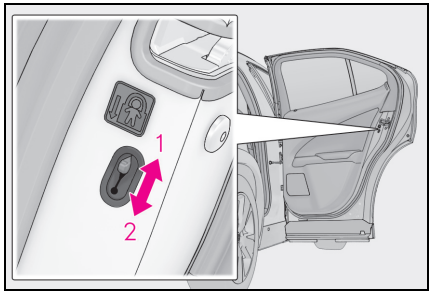


■ If a symbol indicating one or more doors are open is shown on the multi-information display

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.497.

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 shifting the shift position out of P.
Shift position linked door unlocking function	All doors are automatically unlocked when shifting the shift position 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

Observe the following precautions.

Failure to do so may cause parts of the body to be caught, resulting in death or serious injury.

■ 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 and hit nearby objects or luggage in the luggage compartment may be thrown out, 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.
  In addition, exhaust gases may enter the vehicle, causing death or a serious health hazard. Make sure to close the back door before driving.
- 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.

WARNING

■ When children are in the vehicle

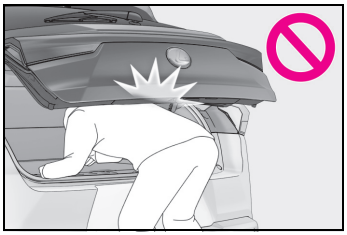
Observe the following precautions. Failure to do so may result in death or serious injury.

- 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.

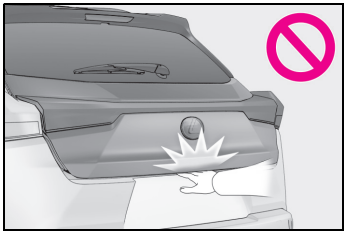
■ Operating the back door

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.

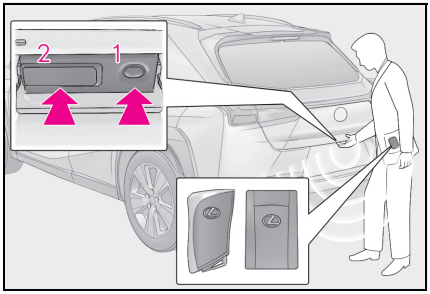
WARNING

- Do not pull on the back door damper stay (vehicles without power back door) (→P.139) or back door spindle (vehicles with power back door) (→P.149) 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.132

Unlocking and locking the back door from the inside

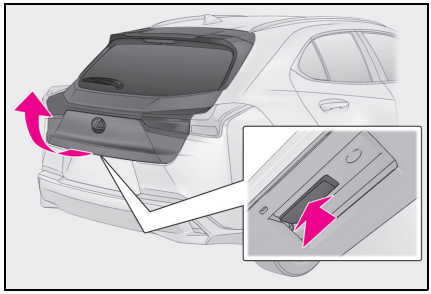
■ Door lock switch

→P.135

Opening/closing the back door (vehicles without power back door)

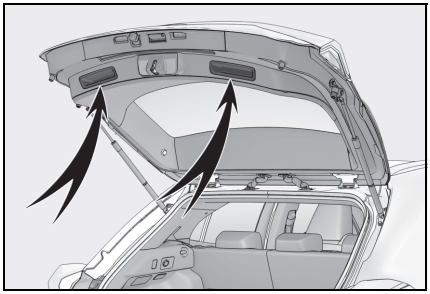
■ Open

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

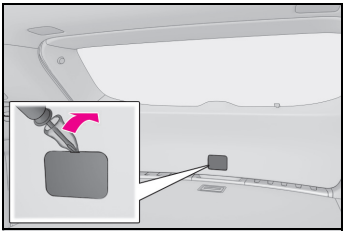
- The luggage compartment light turns on when the back door is opened.
- If the luggage compartment light is left on when the power switch is turned off, the light will go off automatically after 20 minutes.

If the back door opener is inoperative

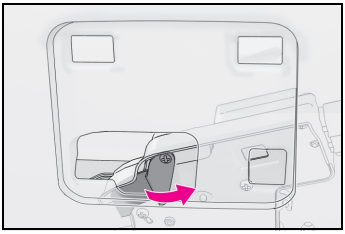
The back door can be unlocked from the inside.

1 Remove the cover.

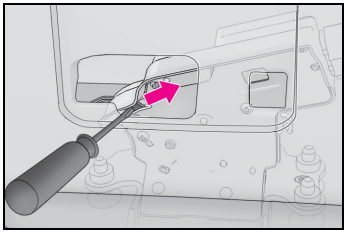
To protect the cover, place a rag between the flathead screwdriver and the cover as shown in the illustration.



2 Loose the screw and move the cover.



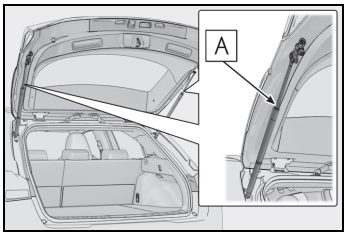
3 Move the lever.



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.



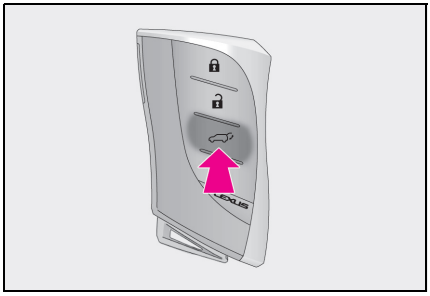
- Do not attach any foreign objects, such as stickers, plastic sheets, or adhesives to the damper stay rod.
- Do not touch the damper stay rod with gloves or other fabric items.
- Do not attach any accessories other than genuine Lexus parts to the back door.
- Do not place your hand on the damper stay 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.

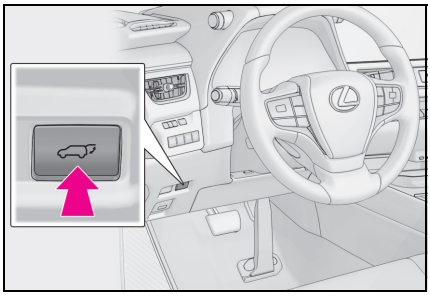
If the back door is locked, unlock it before operating the power back door.



■ 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.

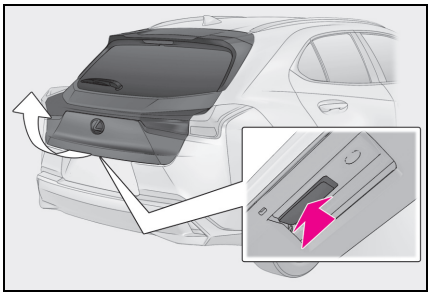


■ Opening/closing the back door from the outside

- 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.



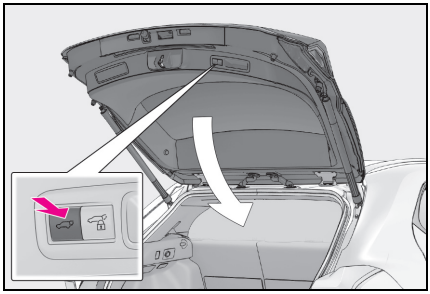
- Close

Press the switch on the lower part of the back door.

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.

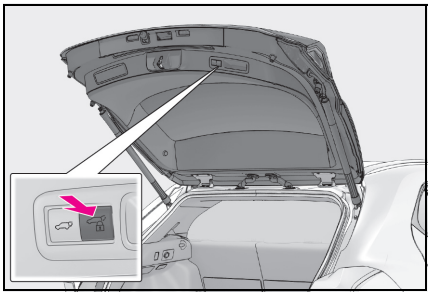


- Close the back door and lock all doors after moving away from the back door (close & lock [Walk-

Away] function)

1 Close all of the doors except the back door, carrying an electronic key and press the switch on the lower part of the back door.

A different buzzer than the normal one will sound and the close & lock (Walk-Away) function will go into standby.



2 While the buzzer is sounding, move away from the back door.

When the sensor detects that you are away from the back door, the buzzer will sound and the emergency flashers (if equipped) will flash. Depending on the direction of moving away from the back door, the location and how to hold the electronic key or circumstances, it may not be detected properly.

All the doors other than the back door will be locked, and after the back door is closed, the back door will also be locked. When all the doors have been closed and locked, the buzzer (if equipped) will sound and the emergency flashers will flash. (→P.133)

The standby state is canceled if you do not move away from the back door for 30 seconds. To operate the function again, perform the procedure again from the beginning.

If you approach the back door carrying the electronic key, the back door operation will stop, all the doors will be unlocked, and the buzzer (if equipped) will sound and the emergency flashers will flash. (→P.133)

If the switch is pressed after the back door operation has stopped, the close & lock (Walk-Away) function will go into standby again.

- Close the back door and lock all doors (close & lock function)*

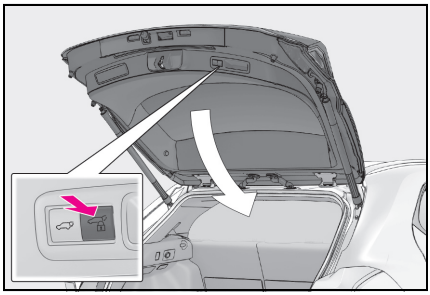
*: These settings must be customized at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Close all of the doors except the back door, carrying an electronic key and press the switch on the lower part of the back door.

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.

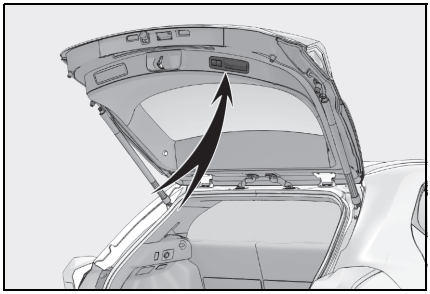
Pressing the switch again will close the power back door automatically.



■ Closing the back door using the back door handle

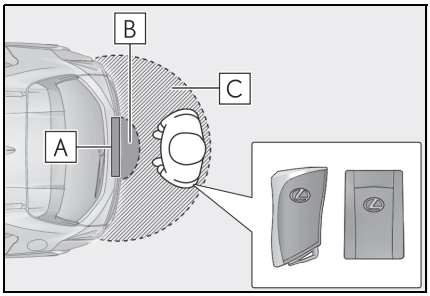
Lower the back door using the back door handle, then a buzzer sounds and

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.



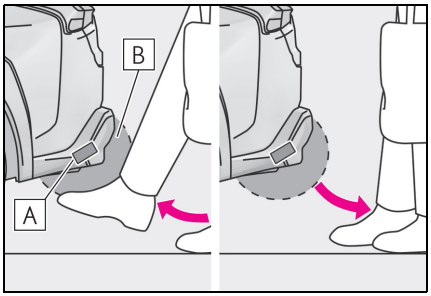
A Kick sensor

B Hands Free Power Back Door operation detection area

C Smart entry & start system operation detection area (→P.152)

2 Perform a kick operation by moving your foot to within approximately 10 cm (3.9 in.) of the rear bumper, and then pulling your foot back after the buzzer sounds.

- Perform the entire kick operation within 1 second.
- The Hands Free Power Back Door will not start operating while a foot is detected under the rear bumper.
- Operate the Hands Free Power Back Door without contacting the rear bumper with your foot.
- If another electronic key is in the cabin or luggage compartment, it may take slightly longer than normal for the operation to occur.
- If the buzzer sounds twice, perform a kick operation again.



A Kick sensor

B Hands Free Power Back Door operation detection area

3 When the kick sensor detects that your foot is pulled back, a buzzer will sound and the 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.

■ Closing and locking the back door after moving away from the back door using the kick sensor (Hands Free close & lock [Walk-Away] function) *1, 2

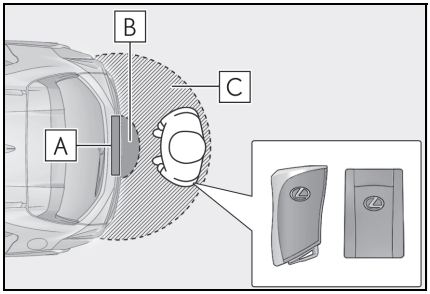
*1: If equipped

*2: These settings must be customized at

any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

The Hands Free Power Back Door enables automatic closing and locking of the power back door by putting your foot near the right lower part of the rear bumper, moving it away from the rear bumper, and moving away from the back door. When operating the Hands Free Power Back Door, make sure that the power switch is in OFF, the kick sensor operation is enabled (→P.150) and you are carrying an electronic key.

1 While carrying an electronic key, stand within the smart entry & start system operation range, approximately 30 to 50 cm (11.8 to 19.7 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.152)

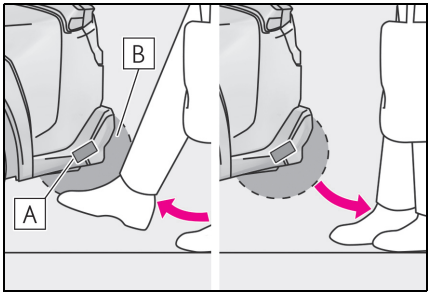
2 Perform a kick operation by moving your foot to within approximately 10 cm (3.9 in.) of the rear bumper and then pulling it back.

Perform the entire kick operation within 1 second.

The 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 different buzzer than the normal one will sound and the Hands Free close & lock (Walk-Away) function will go into standby.

4 While the buzzer is sounding, move away from the back door.

When the sensor detects that you are away from the back door, the buzzer will sound and the emergency flashers (if equipped) will flash. Depending on the direction of moving away from the back door, the location and how to hold the electronic key or circumstances, it may not be detected properly.

All the doors other than the back door will be locked, and after the back door is

closed, the back door will also be locked. When all the doors have been closed and locked, the buzzer (if equipped) will sound and the emergency flashers will flash. (→P.133)

The standby state is canceled if you do not move away from the back door in 30 seconds. To operate the function again, perform the procedure again from the beginning.

If you approach the back door carrying the electronic key, the back door operation will stop, all the doors will be unlocked, and the buzzer (if equipped) will sound and the emergency flashers will flash. (→P.133)

If the power back door is operated after the back door operation has stopped, the Hands Free close & lock (Walk-Away) function will go into standby again.

■ **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.138) or the wireless remote control. (→P.128)

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 (Walk-Away) function operating conditions**

This function can be operated when all of the following conditions are met:

- Close & lock (Walk-Away) function is enabled.
- An electronic key is not detected within the vehicle.
- All of the doors other than the back door are closed.
- The power switch is in OFF.
- The electronic key is within the effective range (detection areas).

■ **Situations in which the close & lock (Walk-Away) function may not operate properly**

In the following situations, the function may not operate properly:

- When the smart entry & start system does not operate properly.
- When the close & lock function does not operate properly.
- When moving away from the back door while the close & lock (Walk-Away) function is in the standby state.

■ **Close & lock function* operating conditions**

This function can be operated when all of the following conditions are met:

- An electronic key is not detected within the vehicle.
- All of the doors other than the power back door are closed.
- The power switch is in OFF.

*: These settings must be customized at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **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.140) is pressed by a hand which is holding an electronic key
- If the switch on the lower part of the power back door (→P.140) 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.140) is pressed with the electronic key not near the vehicle.

*: These settings must be customized at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **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.153)
- When the vehicle is parked near an electrical noise source or a metallic object which affects the sensitivity of the Hands Free Power Back Door, such as a pay parking spot, gas station, electrically heated road, fluorescent light or iron plate
- When the vehicle is near a TV tower, electric power plant, radio station, large display, airport or other facility that gen-

erates 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 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 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.

■ Hands Free close & lock (Walk-Away) function *1 operating conditions

This function can be operated when all of the following conditions are met:

- Hands Free close & lock (Walk-Away) function is enabled *2.
- Hands Free Power Back Door *1 is enabled.
- An electronic key is not detected within the vehicle.
- All of the doors other than the back door are closed.
- The power switch is in OFF.
- The electronic key is within the effective range (detection areas).

*1: If equipped

*2: These settings must be customized at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ Situations in which the Hands Free close & lock (Walk-Away) function *1, 2 may not operate properly

In the following situations, the function may not operate properly:

- When the smart entry & start system does not operate properly.
- When the close & lock function does not operate properly.
- When moving away from the back door while the Hands Free close & lock (Walk-

Away) function is in the standby state.

- When the Hands Free Power Back Door does not operate properly.*1

*1: If equipped

*2: These settings must be customized at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

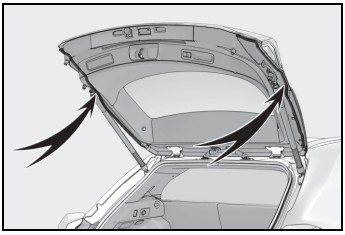
When reconnecting the 12-volt battery

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.

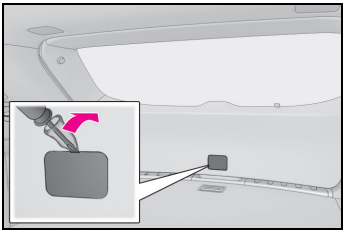


If the back door opener is inoperative

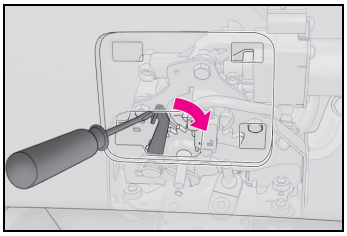
The back door can be unlocked from the inside.

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.



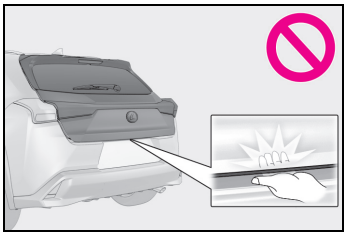
Customization

Some functions can be customized. (Customizable features: →P.499)

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.



- 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.

WARNING

- 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.144) 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 hybrid 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.

■ 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.
- Exhaust gases cause the exhaust pipes to become quite hot. When operating the Hands Free Power Back Door, be careful not to touch the exhaust pipe.
- Do not operate the Hands Free Power Back Door if there is little space under the rear bumper.

WARNING

■ **Close & lock (Walk-Away) function and Hands Free close & lock (Walk-Away) function** *1, 2

*1: If equipped

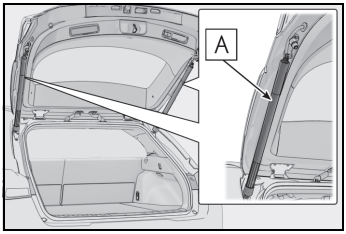
*2: These settings must be customized at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

The back door starts to close automatically when leaving the back door. 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.

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.147) with a knife or other sharp object. If the sensor is disconnected, the power back door will not close automatically.

NOTICE

■ 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.

*: These settings must be customized at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ Hands Free Power Back Door (if equipped) precautions

Observe the following to ensure that the power back door function operates properly:

- 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.

Changing settings of the power back door system (vehicles with power back door)

The settings of the power back door system can be changed on the center display.

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.)

Adjusting the open position of the back door (vehicles with power back door)

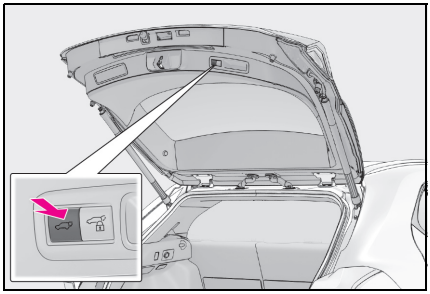
The open position of the power back door can be adjusted.

1 Stop the back door in the desirable position. (→P.140)

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

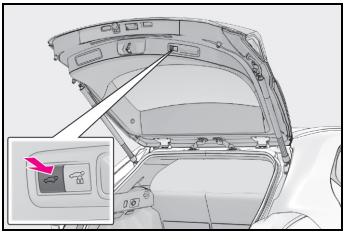
that position.



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.

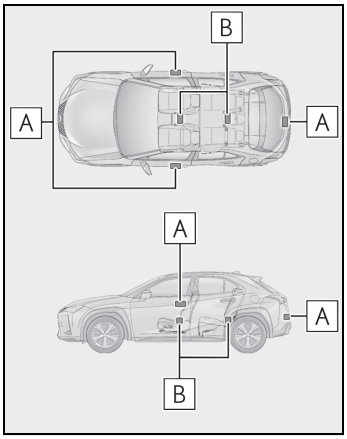


Smart entry & start system

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.132)
- Locks and unlocks the back door (vehicles with entry function) (→P.136)
- Starts the hybrid system (→P.196)

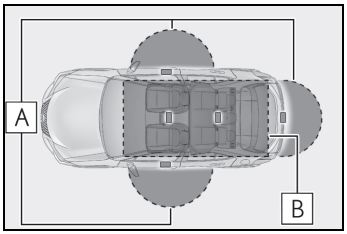
Antenna location



A Antennas outside the cabin (vehicles with entry function)

B Antennas inside the cabin

■ **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 either of the outside front door handles and back door opener switch. (Only the doors detecting the key can be operated.)

B When starting the hybrid 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 message displays shown on the multi-information display are used 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 continuously

Situation	Correction procedure
The power switch was turned to ACC while the driver's door was open (or the driver's door was opened while the power switch was in ACC).	Turn the power switch to OFF and 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. Also the illuminated entry system may not operate properly.
- The electronic key has been left in an area of approximately 3.5 m (11.5 ft.) of the outside of the vehicle for 40 seconds 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.

■ **When electronic key function stops**

If the position of the electronic key has not changed for a certain amount of time such as when the electronic key is left somewhere, the function of the electronic key stops to reduce depletion of the battery. In this case, function can automatically be restored by moving the position of the key such as by lifting it up.

■ **Conditions affecting operation**

The smart entry & start system uses 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.

● 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 the electronic key is in contact with, or is covered by the following metallic 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 key (that emits radio waves) is being used nearby

● When carrying the electronic key together with the following devices that emit radio waves
- Portable radio, cellular phone, cordless phone or other wireless communication devices
- Another 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.

If the doors cannot be locked/unlocked using the smart entry & start system, lock/unlock the doors by performing any of the following:

● Bring the electronic key close to either front door handle and operate the entry function.

● Operate the wireless remote control.

If the doors cannot be locked/unlocked using the above methods, use the mechanical key. (→P.473)

If the hybrid system cannot be started using the smart entry & start system, refer to P.474.

■ **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 compartment or floor, or in the door pockets or glove box when the hybrid system is started or power switch modes are changed.
- A person is between the vehicle and electronic key, blocking radio waves when the door is unlocked

● 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 doors 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 hybrid 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.153)

● If the electronic key is inside the vehicle and a door handle becomes wet during a car wash, a message may be shown on the multi-information display and a buzzer will sound outside the vehicle. 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**

● 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. (→P.497)

● Battery-saving mode can reduce the power consumption of electronic keys. (→P.153)

■ **To operate the system properly**

Make sure to carry the electronic key when operating the system. Do not get the elec-

tronic 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

- Locking and unlocking the doors: Use the mechanical key. (→P.473)
- Starting the hybrid system: →P.474

Customization

Settings (e.g. smart entry & start system) can be changed.

(Customizable features: →P.497)

If the smart entry & start system has been deactivated in 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.128, 473)
- Starting the hybrid system and changing power switch modes: →P.474
- Stopping the hybrid system: →P.198

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.151)
  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.

- User 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.

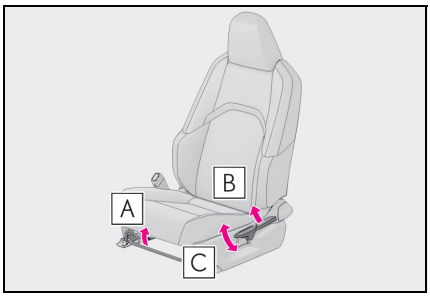
Ask any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for details for disabling the entry function.

Front seats

The seats can be adjusted (longitudinally, vertically, etc.). Adjust the seat to ensure the correct driving posture.

Adjustment procedure

▶ Manual seat

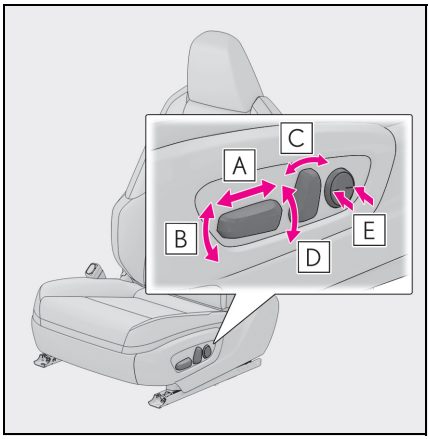


A Seat position adjustment lever

B Seatback angle adjustment lever

C Vertical height adjustment lever

▶ Power seat



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.

■ Power easy access system (vehicles with driving position memory)

The driver's seat and steering wheel move in accordance with power switch mode and the driver's seat belt condition. (→P.173)

■ Jam protection function (vehicles with driving position memory)

While the driving position is recalled or the power easy access system is operating, if an object is stuck behind the front seat, the front seat will stop and then slightly move forward. When the jam protection function operates, the seat stops at a position other than the set seat position. Check the seat position.

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.

WARNING

- 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.
- Manual seat: After adjusting the seat, make sure that the seat is locked in position.

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.210)

2 Adjust the position of the front seat and the angle of the seatback. (→P.156)

Depending on the position of the front seat, if the seatback is folded backward, it may interfere with the operation of the rear seat.

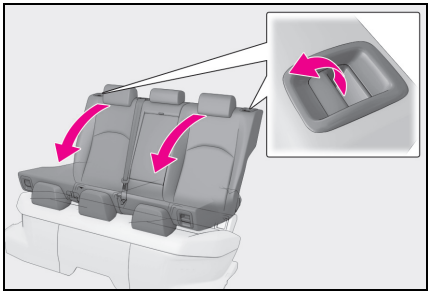
3 Lower the head restraint of the rear seat. (→P.159)

4 Stow the armrest of the rear seat if it is pulled out. (→P.374)

This step is not necessary when operating the left side seat only.

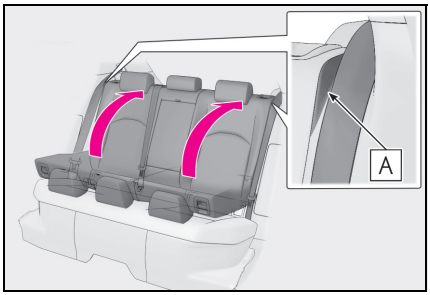
■ Folding down rear seatbacks

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

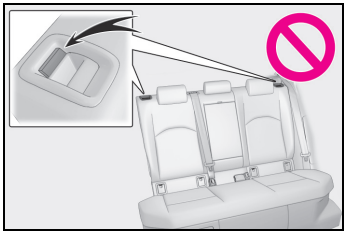
Observe the following precautions. Failure to do so may result in death or serious injury.

- 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.

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

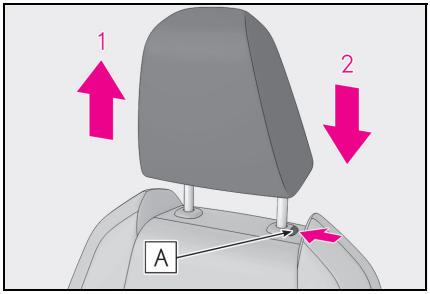
■ Head restraint precautions

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



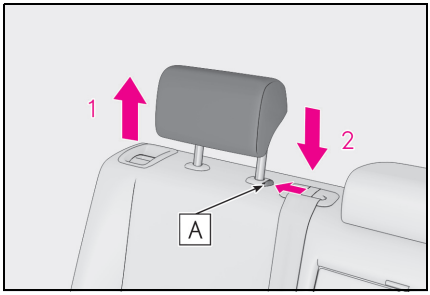
1 Up

Pull the head restraints up.

2 Down

Push the head restraint down while pressing the lock release button **A** .

■ Rear seats



1 Up

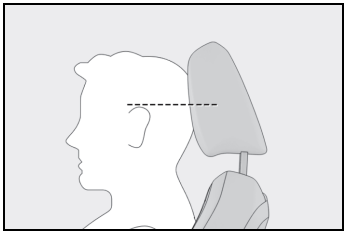
Pull the head restraints up.

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

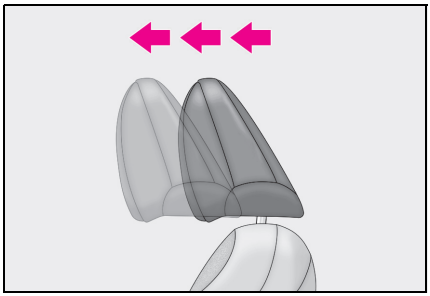
Always raise the head restraint one level from the stowed position when using.

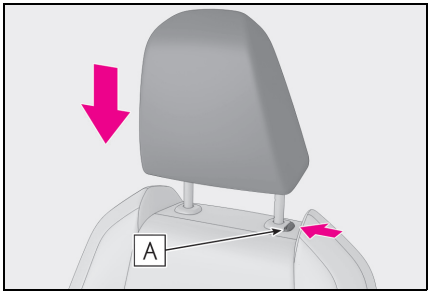
Horizontal adjustment (if equipped)

The position of the head restraint for the front seat can be adjusted forward in 4 stages.

If the head restraint is pulled forward from the foremost position, it will return to the

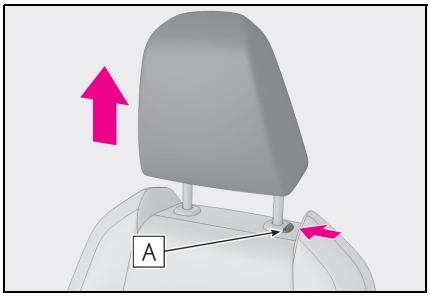
rearmost position.





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.156, 157)



Installing the head restraints

Align the head restraint with the installation holes and push it down to the lock position.

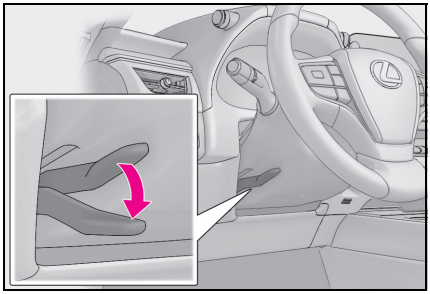
Press and hold the lock release button A when lowering the head restraint.

Steering wheel

Adjustment procedure

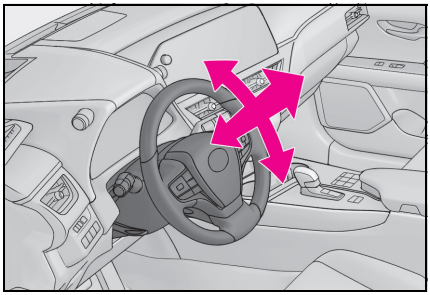
▶ Manual type

1 Hold the steering wheel and push the lever down.



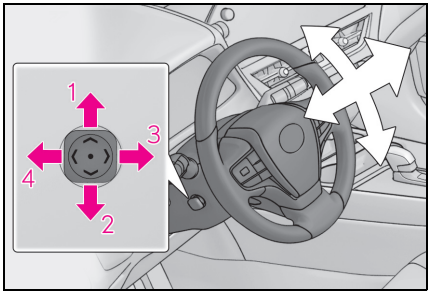
2 Adjust to the ideal position by moving the steering wheel horizontally and vertically.

After adjustment, pull the lever up to secure the steering wheel.



▶ Power type

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 (power type)

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.

■ Automatic adjustment of the steering position (if equipped)

A desired steering position can be entered to memory and recalled automatically by the driving position memory system. (→P.173)

■ Power easy access system

The steering wheel and driver's seat move in accordance with power switch mode and the driver's seat belt condition. (→P.173)

■ After adjusting the steering wheel (manual type)

Make sure that the steering wheel is securely locked.
The horn may not sound if the steering wheel is not securely locked.

■ Customization

The steering wheel movement can be changed. (Customizable features: →P.501)

WARNING

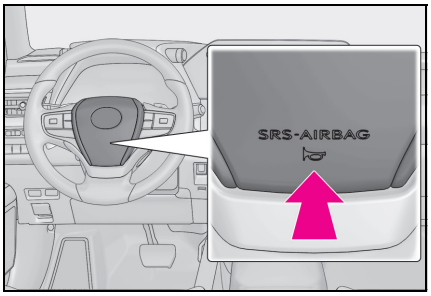
■ **Caution while driving**

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.

■ **After adjusting the steering wheel (manual type)**

Make sure that the steering wheel is securely locked.
Otherwise, the steering wheel may move suddenly, possibly causing an accident, and resulting in death or serious injury.

Sounding the horn



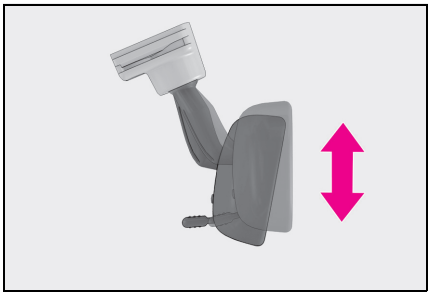
Press on or close to the mark.

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

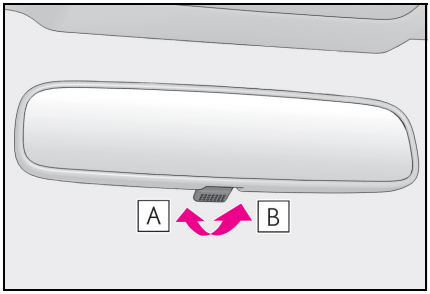
■ **Caution while driving**

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

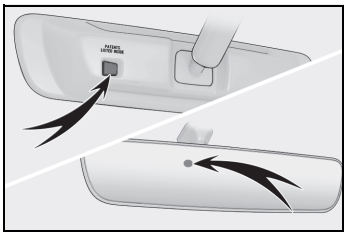
B Anti-glare position

▶ 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.

■ **To prevent sensor error (vehicles with auto anti-glare inside rear view mirror)**

To ensure that the sensors operate properly, 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.

■ **When using the outside rear view mirrors in a cold weather**

When it is cold and the outside rear view mirrors are frozen, it may not be possible to fold/extend them or adjust the mirror surface.

Remove the ice, snow, etc. covering the outside rear view mirrors.

WARNING

■ **Important points while driving**

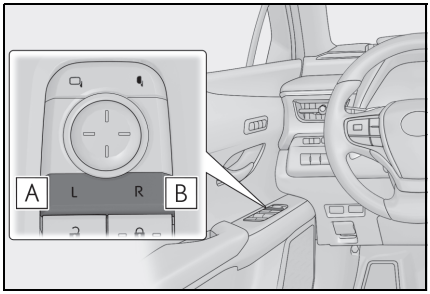
Observe the following precautions while driving.
Failing to do so may result in loss of control of the vehicle and cause an accident, resulting in death or serious injury.

- 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.

▶ Manual retract

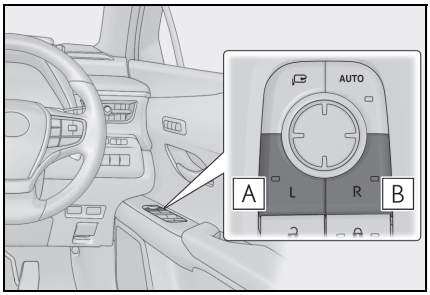


A Left

B Right

▶ Automatic retract

The indicator comes on.



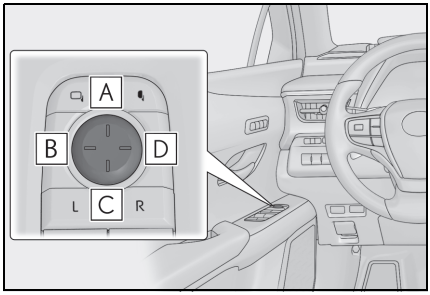
A Left

B Right

Pressing the same switch again will put the switch in neutral.

2 To adjust the mirror, press the switch.

▶ Manual retract



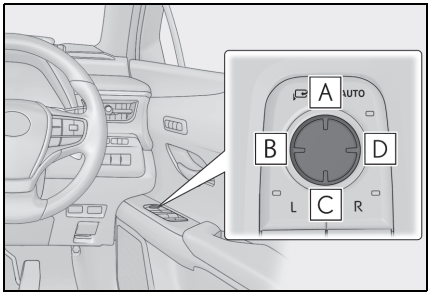
A Up

B Left

C Down

D Right

▶ Automatic retract



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.342)

Auto anti-glare function (if equipped)

When the anti-glare inside rear view mirror is set to automatic mode, the driver's side outside rear view mirror will activate in conjunction with the anti-glare inside rear view mirror to reduce reflected light. (→P.162)

Automatic adjustment of the mirror angle (vehicles with driving position memory)

A desired mirror face angle can be entered to memory and recalled automatically by the driving position memory. (→P.173)

WARNING

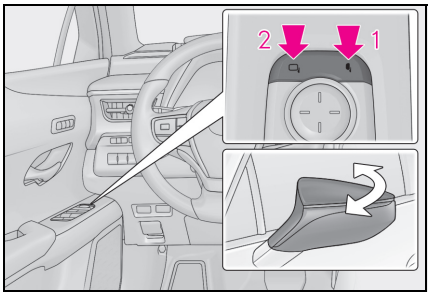
When the mirror defoggers are operating

Do not touch the rear view mirror surfaces, as they can become very hot and burn you.

Folding and extending the mirrors

Using the switch

▶ Manual retract



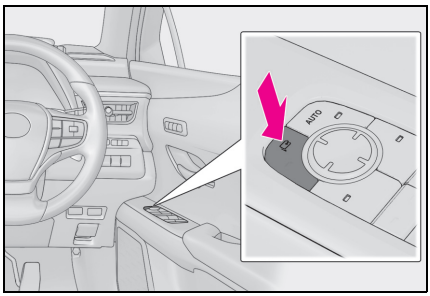
1 Fold

2 Extend

▶ Automatic retract

Press the switch to fold the mirrors.

Press it again to extend them to the original position.



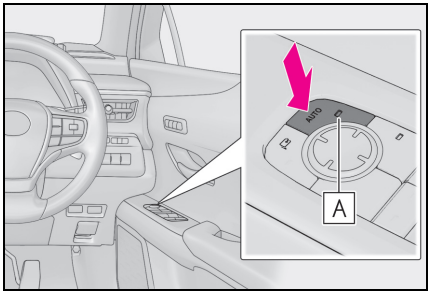
Setting automatic mode

Automatic mode allows the folding or extending of the mirrors to be linked to locking/unlocking of the doors.

Press the "AUTO" switch to set automatic mode.

The indicator [A] will come on.

Pressing the switch again will return to manual mode.



When disconnecting and reconnecting 12-volt battery terminals

The automatic folding/extending mirror function will return to off as default. To turn the function on, press the switch again to select on.

Customization

The automatic mirror folding and extending operation can be changed. (Customizable features:→P.502)

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 lever in R, adjust the mirror angle at a desired position.

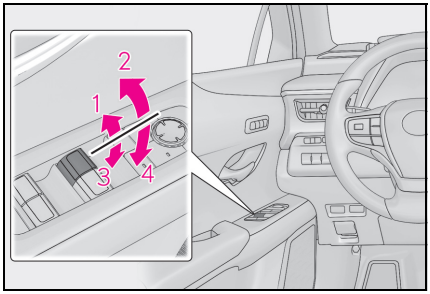
The adjusted angle will be memorized and the mirror will automatically tilt to the memorized angle whenever the shift lever is shifted to R from next time.

The memorized downward tilt position of the mirror is linked to the normal position (angle adjusted with the shift lever 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 hybrid 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.

■ Using the voice control system (if equipped)

The power windows can be opened/closed using the voice control system. (Can be operated only when the window lock switch is off)

For details regarding the voice control system, refer to the "MULTIMEDIA OWNER'S MANUAL".

■ 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.474)
- The power windows can be opened and closed using the wireless remote control.* (→P.132)

*: 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.502)

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.169)
- 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.

WARNING

- 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

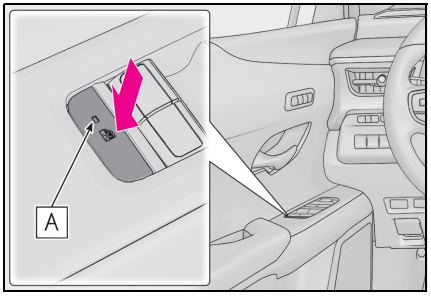
- Never use any part of your body or clothing to intentionally activate the catch protection function.
- The catch protection function may not work if something gets caught just before the window is fully opened. Be careful not to get any part of your body or clothing caught in the window.

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.

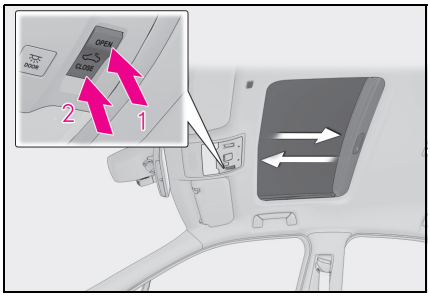
Moon roof*

*: 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



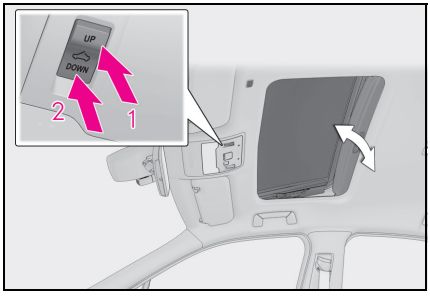
1 Opens the moon roof*

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 hybrid 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.

■ Using the voice control system (if equipped)

The moon roof can be opened/closed using the voice control system.

For details regarding the voice control system, refer to the "MULTIMEDIA OWNER'S MANUAL".

■ 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.474)
- The moon roof can be opened and closed using the wireless remote control.* (→P.132)

*: 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.502)

WARNING

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

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.

WARNING

- 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.

Driving position memory*

*: If equipped

This feature automatically adjusts the positions of the driver's seat, steering wheel, outside rear view mirrors and head-up display (if equipped) to make entering and exiting the vehicle easier or to suit your preferences.

When My Settings is turned on:

Up to 3 different driving positions can be recorded for each the driver and guest that have been registered for My Settings.

When electronic key assignment is registered for My Settings, the driving position for each driver can be recalled (memory recall function).

When My Settings is turned off:

Up to 3 different driving positions can be recorded.

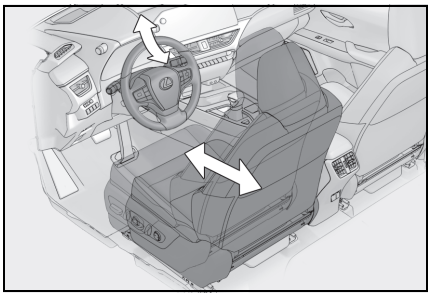
Each electronic key can be registered to recall your preferred driving position (memory recall function).

For details about My Settings, refer to P.177.

Enabling easier driver entry and exit (power easy access system)

When all of the following have been performed, the driver's seat and steering wheel are automatically adjusted to a position that allows the driver to enter and exit the vehicle easily.

- The shift lever has been shifted to P.
- The power switch has been turned off.
- The driver's seat belt has been unfastened.



When any of the following has been performed, the driver's seat and steering wheel automatically return to their original positions.

- The power switch has been turned to ACC or ON.
- The driver's seat belt has been fastened.

Operation of the power easy access system

When exiting the vehicle, the power easy access system may not operate if the seat is already close to the rearmost position, etc.

Jam protection function

While the power easy access system is operating, if an object is stuck behind the front seat, the front seat will stop and then slightly move forward. When the jam protection function operates, the seat stops at a position other than the set seat position. Check the seat position.

Customization

Some functions can be customized. (Cus-

tomizable features:→P.501)

WARNING

■ **While the power easy access system is operating and the steering wheel and seat is moving**

Be careful not to get body parts or luggage caught. Failure to do so may cause an injury or damage to the luggage.

Recording a driving position into memory

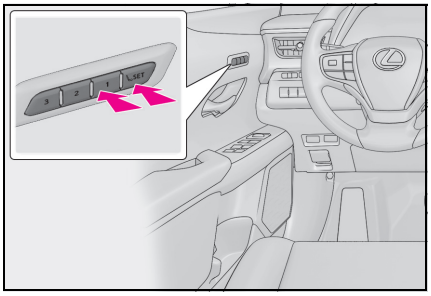
1 Check that the shift position is in P.

2 Turn the power switch to ON.

3 Adjust the driver's seat, steering wheel, outside rear view mirrors and head-up display (if equipped) to the desired positions.

4 While pressing the "SET" button, or within 3 seconds after the "SET" button is pressed, press button "1", "2" or "3" until the buzzer sounds.

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



■ **Seat positions that can be memorized (→P.156)**

The adjusted positions other than the position adjusted by lumbar support switch can be recorded.

■ **In order to correctly use the driving position memory function**

If a seat position is already in the furthest possible position and the seat is operated in the same direction, the recorded position may be slightly different when it is recalled.

WARNING

■ **Seat adjustment caution**

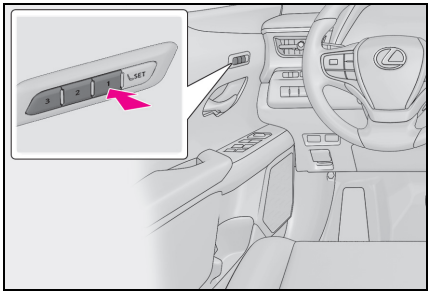
Take care during seat adjustment so that the seat does not strike the rear passenger or squeeze your body against the steering wheel.

Recalling a driving position

1 Check that the shift position is in P.

2 Turn the power switch to ON.

3 Press one of the buttons for the driving position you want to recall until the buzzer sounds.



■ **To stop the position recall operation part-way through**

Perform any of the following:

- Press the "SET" button.
- Press button "1", "2" or "3".
- Operate any of the seat adjustment switches (only cancels seat position recall).
- Operate the tilt and telescopic steering control switch (only cancels steering wheel position recall).

■ **Using the voice control system (If equipped)**

You can use the voice control system to do the following operations.

- Driving position registration
- Recalling the driving position (can be operated only when the shift position is in P)

For details regarding the voice control system, refer to the "MULTIMEDIA OWNER'S MANUAL".

■ **Jam protection function**

While the driving position is recalled or the power easy access system is operating, if an object is stuck behind the front seat, the front seat will stop and then slightly move forward. When the jam protection function operates, the seat stops at a position other than the set seat position. Check the seat position.

■ **Operating the driving position memory after turning the power switch off**

Recorded seat positions can be activated up to 180 seconds after the driver's door is opened and another 60 seconds after it is closed again.

■ **When the recorded seat position cannot be recalled**

The seat position may not be recalled in some situations when the seat position is recorded in a certain range. For details, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **When the recorded seat position cannot be recalled**

The seat position may not be recalled in some situations when the seat position is recorded in a certain range. For details, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Recalling a driving position automatically when getting in the vehicle (memory recall function)

■ **When My Settings is turned on (an individual is identified with an electronic key):**

The driving positions can be automatically recalled for each registered driver by registering electronic key assignments in My Settings.

- Driving position registration procedure

When the shift position is shifted to P after driving the vehicle, the current driving position will be recorded.

- Driving position recall procedure

1 Carry only the key that has been assigned and registered in My Settings, and then unlock and open the driver's door using the smart entry & start system or wireless remote control.

The driving position other than the steering wheel and head-up display (if equipped) will move to the recorded position. However, the seat will move to a position slightly behind the recorded position in order to make entering the vehicle easier.

If the driving position is in a position that has already been recorded, the driving position will not move.

2 Turn the power switch to ACC or ON.

The seat, steering wheel and head-up display (if equipped) (only when the power switch is in ON) will move to the recorded position.

- Memory recall function cancelation procedure

Initialize the driver registered settings in My Settings.

For information on initializing driver registered settings, refer to the "MULTIMEDIA OWNER'S MANUAL".

■ **When My Settings is turned off:**

Each electronic key can be registered to automatically recall your preferred driving position.

● Driving position registration procedure

Record your driving position to button "1", "2" or "3" before performing the following:

Carry only the key you want to register, and then close the driver's door.
If 2 or more keys are in the vehicle, the driving position cannot be recorded properly.

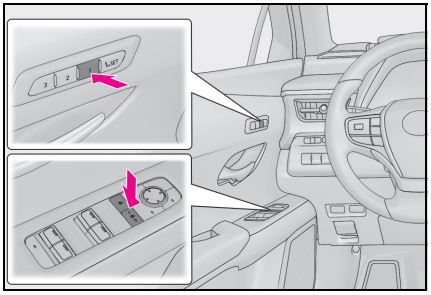
1 Check that the shift position is in P.

2 Turn the power switch to ON.

3 Recall the driving position that you want to record.

4 While pressing the recalled button, press and hold the door lock switch (either lock or unlock) until the buzzer sounds.

If the button could not be registered, the buzzer sounds continuously for approximately 3 seconds.



● Driving position recall procedure

1 Carry the electronic key that has been registered to the driving position, and then unlock and open the driver's door using the smart entry & start system or wireless remote control.

The driving position other than the steering wheel and head-up display (if equipped) will move to the recorded position. However, the seat will move to a position slightly behind the recorded position in order to make entering the vehicle easier.

If the driving position is in a position that has already been recorded, the driving position will not move.

2 Turn the power switch to ACC or ON, or fasten a seat belt.

The seat, steering wheel and head-up display (if equipped) (only when the power switch is in ON) will move to the recorded position.

● Memory recall function cancelation procedure

Carry only the key you want to cancel and then close the driver's door.
If 2 or more keys are in the vehicle, the driving position cannot be canceled properly.

1 Turn the power switch to ON.

2 While pressing the "SET" button, press and hold the door lock switch (either lock or unlock) until the buzzer sounds twice.

If the button could not be canceled, the buzzer sounds continuously for approximately 3 seconds.

■ **Recalling the driving position using the memory recall function**

● Different driving positions can be registered for each electronic key. Therefore,

the driving position that is recalled may be different depending on the key being carried.

- If a door other than the driver's door is unlocked with the smart entry & start system, the driving position cannot be recalled. In this case, press the driving position button which has been set.

■ **Jam protection function**

While the driving position is recalled or the power easy access system is operating, if an object is stuck behind the front seat, the front seat will stop and then slightly move forward. When the jam protection function operates, the seat stops at a position other than the set seat position. Check the seat position.

■ **Customization**

Some functions can be customized. (Customizable features:→P.501)

My Settings

Drivers are identified using devices such as electronic keys to store the driving position and vehicle settings for each. Then the information can be recalled the next time the vehicle is driven.

Authentication devices can be assigned in advance to drivers so that they can drive using their preferred settings.

Settings for 3 drivers can be stored in My Settings.

For details on how to assign/delete electronic keys, set driver names, perform initialization, change drivers manually, or delete a driver, refer to the "MULTIMEDIA OWNER'S MANUAL".

Types of assigned authentication devices

An individual can be identified using the following authentication devices.

- Electronic key

An individual is identified when the smart entry & start system detects their electronic key. (→P.126)

- Digital Key (if equipped)

An individual is identified when the smart entry & start system detects their digital keys.

- Face ID (if equipped)

An individual is identified if their face is

authenticated as a face that has been registered in the driver monitor.

● Bluetooth® devices

An individual can be identified if the same Bluetooth® device that was used as a hands-free phone the last time the vehicle was entered is connected to the multimedia system. If an individual is identified by detecting an electronic key, identification by Bluetooth® device will not be performed.

Bluetooth® is a registered trademark of Bluetooth SIG, Inc.

Recalled functions

When an individual is identified from an authentication device, settings for the following functions are recalled.

● Driving position (memory recall function)

After an individual is identified, the driving position that was set when driving was last completed is recalled when either of the following operations is performed.

- Identification using electronic key: The door is unlocked and opened using the smart entry & start system or wireless remote control.
- Identification using digital key*1: Unlocking the doors using the smart entry & start system.
- Identification using face ID*1: The power switch is turned to ACC or ON after the driver monitor camera authenticates the facial information.

● Meter displays, head-up display*1 and multimedia information*2

When an individual is identified, the display settings used when the power switch was last turned off are recalled.

● Vehicle settings that can be set using the center display*2

When an individual is identified, the vehicle settings used when the power switch was last turned off are recalled.

● Safe driving support function*2

When an individual is identified, the vehicle settings used when the power switch was last turned off are recalled.

*1: If equipped

*2: Some settings are excluded

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Driving the vehicle

The specified procedures should be observed to ensure safe driving:

Driving procedure

■ **Starting the hybrid system**

→P.196

■ **Driving**

1 With the brake pedal depressed, shift the shift position to D.

Check that the shift position indicator shows D.

2 If the parking brake is set, release the parking brake. (→P.210)

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.

If the vehicle is to be stopped for an extended period of time, shift the shift position to P. (→P.204)

■ **Parking the vehicle**

1 Depress the brake pedal to stop the vehicle completely.

2 If the parking brake is released, set the parking brake (→P.210).

3 Shift the shift position to P. (→P.204)

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

4 Press the power switch to stop the hybrid 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 Set the parking brake. (→P.210)

3 Release the brake pedal and gently depress the accelerator pedal to accelerate the vehicle.

4 Release the parking brake. (→P.210)

■ **When starting off on a uphill**

The hill-start assist control will be activated. (→P.324)

■ **For fuel-efficient driving**

Keep in mind that Hybrid Electric Vehicles are similar to conventional vehicles, and it is necessary to refrain from activities such as sudden acceleration. (→P.330)

■ **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 hybrid system output (Brake Override System)**

● When the accelerator and brake pedals are depressed at the same time, the hybrid system output may be restrained.

● A warning message is displayed on the multi-information display while the system is operating.

■ **Breaking in your new Lexus**

To extend the life of the vehicle, observing the following precautions is recommended:

● For the first 300 km (200 miles):
Avoid sudden stops.

● For the first 2000 km (1200 miles):
- Do not drive at extremely high speeds.
- Avoid sudden acceleration.
- Do not drive continuously in low gears.
- Do not drive at a constant speed for extended periods.

▶ Vehicles with towing package

● For the first 800 km (500 miles):
Do not tow a trailer.

■ **Operating your vehicle in a foreign country**

Comply with the relevant vehicle registration laws and confirm the availability of the correct fuel. (→P.495)

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.

● Vehicles without Acoustic Vehicle Alerting System: The driver should pay extra attention to pedestrians when the vehicle is powered only by the electric motor (traction motor). As there is no engine noise, the pedestrians may misjudge the vehicle's movement.
Vehicles with Acoustic Vehicle Alerting System: The driver should pay extra attention to pedestrians when the vehicle is powered only by the electric motor (traction motor). 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

- Do not drive the vehicle over or stop the vehicle near flammable materials. The exhaust system and exhaust gases can be extremely hot. These hot parts may cause a fire if there is any flammable material nearby.
- During normal driving, do not turn off the hybrid system. Turning the hybrid system off while driving will not cause loss of steering or braking control. However, power assist for the steering wheel may be lost making it difficult to steer smoothly before stopping the vehicle depending on the remaining charge in the 12-volt battery or usage conditions. In this situation, 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.426
- Use engine braking (downshift) to maintain a safe speed when driving down a steep hill. Using the brakes continuously may cause the brakes to overheat and lose effectiveness. (→P.202)
- 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.
- AWD models: Do not drive the vehicle off-road.
  This is not an AWD vehicle designed for off-road driving. Proceed with all due caution if it becomes unavoidable to drive off-road.
- Do not drive across a river or through other bodies of water.
  This may cause electric/electronic components to short circuit, damage the hybrid 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, engine braking due to shifting, or changes in engine speed 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 hybrid 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 hybrid transmission and may result in a loss of vehicle control.

WARNING

- Do not shift the shift position to a driving position while the vehicle is moving backward.
  Doing so can damage the hybrid transmission and may result in a loss of vehicle control.

- Changing the shift position to N while the vehicle is moving will disengage the hybrid system. Regenerative braking is not available with the hybrid system disengaged.

- Be careful not to change the shift position with the accelerator pedal depressed.
  Changing 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 Azerbaijan, Ukraine, Georgia and 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.

- Avoid revving or racing the engine.
  Running the engine at high speed while the vehicle is stopped may cause the exhaust system to overheat, which could result in a fire if combustible material is nearby.

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.

WARNING

- 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.
- Always apply the parking brake, shift the shift position to P, stop the hybrid 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.
- Do not touch the exhaust pipes while the "READY" indicator is illuminated or immediately after turning the hybrid system off.
  Doing so may cause burns.

■ When taking a nap in the vehicle

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

■ When braking

- 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.

■ If the vehicle becomes stuck (AWD models)

Do not spin the wheels excessively when any of the tires is up in the air, or the vehicle is stuck in sand, mud, etc. This may damage the driveline components or propel the vehicle forward or backward, causing an accident.

NOTICE

■ When driving the vehicle

- Do not depress the accelerator and brake pedals at the same time during driving, as this may restrain the hybrid 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.

NOTICE

■ 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.450, 462, 469)

■ When encountering flooded roads

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

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

In the event that you drive on a flooded road and the vehicle is flooded, be sure to have any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer check the following:

- Brake function
- Changes in quantity and quality of oil and fluid used for the engine, hybrid transmission, etc.
- Lubricant condition for the bearings and suspension joints (where possible), and the function of all joints, bearings, etc.

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.

Sudden start restraint control (Drive-Start Control [DSC])

When the following unusual operation is performed with the accelerator pedal depressed, the hybrid system output may be restrained.

- When the shift position is shifted to R*.
- When the shift position is shifted from P or R to forward drive shift position such as D*.

When the system operates, a message appears on the multi-information display. Read the message and follow the instruction.

*: Depending on the situation, the shift position may not be changed.

■ Drive-Start Control (DSC)

- When the TRC is turned off (→P.325), sudden start restraint control also does

not operate. If your vehicle has trouble escaping from the mud or fresh snow due to sudden start restraint control operation, deactivate TRC (→P.325) so that the vehicle may become able to escape from the mud or fresh snow.

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.486)
- 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.

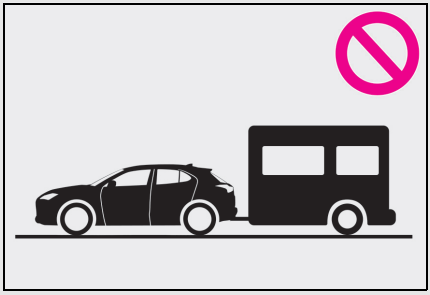
NOTICE

■ When loading cargo (vehicles with moon roof)

Be careful not to scratch the surface of the moon roof.

Trailer towing (vehicles without towing package)

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.



Trailer towing (vehicles with towing package)

Your vehicle is designed primarily as a passenger carrying vehicle. Towing a trailer will have an adverse effect on handling, performance, braking, durability, and fuel consumption. Your safety and satisfaction depend on the proper use of correct equipment and cautious driving habits. For your safety and the safety of others, do not overload the vehicle or trailer.

To tow a trailer safely, use extreme care and drive the vehicle in accordance with the trailer's characteristics and operating conditions. Lexus warranties do not apply to damage or malfunction caused by towing a trailer for commercial purposes.

Ask your local authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for further details before towing, as there are additional legal requirements in some countries.

Weight limits

Check the allowable towing capacity, GVM (Gross Vehicle Mass), MPAC (Maximum Permissible Axle Capacity), and permissible drawbar load before towing. (→P.486)

Towing hitch/bicycle holder bracket

Lexus recommends the use of the genuine Lexus towing devices or bicycle holder brackets if available. Other products of a suitable nature and comparable quality may also be used.

For vehicles where the towing device ball or the bicycle holder attachment ball, when installed, partially obstructs the visibility of any of the rear lamps and/or license plate, the following shall be considered:

- Do not use towing devices that have a tow ball that cannot be easily removed or repositioned.
- Do not use Bicycle holder brackets that have an attachment ball that cannot be easily removed or repositioned.

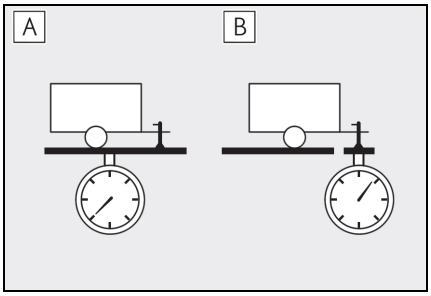
All detachable towing devices balls or Bicycle holder attachment balls should be removed or repositioned when not in use.

Connecting trailer lights

Please consult any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer when installing trailer lights, as incorrect installation may cause damage to the vehicle's lights. Please take care to comply with your state's laws when installing trailer lights.

Important points regarding trailer loads

■ Total trailer weight and permissible drawbar load



A Total trailer weight

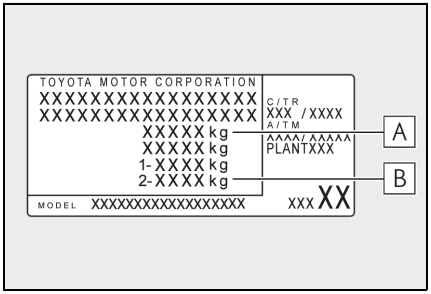
Weight of the trailer itself plus the trailer load should be within the maximum towing capacity. Exceeding this weight is dangerous. (→P.486)

B Permissible drawbar load

Allocate the trailer load so that the drawbar load is greater than 25 kg (55.1 lb.) or 4% of the towing capacity. Do not let the drawbar load exceed the indicated weight. (→P.486)

■ Information tag (manufacturer's label)

▶ Type A



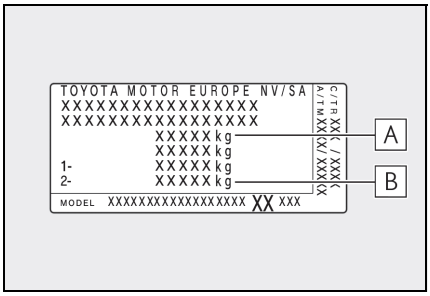
A Gross vehicle mass

The combined weight of the driver, passengers, luggage, towing hitch, total curb mass and drawbar load should not exceed the gross vehicle mass by more than 100 kg (220.5 lb.). Exceeding this weight is dangerous.

B Maximum permissible rear axle capacity

The weight borne by the rear axle should not exceed the maximum permissible axle capacity by 15% or more. Exceeding this weight is dangerous.
The values for towing capacity were derived from testing conducted at sea level. Take note that hybrid system output and towing capacity will be reduced at high altitudes.

▶ Type B



A Gross vehicle mass

The combined weight of the driver, passengers, luggage, towing hitch, total curb mass and drawbar load should not exceed the gross vehicle mass by more than 100 kg (220.5 lb.). Exceeding this weight is dangerous.

B Maximum permissible rear axle capacity

The weight borne by the rear axle should not exceed the maximum permissible axle capacity by 15% or more. Exceeding this weight is dangerous.

The values for towing capacity were derived from testing conducted at sea level. Take note that hybrid system output and towing capacity will be reduced at high altitudes.

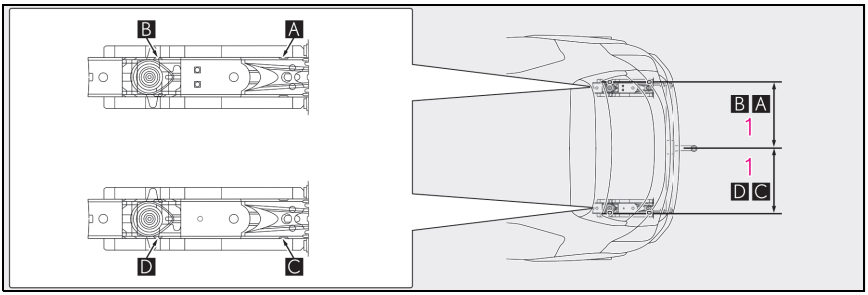
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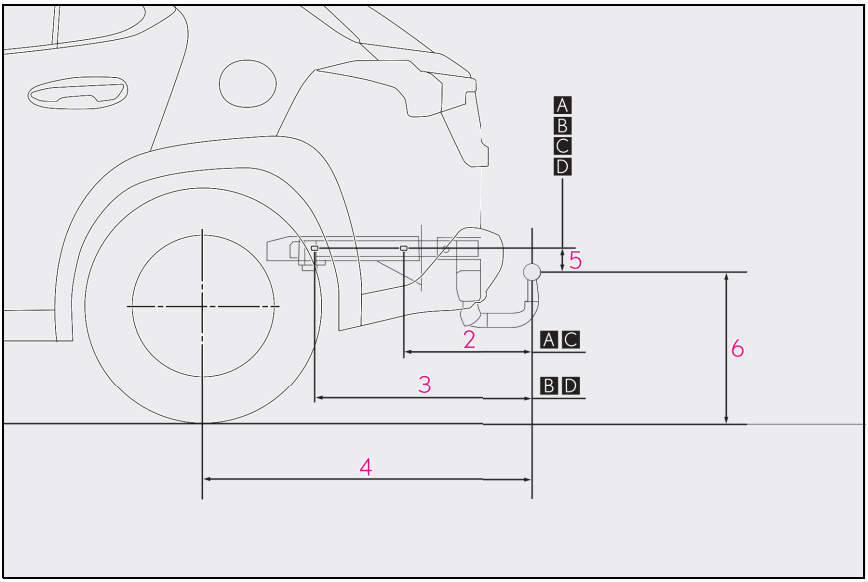
■ When the gross vehicle mass or maximum permissible axle capacity is exceeded

Failing to observe this precaution may lead to an accident causing death or serious injury.

- Add an additional 20.0 kPa (0.2 kgf/cm^2 or bar, 3 psi) to the recommended tire inflation pressure value. (→P.493)
- Do not exceed the established speed limit for towing a trailer in built-up areas or 100 km/h (62 mph), whichever is lower.

Installation positions for the towing hitch/bracket and hitch ball





1 519 mm (20.4 in.)
2 382 mm (15.0 in.)
3 644 mm (25.4 in.)
4 976 mm (38.4 in.)
5 71 mm (2.8 in.)
6 382 mm (15.0 in.)

Tire information

- Increase the tire inflation pressure to 20.0 kPa (0.2 kgf/cm^2 or bar, 3 psi) greater than the recommended value when towing. (→P.493)
- Increase the air pressure of the trailer tires in accordance with the total trailer weight and according to the values recommended by the manufacturer of your trailer.

■ **Trailer lights**

Please consult at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer when installing trailer lights, as incorrect installation may cause damage to the vehicle's lights. Please take care to comply with your state's laws when installing trailer lights.

■ **When towing a trailer**

Disable the following systems, as the systems may not operate properly.

- LTA (Lane Tracing Assist) (→P.257)
- Dynamic radar cruise control (→P.275)
- PKSB (Parking Support Brake) (if equipped) (→P.312)
- BSM (Blind Spot Monitor) (if equipped) (→P.291)
- Lexus parking assist-sensor (if equipped) (→P.302)
- RCTA (Rear Crossing Traffic Alert) function (if equipped) (→P.307)

■ **Break-in schedule**

Lexus recommends that vehicles fitted with new power train components should not be used for towing trailers for the first 800 km (500 miles).

■ **Safety checks before towing**

- Check that the maximum load limit for the towing hitch/bracket and hitch ball is not exceeded. Bear in mind that the coupling weight of the trailer will add to the load exerted on the vehicle. Also make sure that the total load exerted on the vehicle is within the range of the weight limits. (→P.191)
- Ensure that the trailer load is secure.
- Supplementary outside rear view mirrors should be added to the vehicle if the traffic behind cannot be clearly seen with standard mirrors. Adjust the extending arms of these mirrors on both sides of the vehicle so that they always provide maximum visibility of the road behind.

■ **Maintenance**

- Maintenance must be performed more frequently when using the vehicle for towing due to the greater weight burden placed on the vehicle compared to normal driving.
- Retighten all bolts securing the hitching ball and bracket after towing for approximately 1000 km (600 miles).

NOTICE

■ **When the rear bumper strengthening material is aluminum**

Ensure the steel bracket part does not come directly in contact with that area. When steel and aluminum come into contact, there is a reaction similar to corrosion, which will weaken the section concerned and may result in damage. Apply a rust inhibitor to parts that will come in contact when attaching a steel bracket.

Guidance

Your vehicle will handle differently when towing a trailer. In order to avoid accident, death or serious injury, keep the following in mind when towing:

■ **Checking connections between trailer and lights**

Stop the vehicle and check the operation of the connection between the trailer and lights after driving for a brief period as well as before starting off.

■ **Practicing driving with a coupled trailer**

- Get the feel for turning, stopping and reversing with the trailer coupled by practicing in an area with no or light traffic.
- When reversing with a coupled trailer, hold the section of the steer-

ing wheel nearest to you and rotate clockwise to turn the trailer left or counterclockwise to turn it right. Always rotate a little at a time to prevent steering error. Have someone guide you when reversing to lessen the risk of an accident.

■ **Increasing vehicle-to-vehicle distance**

At a speed of 10 km/h (6 mph), the distance to the vehicle running ahead of you should be equivalent to or greater than the combined length of your vehicle and trailer. Avoid sudden braking that may cause skidding. Otherwise, the vehicle may spin out of control. This is especially true when driving on wet or slippery road surfaces.

■ **Sudden acceleration/steering input/cornering**

Executing sharp turns when towing may result in the trailer colliding with your vehicle. Decelerate well in advance when approaching turns and take them slowly and carefully to avoid sudden braking.

■ **Important points regarding turning**

The wheels of the trailer will travel closer to the inside of the curve than the wheels of the vehicle. To make allowance for this, take the turns wider than you would normally do.

■ **Important points regarding stability**

Vehicle movement resulting from uneven road surfaces and strong crosswinds will affect handling. The vehicle may also be rocked by passing buses or large trucks. Frequently check behind when moving alongside such vehicles. As soon as such vehicle movement occurs, immediately start to decelerate smoothly by slowly applying the brakes. Always steer the vehicle straight ahead while braking.

■ **Passing other vehicles**

Consider the total combined length of your vehicle and trailer and ensure that the vehicle-to-vehicle distance is sufficient before executing lane changes.

■ **Hybrid transmission information**

To maintain engine braking efficiency and charging system performance when using engine braking, do not use the hybrid transmission in D. (→P.202)

■ **If the engine overheats**

Towing a loaded trailer up a long, steep incline in temperatures exceeding 30°C (85°F) may result in the engine overheating. If the engine coolant temperature gauge indicates that the engine is overheating, turn the air conditioning off immediately, leave the road and stop the vehicle in a safe place. (→P.480)

■ **When parking the vehicle**

Always place wheel chocks under the wheels of both the vehicle and trailer. Set the parking brake and shift the shift position to P.

WARNING

Follow all the instructions described in this section.
Failure to do so could cause an accident resulting in death or serious injury.

■ Trailer towing precautions

When towing, make sure that none of the weight limits are exceeded. (→P.190)

■ To avoid accident or injury

- Vehicles with compact spare tire:
  Do not tow a trailer when the compact spare tire is installed on your vehicle.
- Vehicles with emergency tire puncture repair kit:
  Do not tow a trailer when the tire installed is repaired with the emergency tire puncture repair kit.
- Do not use dynamic radar cruise control when trailer towing.

■ Vehicle speed in towing

Observe the legal maximum speeds for trailer towing.

■ Before descending hills or long declines

Reduce speed and downshift. However, never downshift suddenly while descending steep or long downhill grades.

■ Operation of the brake pedal

Do not hold the brake pedal depressed often or for long periods of time.
Doing so may result in the brake overheating or reduce braking effects.

Power (ignition) switch

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

Starting the hybrid system

1 Press the parking brake switch to check that the parking brake is set. (→P.210)

Parking brake indicator will come on.

2 Firmly depress the brake pedal.

 and a message will be displayed on the multi-information display.

If it is not displayed, the hybrid system cannot be started.

When the shift position is N, the hybrid system cannot start. Shift the shift position to P when starting the hybrid system. (→P.204)

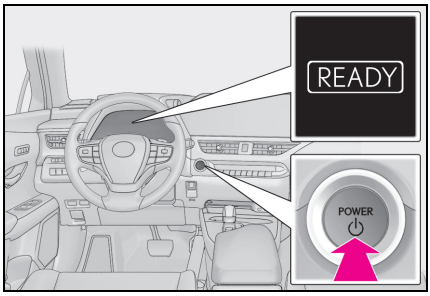
3 Press the power switch shortly and firmly.

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 hybrid system will operate normally.

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

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



4 Check that the "READY" indicator is illuminated.

The vehicle cannot be driven if 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 illuminates dimly.
- When depressing the brake pedal with carrying the electronic key on your person, the power switch illumination illuminates brightly.
- When the power switch is in ACC or ON, the power switch illumination illuminates.

■ If the hybrid system does not start

- The immobilizer system may not have been deactivated. (→P.82)
  Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- If a message related to start-up is shown on the multi-information display, read the message and follow the instructions.
- If the door is unlocked with the mechanical key, the hybrid system cannot be started using the smart entry & start system. Refer to P.474 to start the hybrid system. However, if the electronic key is carried inside the vehicle and the doors are locked (→P.135), the hybrid system

can be started.

■ **When the ambient temperature is low, such as during winter driving conditions**

- When starting the hybrid 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 hybrid battery (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 hybrid system. In this case, try to start the hybrid system again after the temperature of the hybrid battery increases due to the outside temperature increase etc.

■ **Sounds and vibrations specific to a Hybrid Electric Vehicle**

→P.75

■ **If the 12-volt battery is discharged**

The hybrid system cannot be started using the smart entry & start system. Refer to P.475 to restart the hybrid system.

■ **Electronic key battery depletion**

→P.126

■ **Conditions affecting operation**

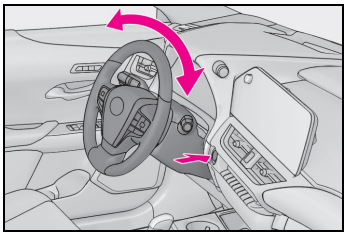
→P.153

■ **Note for the entry function**

→P.154

■ **Steering lock function (if equipped)**

- 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 lever 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 hybrid system is turned on and off repeatedly in a short period of time. In this case, refrain from operating the hybrid system. After about 10 seconds, the steering lock motor will resume functioning.

■ **When "Smart Entry & Start System Malfunction See Owner's Manual" 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.

■ **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 hybrid system is malfunctioning**

→P.81

■ **Electronic key battery**

→P.417

■ **Operation of the power switch**

- If the switch is not pressed shortly and firmly, the power switch mode may not change or the hybrid system may not start.
- If attempting to restart the hybrid system immediately after turning the power switch off, the hybrid system may not start in some cases. After turning the power switch off, please wait a few seconds

before restarting the hybrid system.

■ Customization

If the smart entry & start system has been deactivated in a customized setting, refer to P.473.

WARNING

■ When starting the hybrid system

Always start the hybrid system while sitting in the driver's seat. Do not depress the accelerator pedal while starting the hybrid system under any circumstances. Doing so may cause an accident resulting in death or serious injury.

■ Caution while driving (vehicles with steering lock function)

If hybrid system failure occurs while the vehicle is moving, do not lock or open the doors until the vehicle reaches a safe and complete stop. The steering lock function will activate and this may lead to an accident, resulting in death or serious injury.

NOTICE

■ When starting the hybrid system

If the hybrid 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 hybrid system

1 Stop the vehicle completely.

2 Set the parking brake. (→P.210)

3 Press the P position switch. (→P.204)

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

4 Press the power switch.

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

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

■ 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.

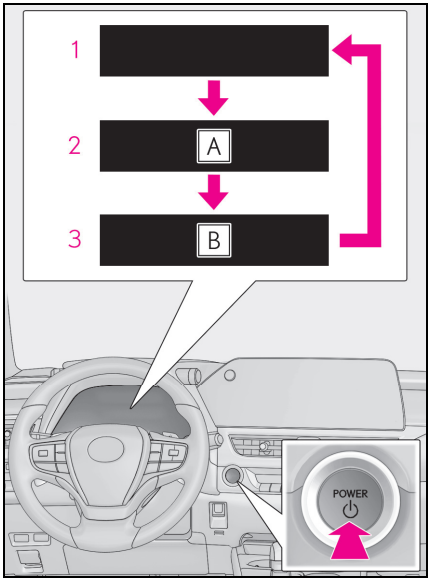
WARNING

■ Stopping the hybrid system in an emergency

- If you want to stop the hybrid 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.426)
  However, do not touch the power switch while driving except in an emergency. Turning the hybrid system off while driving will not cause loss of steering or braking control.
  However, power assist for the steering wheel may be lost making it difficult to steer smoothly before stopping the vehicle depending on the remaining charge in the 12-volt battery or usage conditions. In this situation, 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.
- When restarting the hybrid system after an emergency shutdown, shift the shift lever 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.)



A ACCESSORY

B POWER ON

1 OFF

The emergency flashers can be used.

2 ACC*

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

3 ON

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

*: ACC mode can be enabled/disabled on the customize menu.(→P.507)

■ When ACC customization is in off

With the power switch is turned off, the multimedia system can still be used for a certain time until the battery saving function starts operating.

■ Auto power off function

- If the vehicle is left in ACC or ON (the hybrid system is not operating) for more than 20 minutes with the shift position in P, the power switch will automatically turn to OFF.
- If the 12-volt battery is low with the shift position is in P and the power switch is in ACC or ON (the hybrid system is not operating), a buzzer sounds and a message will be displayed on the multi-information display. If this continues, the power switch is automatically turn to 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 hybrid system is not operating.

NOTICE

■ To prevent 12-volt battery discharge

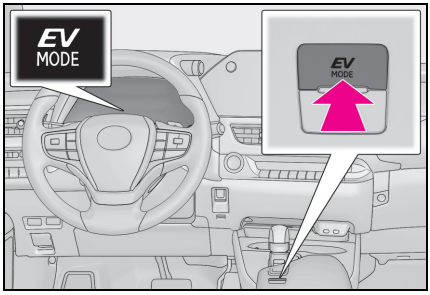
- Do not leave the power switch in ACC or ON for long periods of time without the hybrid system on.
- If "ACCESSORY" or "POWER ON" is displayed on the multi-information display while the hybrid system is not operating, the power switch is not OFF. Exit the vehicle after turning the power switch off.

EV drive mode

In EV drive mode, electric power is supplied by the hybrid battery (traction battery), and only the electric motor (traction motor) is used to drive the vehicle.
This mode allows you to drive in residential areas early in the morning and late at night, or in indoor parking lots, etc., without concern for noises and gas emissions.

Vehicles with the Acoustic Vehicle Alerting System: When the Acoustic Vehicle Alerting System is active, the vehicle may produce sound.

Operating instructions



Turns EV drive mode on/off

When EV drive mode is turned on, the EV drive mode indicator will come on.
Pressing the switch when in EV drive mode will return the vehicle to normal driving (using the gasoline engine and electric motor [traction motor]).

Situations in which EV drive mode cannot be turned on

It may not be possible to turn EV drive mode on in the following situations. If it cannot be turned on, a buzzer will sound and a message will be shown on the multi-information display.

- The temperature of the hybrid system is high.
  The vehicle has been left in the sun, driven on a hill, driven at high speeds, etc.
- The temperature of the hybrid system is low.
  The vehicle has been left for a long period of time, etc.
- The gasoline engine is warming up.
- The hybrid battery (traction battery) is low.
  The remaining battery level indicated in the energy monitor display is low. (→P.120)
- Vehicle speed is high.
- The accelerator pedal is depressed firmly or the vehicle is on a hill, etc.
- The windshield defogger is in use.

Switching to EV drive mode when the gasoline engine is cold

After the hybrid system has started and the "READY" indicator has illuminated, press the EV drive mode switch before the gasoline engine starts to switch to EV drive mode.

However, depending on vehicle conditions, EV drive mode may be canceled and normal driving (using the gasoline engine and electric motor [traction motor]) may be resumed.

Automatic cancelation of EV drive mode

When driving in EV drive mode, the gasoline engine may automatically restart in the following situations. When EV drive mode is canceled, a buzzer will sound, the EV drive mode indicator will go off after flashing, and a message is displayed on the multi-information display.

- The hybrid battery (traction battery) becomes low.
  The remaining battery level indicated in the energy monitor display is low. (→P.120)
- Vehicle speed is high.
- The accelerator pedal is depressed firmly or the vehicle is on a hill, etc.

Possible driving distance when driving in EV drive mode

EV drive mode's possible driving distance ranges from a few hundred meters to approximately 1 km (0.6 mile). However, depending on vehicle conditions, there are situations when EV drive mode cannot be used. (The distance that is possible depends on the hybrid battery [traction battery] level and driving conditions.)

Fuel economy

The hybrid system is designed to achieve the best possible fuel economy during normal driving (using the gasoline engine and electric motor [traction motor]). Driving in EV drive mode more than necessary may lower fuel economy.

If "EV Mode Unavailable" is shown on the multi-information display

The EV drive mode is not available. The reason the EV drive mode is not available (the vehicle is idling, battery charge is low, vehicle speed is higher than the EV drive mode operating speed range or accelerator pedal is depressed too much) may be displayed. Use the EV drive mode when it becomes available.

If "EV Mode Deactivated" is shown on the multi-information display

The EV drive mode has been automatically canceled. The reason the EV drive mode is not available (the battery charge is low, vehicle speed is higher than the EV drive mode operating speed range or accelerator pedal is depressed too much) may be displayed. Drive the vehicle for a while before attempting to turn on the EV drive mode again.

WARNING

■ Caution while driving

Vehicles without Acoustic Vehicle Alerting System: When driving in EV drive mode, 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.

Vehicles with Acoustic Vehicle Alerting System: When driving in EV drive mode, 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. Take extra care while driving even if the Acoustic Vehicle Alerting System is active.

Hybrid transmission

Select the shift position depending on your purpose and situation.

Shift position purpose and functions

▶ Vehicles without paddle shift switches

Shift position	Objective or function
P	Parking the vehicle/starting the hybrid system
R	Reversing
N	Neutral (Condition in which the power is not transmitted)
D	Normal driving*
B	Applying engine braking or strong braking when the accelerator pedal has been released on steep downward slopes etc.

*: To improve fuel efficiency and reduce noise, set the shift position in D for normal driving.

▶ Vehicles with paddle shift switches

Shift position	Objective or function
P	Parking the vehicle/starting the hybrid system
R	Reversing

Shift position	Objective or function
N	Neutral (Condition in which the power is not transmitted)
D	Normal driving*1
S	S mode driving*2 (→P.208)

*1: To improve fuel efficiency and reduce noise, set the shift position in D for normal driving. You can choose gear range suitable for your driving situation by operating the paddle shift switches.

*2: By selecting shift ranges using S mode, you can control accelerating force and engine braking force.

■ When driving with dynamic radar cruise control activated

Even when performing the following actions with the intent of enabling engine braking, engine braking will not activate because dynamic radar cruise control will not be canceled.

- Vehicles with paddle shift switches: While driving in D position or S mode, downshifting to 5 or 4. (→P.207, 208)
- When switching the driving mode to Sport mode while driving in D position. (→P.320)

■ Restraining sudden start (Drive-Start Control)

→P.186

■ 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.477

WARNING

■ When driving on slippery road surfaces

Do not accelerate or shift the shift position suddenly.
Sudden changes in engine braking may cause the vehicle to spin or skid, resulting in an accident.

NOTICE

■ Hybrid battery (traction battery) charge

If the shift position is in N, the hybrid battery (traction battery) will not be charged. To help prevent the battery from discharging, avoid leaving the N position selected for a certain amount of time.

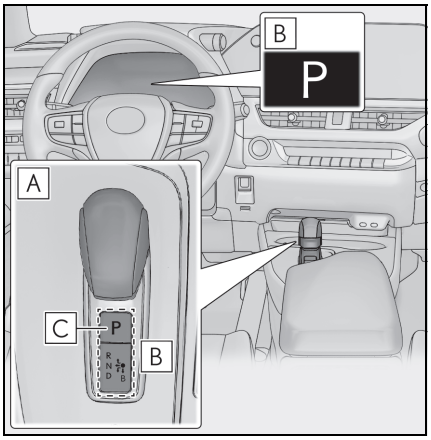
■ Situations where shift control system malfunctions are possible

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.

- When the warning message indicating the shift control system malfunction appears on the multi-information display. (→P.444)
- The display indicates that no shift position is selected for more than a few seconds.

Shift position display and how to change the shift position

▶ Vehicles without paddle shift switches



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 illuminated.

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.

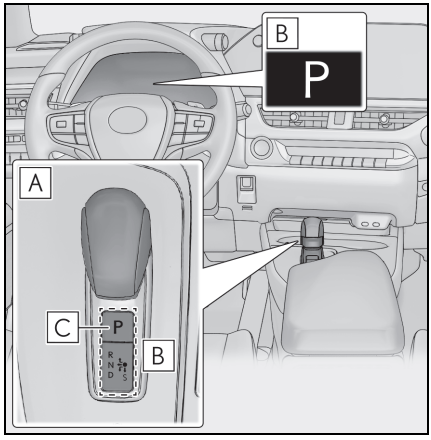
C P position switch

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.

▶ Vehicles with paddle shift switches



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 S is only possible when the shift position is in D.

When shifting from P to N, D or R, from N, D, S or R to P, from D or S 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 illuminated.

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

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.

■ **Changing the shift position in each power switch mode**

- The shift position cannot be changed when the power switch is in ACC or off.
- When the power switch is in ON, if the "READY" indicator is not illuminated, the shift position can only be changed to N.
- When the "READY" indicator is illuminated, 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 any other position, even if the shift lever is operated. Operate the shift lever again after the "READY" indicator changes from flashing to illuminated.

■ **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*1 or S*2 directly.

*1: Vehicles without paddle shift switches

*2: Vehicles with paddle shift switches

■ **The shift position cannot be changed when**

In the following situations, a buzzer will sound to inform you that the shift position cannot be changed. Use the appropriate operation to attempt to change the shift position again.

- When attempting to change the shift position from P with the brake pedal not depressed
- When attempting to change the shift position from P with the accelerator pedal depressed
- When attempting to change the shift position from N while stopped or driving at an extremely low speed with the brake pedal not depressed
- When attempting to change the shift position from N while stopped or driving at an extremely low speed with the accelerator pedal depressed
- When attempting to change the shift position from P or N to B*1 or S*2
- When the P position switch is pressed while driving

When driving at an extremely low speed, the shift position may change to P.

*1: Vehicles without paddle shift switches

*2: Vehicles with paddle shift switches

■ **The shift position automatically changes to N when**

In the following situations, a buzzer will sound to inform you that the shift position has been changed to N. Use the appropriate operation to attempt to change the shift position again.

● When attempting to change the shift position to R while the vehicle is moving forward

When driving at a low speed, the shift position may change to R.

● When attempting to change the shift position to D while the vehicle is moving backward

When driving at a low speed, the shift position may change to D.

● When attempting to change the shift position from R to B*1 or S*2

*1: Vehicles without paddle shift switches

*2: Vehicles with paddle shift switches

■ If the N shift position is selected while driving

If the shift lever is moved to N while driving above a certain speed, the shift position will change to N without holding the shift lever in the N position. In this situation, a buzzer will sound and a message will be displayed on the multi-information display to inform you that the shift position has been changed to N.

■ 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 been changed to P, the power switch will turn off)*

● If the driver's door is opened and all of the following conditions are met, while the shift position is in a position other than P:

- 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 hybrid 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

*: 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.

■ 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.475)

■ Customization

Some functions can be customized. (→P.497)

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 it.

■ 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.

WARNING

- In order to prevent the shift position from accidentally being changed, do not touch the P position switch when not using it.

NOTICE

■ When exiting the vehicle (driver's seat only)

Check that the shift position indicator shows P and that the parking brake indicator is illuminated before opening the door and exiting the vehicle.

Keeping the shift position in N without activating the automatic P position selection function

- By performing the following operations, the shift position can be held in N until the shift position switches to P without activating the automatic P position selection function.

1. Operate the shift lever and change the shift position to N when the hybrid 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 hybrid system stops 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.

- In order to shift to a position other than N, first press the P position switch to change the shift position to P.
- Make sure to operate the shift lever with the hybrid system is operating. If the hybrid system is not operating, it may not be possible to hold the shift position in N.

*: 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.

Selecting the driving mode

→P.320

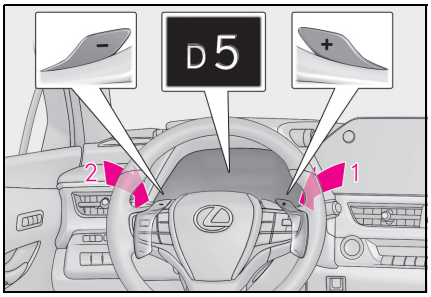
Selecting shift ranges in the D position (vehicles with paddle shift switches)

To drive using temporary shift range selection, operate the "-" or "+" paddle shift switch when driving with the shift position in D.

When the "-" paddle shift switch is operated, the shift range switches to a range that enables engine braking force that is suitable to driving conditions. When the "+" paddle shift switch is operated, the shift range switches to a range that is one range higher than the current range.

Changing the shift range allows restriction of the highest gear, preventing unnecessary upshifting and

enabling the level of engine braking force to be selected.



1 Upshifting

2 Downshifting

The selected shift range, from D1 to D6, will be displayed in the meter.

To return to normal D position driving, the "+" paddle shift switch must be held down for a period of time.

Meter display	Function
D2 - D6	A gear in the range between D1 and the selected shift range is automatically chosen depending on vehicle speed and driving conditions
D1	Setting the shift range at D1

A lower shift range will provide greater engine braking forces than a higher shift range.

■ **When the "-" paddle shift switch is operated with the shift position in D**

The shift range is downshifted to a range that enables engine braking force that is suitable to driving conditions.

■ **Automatic deactivation of shift range selection in the D position**

Shift range selection in the D position will be deactivated in the following situations:

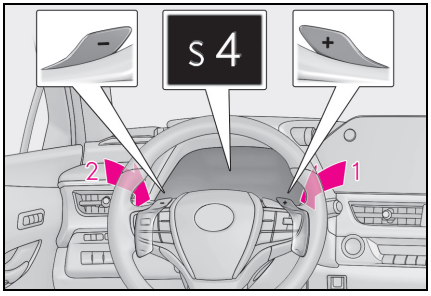
- When the vehicle comes to a stop
- If the accelerator pedal is depressed for more than a certain period of time in one gear step
- When the shift position is shifted to a position other than D
- When the "+" paddle shift switch is pressed and held

■ **Downshifting restriction warning buzzer**

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

Selecting shift ranges in the S mode (vehicles with paddle shift switches)

To enter S mode, shift the shift position to S. Shift ranges can be selected by operating the shift lever or paddle shift switches.



1 Upshifting

2 Downshifting

The selected shift range, from S1 to S6, will be displayed on the meter.

The initial shift range in S mode is 4 or 5.

■ **Shift ranges and their functions**

- You can choose from 6 levels of

accelerating force and engine braking force.

- A lower shift range will provide greater accelerating force and engine braking force than a higher shift range, and the engine revolutions will also increase.

■ **S mode**

- When the shift range is 4 or lower, holding the shift lever toward "+" sets the shift range to 6.
- Automatically selects a higher shift range before the engine speed becomes too high.

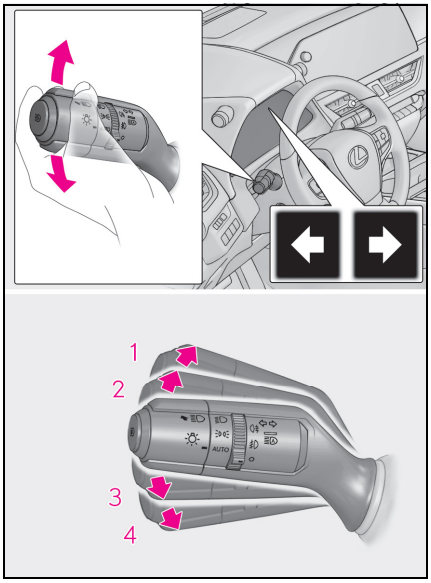
■ **Downshifting restriction warning buzzer**

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

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.

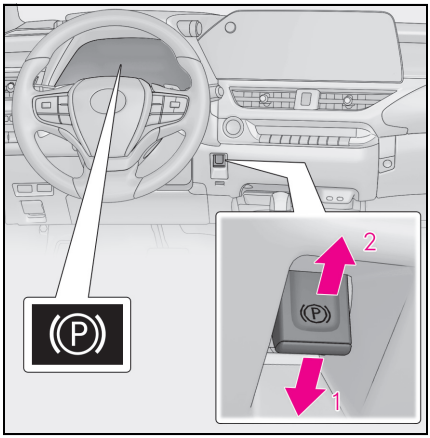
Parking brake

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 position 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.

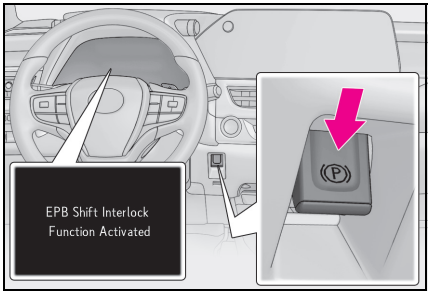
2 Pull the switch to release the parking brake

- 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



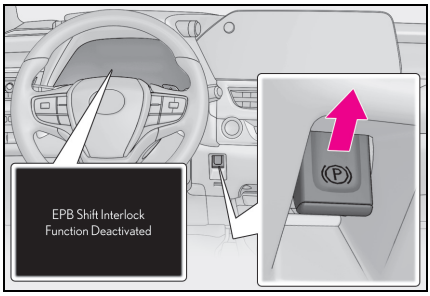
When the automatic mode is turned on, the parking brake operates as follows.

- 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 position 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, S 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 "EPB Activation Stopped Incompletely", "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.181

■ Parking brake engaged warning buzzer

A buzzer will sound if the vehicle is driven with the parking brake engaged. "EPB Applied" or "Parking Brake ON" is displayed on the multi-information display (with the vehicle reaching a speed of 5 km/h [3 mph]).

■ If the brake system warning light comes on

→P.436

■ Usage in winter time

→P.333

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*1, S*2, N or P 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, B*1 or S*2 to allow smooth start off.

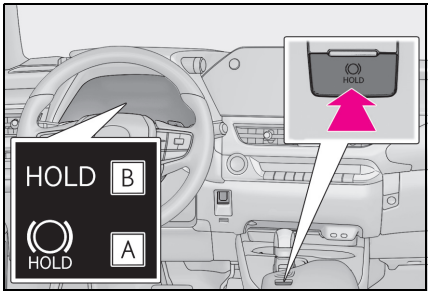
*1: Vehicles without paddle shift switches

*2: Vehicles with paddle shift switches

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.
- "EPB Unavailable", "Parking Brake Unavailable" or "EPB Malfunction Visit Your Dealer" is displayed on the multi-information display.

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 do not wish for the parking brake to operate automatically, press and hold the brake hold switch until the standby indicator (green) turns off, and then turn the power switch off.

■ 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.210)

■ **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 Malfunction Press 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.437

WARNING

■ **When the vehicle is on a steep incline**

Take care when using the brake hold system on a steep incline, exercise caution. The brake hold function may not hold brakes in such situations.
Also, the system may not activate depending on the angle of the slope.

■ **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)*

*: If equipped

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 engine and exhaust in order to allow the driver to feel acceleration and the state of the engine more strongly.

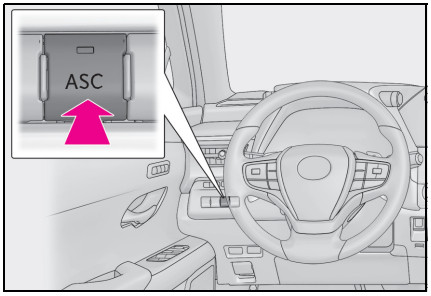
Turning ASC system on

Press the ASC switch.

The indicator on the switch will turn on.

Press the ASC switch again to turn the ASC system off.

Even if the indicator is illuminated, when the driving mode (→P.320) is set to Eco drive mode or Custom mode (power/train control is set to "ECO"), or EV drive mode (→P.200) is turned on, ASC system does not operate.



■ **Operating conditions**

The ASC system operates when all of the following conditions are met.

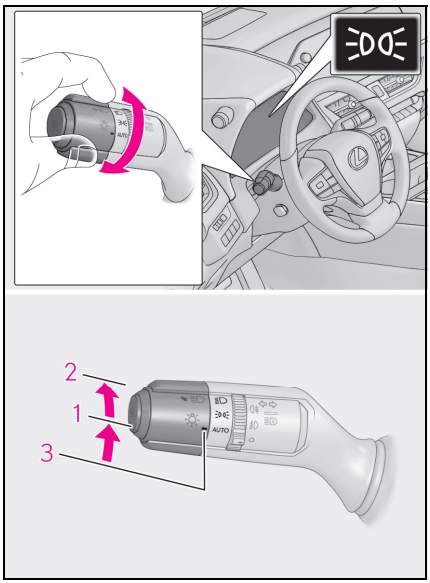
- EV drive mode (→P.200) is turned off
- The driving mode (→P.320) is set to other than Eco drive mode or Custom mode (power/train control is set to "ECO")

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.216) and all the lights listed above turn on and off automatically.

■ **AUTO mode can be used when**

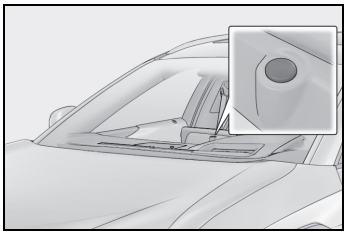
The power switch is in ON.

■ **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 hybrid 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 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 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 ≡D or

.

■ **Light reminder buzzer**

A buzzer sounds when the power switch is turned off 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.

■ **If "Headlight System 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.

■ **Customization**

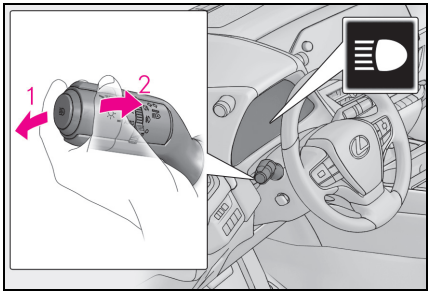
Settings (e.g. light sensor sensitivity) can be changed.
(Customizable features: →P.497)

NOTICE

■ **To prevent 12-volt battery discharge**

Do not leave the lights on longer than necessary when the hybrid 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.

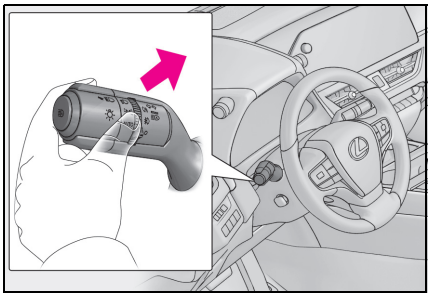
You can flash the high beams with the headlights on or off.

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 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 on the upper portion of the windshield to detect the brightness of the lights of vehicles ahead, streetlights, etc., and automatically controls the light distribution of the headlights.

WARNING

■ For safe use

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.

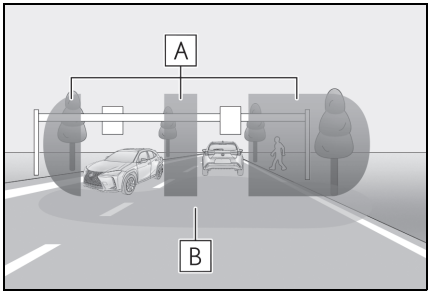
■ To prevent unintentional operation of the Adaptive High-beam System

When it is necessary to disable the system:→P.237

System controls

- According to the vehicle speed, the brightness and illuminated area of the high beams are adjusted.
- When driving around a curve, the system uses the high beams to brightly illuminate the direction of travel of the vehicle.
- The high beams are illuminated so that the area around a vehicle ahead is shaded. (Shaded high beam)

The shaded high beam helps ensure forward visibility while reducing the dazzling effect on the drivers of vehicles ahead.



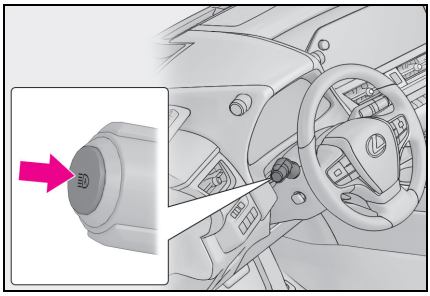
A Area illuminated by the high beams

B Area illuminated by the low beams

- According to the distance to a preceding vehicle, the illuminated area of the low beams is adjusted.

Using the Adaptive High-beam System

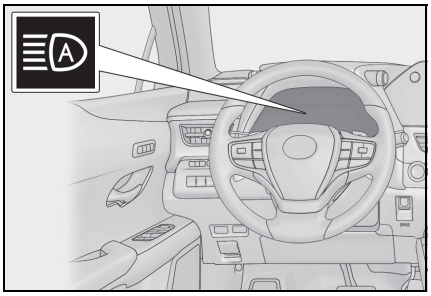
1 Press the Adaptive High-beam System switch.



2 Turn the headlight switch to the AUTO or position.

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

nate.



■ System operating conditions

● When all of the following conditions are met, the high beams will illuminate and the system will operate:
- The vehicle speed is approximately 15 km/h (9 mph) or more*.
- The area ahead of the vehicle is dark.

*: When driving around a curve at a vehicle speed of approximately 30 km/h (19 mph) or more, the direction of travel of the vehicle will be brightly illuminated.

● When all of the following conditions are met, the headlights will change to the shaded high beams according to the position of vehicles ahead:
- The vehicle speed is approximately 15 km/h (9 mph) or more.
- The area ahead of the vehicle is dark.
- There is a vehicle ahead with lights on.
- There are few streetlights or other lights on the road ahead.

● If any of the following conditions are met, the system will change to the low beams:
- The vehicle speed is approximately 12 km/h (7.5 mph) or lower.
- The area ahead of the vehicle is not dark.
- There are many vehicles ahead.
- There are many streetlights or other lights on the road ahead.

■ Front camera detection

● In the following situations, the high beams may not be automatically changed to the shaded high beams:
- When a vehicle cuts in front of your vehicle
- When another vehicle crosses in front of the vehicle
- When vehicles ahead are repeatedly detected and then hidden due to repeated curves, road dividers or roadside trees
- When a vehicle ahead approaches from a far lane
- When a vehicle ahead is far away
- When a vehicle ahead has no lights
- When the lights of a vehicle ahead are dim
- When a vehicle ahead is reflecting strong light, such as the headlights of your vehicle
- Situations in which the sensors may not operate properly:→P.242

● The high beams may change 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 may change the speed at which the shaded areas change or the timing at which the headlights change to the low beams:
- The brightness of lights of vehicles ahead
- The movement and direction of vehicles ahead
- The distance between the vehicle and a vehicle ahead
- When a vehicle ahead only has lights illuminated 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 not match the driver's expectations

● Bicycles and other small vehicles may not be detected.

- In the following situations, the system may not be able to correctly detect the brightness of the surroundings. 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 change between the high beams and low beams.
- When there are lights similar to headlights or tail lights in the surrounding area
- When headlights or tail lights of vehicles ahead are turned off, dirty, changing color, or not aimed properly
- When the headlights are repeatedly changing between the high beams and low beams.
- When use of the high beams is inappropriate or when 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 it is necessary to disable the system:→P.237
- Situations in which the sensors may not operate properly:→P.242

Customization

The settings of some functions can be changed. (→P.497)

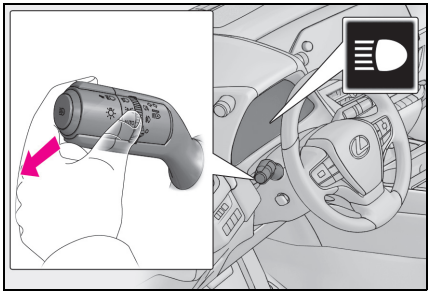
Turning the high beams on/off manually

Changing to the high beams

Push the lever forward.

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

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

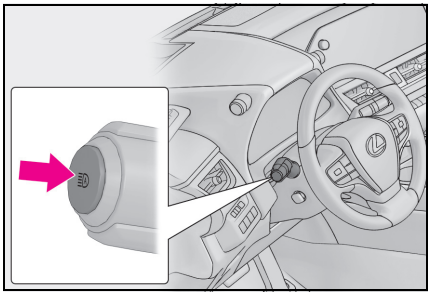


Changing to the low beams

Press the Adaptive High-beam System switch.

The AHS indicator will turn off.

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



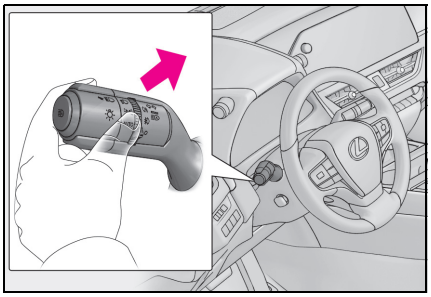
Temporarily changing to the low beams

It is recommended to switch to the low beams when use of the high beams is inappropriate or when the high beams may cause problems or distress to other drivers or pedestrians nearby.

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

The high beams will illuminate while the lever is pulled, however, after the lever is returned to its original position, the low beams will remain on for a certain

amount of time. After this, the Adaptive High-beam System will operate.



AHB (Automatic High Beam)

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

WARNING

■ **For safe use**

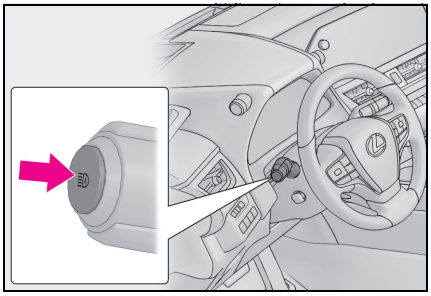
Do not overly rely on the Automatic High Beam. Always drive safely, taking care to observe your surroundings and turning the high beams on or off manually if necessary.

■ **To prevent unintentional operation of the Automatic High Beam System**

When it is necessary to disable the system: →P.237

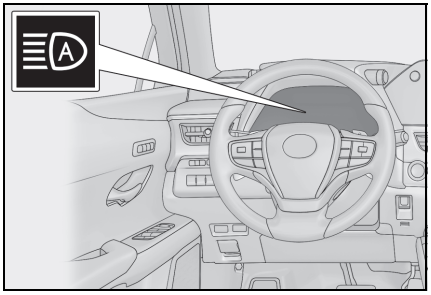
Using the Automatic High Beam system

1 Press the Automatic High Beam switch.



2 Turn the headlight switch to the AUTO or position.

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



Automatic operating conditions of the high beams

- When all of the following conditions are met, the high beams will illuminate automatically:
  - The vehicle speed is approximately 30 km/h (19 mph) or more
  - The area ahead of the vehicle is dark.
  - There are no vehicles ahead with lights on.
  - There are few streetlights or other lights on the road ahead.
- If any of the following conditions are met, the headlights will change to the low beams:
  - Vehicle speed drops below approximately 25 km/h (16 mph).
  - The area ahead of the vehicle is not dark.
  - There is a vehicle ahead with lights on.
  - There are many streetlights or other lights on the road ahead.

Front camera detection

- In the following situations, the high beams may not be automatically changed to the low beams:
  - When a vehicle cuts in front of your vehicle
  - When another vehicle crosses in front of the vehicle
  - When vehicles ahead are repeatedly detected and then hidden due to repeated curves, road dividers or roadside trees
  - When a vehicle ahead approaches from a far lane
  - When a vehicle ahead is far away
  - When a vehicle ahead has no lights
  - When the lights of a vehicle ahead are dim
  - When a vehicle ahead is reflecting strong light, such as own headlights
  - Situations in which the sensors may not operate properly: →P.242
- The headlights may change to the low 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 may cause the high beams to change to the low beams, or the low beams to remain on.
- The following may change the timing at which the headlights change to the low beams:
  - The brightness of lights of vehicles ahead
  - The movement and direction of vehicles ahead
  - The distance between the vehicle and a vehicle ahead
  - When a vehicle ahead only has lights illuminated 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 headlights may change between the high beams and low beams unexpectedly.
- Bicycles and other small vehicles may not be detected.
- In the following situations, the system may not be able to correctly detect the brightness of the surroundings. 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 change between the

high beams and low beams.
- When there are lights similar to headlights or tail lights in the surrounding area
- When headlights or tail lights of vehicles ahead are turned off, dirty, changing color, or not aimed properly
- When the headlights are repeatedly changing between the high beams and low beams.
- When use of the high beams is inappropriate or when 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 it is necessary to disable the system: →P.237
- Situations in which the sensors may not operate properly: →P.242

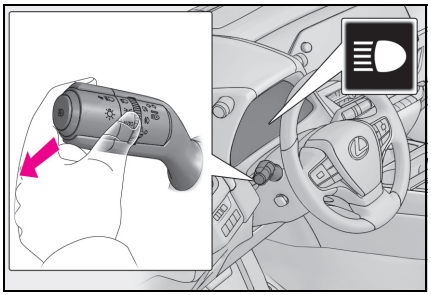
Turning the high beam on/off manually

■ Changing to the high beams

Push the lever forward.

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

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

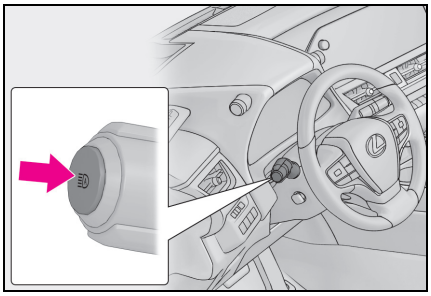


■ Changing to the low beams

Press the Automatic High Beam switch.

The AHB indicator will turn off.

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

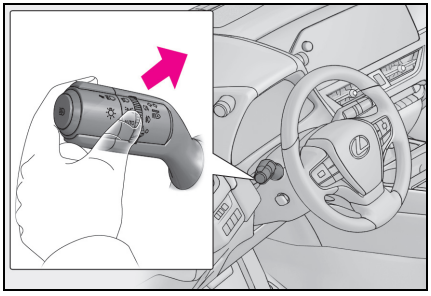


Temporarily changing to the low beams

It is recommended to switch to the low beams when use of the high beams is inappropriate or when the high beams may cause problems or distress to other drivers or pedestrians nearby.

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

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

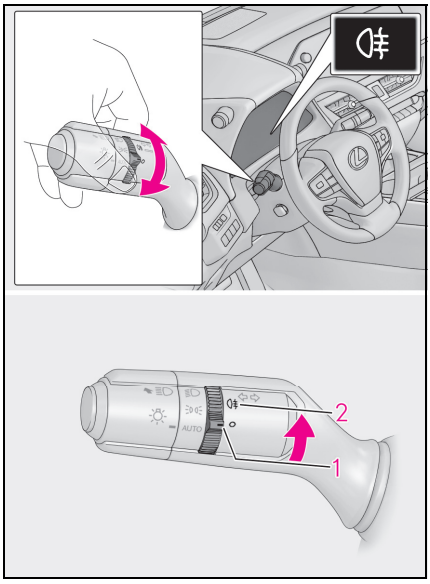


Fog light switch

When in difficult driving conditions, such as in rain and fog, turn on the front fog lights 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



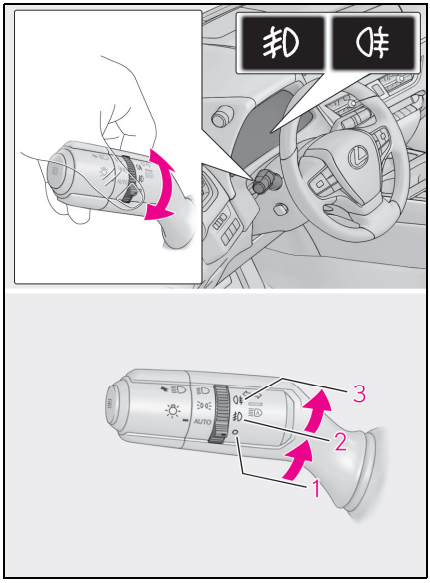
1 O Turns the rear fog lights off

2 Turns the rear fog lights on

Releasing the switch ring returns it to O.

Operating the switch ring again turns the rear fog lights off.

▶ Front and rear fog light switch



1 O 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 hybrid system is off.

Windshield wipers and washer

Operating the lever can change wiper operation to automatic/manual or squirt washer fluid.

NOTICE

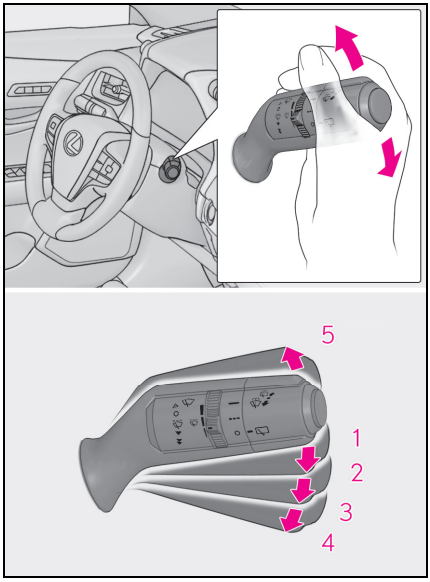
■ When the windshield is dry

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

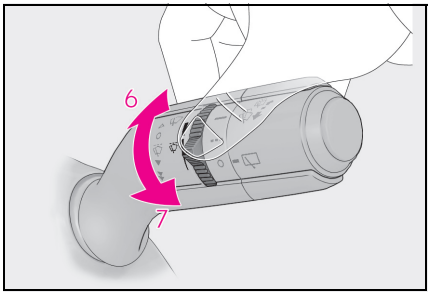
2 Intermittent operation

3 ▼ Low speed operation

4 ▼▼ High speed operation

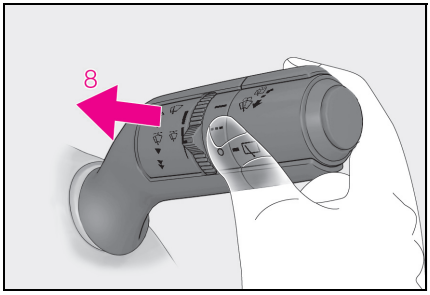
5 ▲ Temporary operation

Wiper intervals can be adjusted when intermittent operation is selected.



6 Increases the intermittent windshield wiper frequency

7 Decreases the intermittent windshield wiper frequency



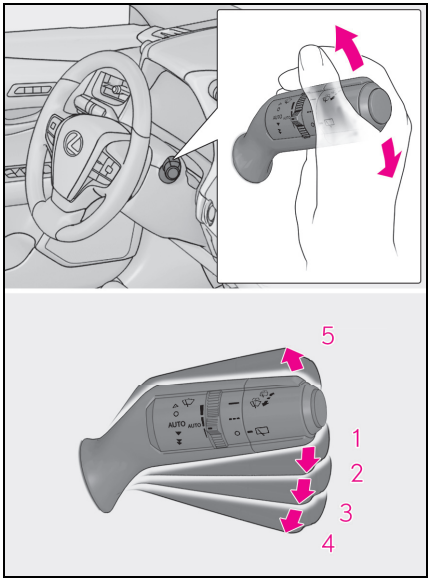
8 Washer/wiper dual operation

Pulling the lever operates the wipers and washer.

The wipers will automatically operate a couple of times after the washer squirts. Vehicles with headlight cleaners: 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

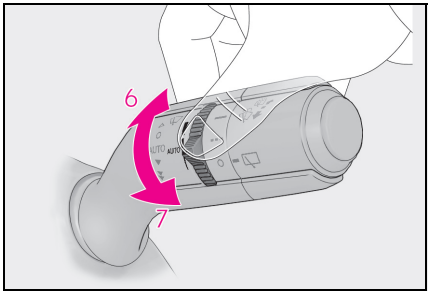
2 AUTO Rain-sensing operation

3 ▼ Low speed operation

4 ▼▼ High speed operation

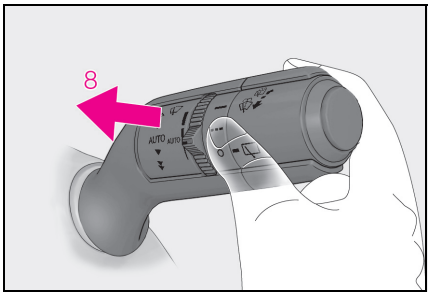
5 ▲ Temporary operation

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.)

Vehicles with headlight cleaners: 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.

■ Using the voice control system (if equipped)

The following operations can be performed using the voice control system:

- Operating the windshield wipers only once
- Operating the windshield cleaning washer (it can be performed only when the vehicle is stopped)

For details regarding the voice control system, refer to "MULTIMEDIA OWNER'S MANUAL".

■ 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.

■ **Front door opening linked windshield wiper stop function**

When AUTO is selected and the windshield wipers are operating, if a front door is opened, the operation of the windshield wipers will be stopped to prevent anyone near the vehicle from being sprayed by water from the wipers, provided the vehicle is stopped with the parking brake applied or the shift position in P. When the front door is closed, wiper operation will resume.

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 hybrid system is off.

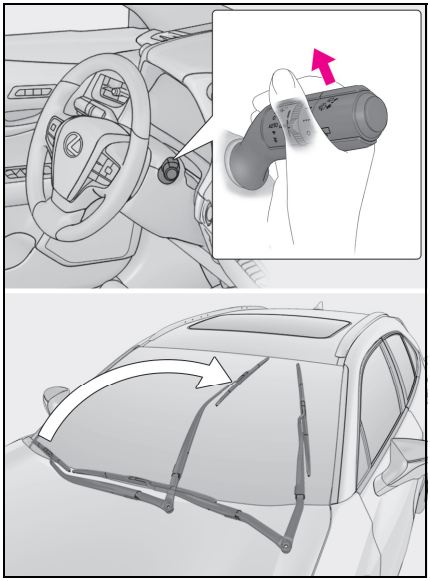
Changing the windshield wiper rest position/Lifting the windshield wipers

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**

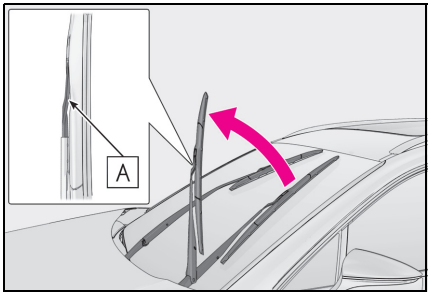
Within approximately 45 seconds of turning the power switch off, move the wiper lever to the △ position and hold it for approximately 2 seconds or more.

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.

■ Using the voice control system (if equipped)

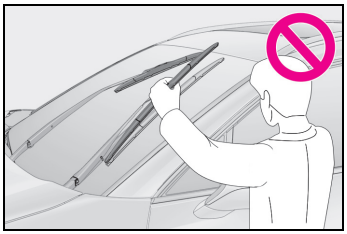
The windshield wipers can be moved to the service position using the voice control system. (Operation is possible only when the vehicle is stopped with the wiper switch in ○.)

For details regarding the voice control system, refer to the "MULTIMEDIA OWNER'S MANUAL".

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.

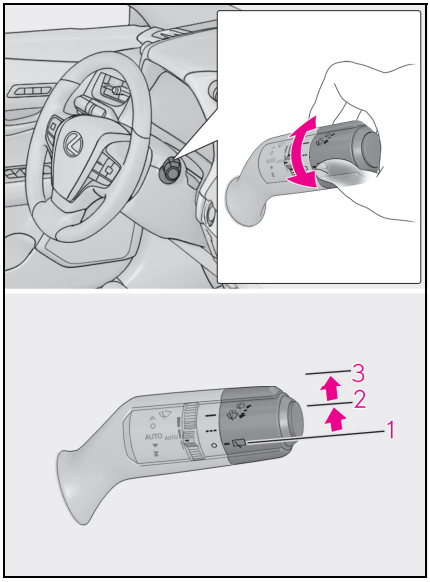
NOTICE

■ When the rear window is dry

Do not use the wiper, as it may damage the rear window.

Operating the wiper lever

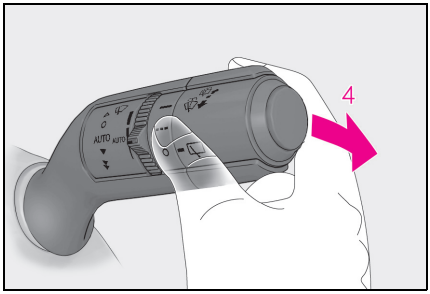
Operating the switch operates the rear wiper as follows:



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.

■ Using the voice control system (if equipped)

The following operations can be performed using the voice control system:

- Operating the rear window wiper only once
- Operating the rear window cleaning washer (it can be performed only when the vehicle is stopped)

For details regarding the voice control system, refer to "MULTIMEDIA OWNER'S MANUAL".

■ 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 while 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.497)

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 hybrid system is off.

Opening the fuel tank cap

Before refueling the vehicle

- Turn the power switch off and ensure that all the doors and windows are closed.
- Confirm the type of fuel.

■ Fuel types

→P.495

■ Fuel tank opening for unleaded gasoline

To help prevent incorrect fueling, your vehicle has a fuel tank opening that only accommodates the special nozzle on unleaded fuel pumps.

⚠ WARNING

■ When refueling the vehicle

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

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

■ When refueling

Observe the following precautions to prevent fuel overflowing from the fuel tank:

- Securely insert the fuel nozzle into the fuel filler neck.
- Stop filling the tank after the fuel nozzle automatically clicks off.
- Do not top off the fuel tank.

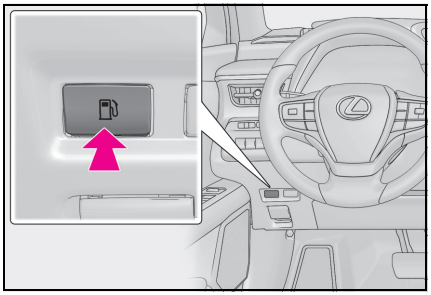
NOTICE

■ Refueling

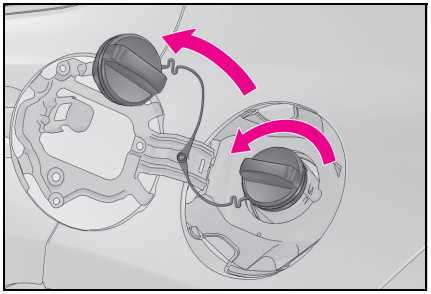
Do not spill fuel during refueling. Doing so may damage the vehicle, such as causing the emission control system to operate abnormally or damaging fuel system components or the vehicle's painted surface.

Opening the fuel tank cap

1 Press the opener switch.



2 Turn the fuel tank cap slowly and remove it, then put it into the holder on the fuel filler door.

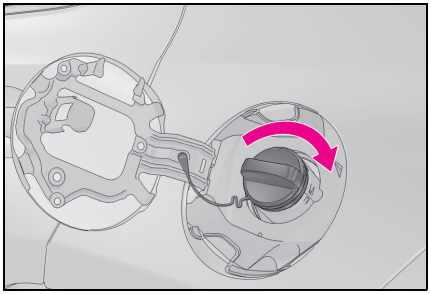


■ If the fuel filler door cannot be opened

→P.472

Closing the fuel tank cap

After refueling, turn the fuel tank cap until you hear a click. Once the cap is released, it will turn slightly in the opposite direction.



WARNING

■ When replacing the fuel tank cap

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

Lexus Safety System + software update*

*: If equipped

It is necessary to enter a connected services contract, provided by Lexus, to use these functions. For details, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

WARNING

■ For safe use

When the Lexus Safety System + software is updated, the operating methods of functions may change. Using this system without knowing the correct operating methods may lead to an accident resulting in death or serious injury.

- Make sure to read the Digital Owner's Manual which corresponds to the software version of the system, available at the Owner's Manual website, before using this system.

Content of the Lexus Safety System + Owner's Manual

This Owner's Manual contains information for Ver. 2. For the latest information about the controls, use, warnings/precautions, etc. of each function of Lexus Safety System +, refer to the Digital Owner's Manual at the Owner's Manual website.

If the software of this system has been updated after initial purchase of the vehicle, before using this system, be sure to read the Owner's Manual which corresponds to the software version of the system.

■ Precautions for use

- Be aware that some functions may temporarily be disabled if a legal or safety related issue occurs.
- If a connected services contract has not been entered or has expired, software updates will not be able to be performed wirelessly.

Checking your vehicle's Lexus Safety System + version

If the software of this system has been updated after initial purchase of the vehicle, to access the appropriate Owner's Manual, it is necessary to check the software version of the system and then visit the Owner's Manual website.

■ Checking the current software version on the Center display

The current software version can be checked from the driving assist function update notification.

■ **Selecting your vehicle's Lexus Safety System + version**

1 Access the following URL using a computer or smartphone:

https://www.lexus.eu/manual?parameter=om9a641e.ux300h.2401.hev.vh



2 Select the file which includes the previously checked system version.

Updating the software

If a software update is available, a notification will be displayed on the Center display. Follow the instructions displayed on the screen.

When the software is updated, the way functions are used may change and functions may be added.

For details about changes or additions, check the Owner's Manual website.

■ **Software update precautions**

- After a software update has been performed, it will not be possible to revert to a previous version.
- Depending on the communication environment and the content of an update, a software update may take several hours. Although an update will be suspended when the power switch is turned off, it will resume when the power switch is changed back to ON.
- Lexus Safety System + can still be used while a software update is being performed.
- In the following situations, a software update may be performed automatically:
  - When a possible system issue or other safety related issue is corrected*
  - When a legal issue is corrected*
  - When small corrections which do not affect system operation or performance are made

*: All available updates may be installed and the software updated to the most current version.

■ **Checking the driving assist function update notification**

The following items can be checked or performed.

- Software version, update details, precautions, use methods, etc.
- A link to display the software update history
- Software update

Lexus Safety System +

The Lexus Safety System + consists of the driving assist systems and contributes to a safe and comfortable driving experience:

WARNING

■ Lexus Safety System +

The Lexus Safety System + operates under the assumption that the driver will drive safely, and is designed to help reduce the impact to the occupants in a collision and assist the driver under 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 solely responsible for paying attention to the vehicle's surroundings and driving safely.

■ For safe use

- Do not overly rely on this system. The driver is solely responsible for paying attention to the vehicle's surroundings and driving safely. This system may not operate in all situations and provided assistance is limited. Over-reliance on this system to drive the vehicle safely may lead to an accident resulting in death or serious injury.
- Do not attempt to test the operation of the system, as it may not operate properly, possibly leading to an accident.
- If attention is necessary while performing driving operations or a system malfunction occurs, a warning message or warning buzzer will be operated. If a warning message is displayed on the display, follow the instructions displayed.
- Depending on external noise, the volume of the audio system, etc. it may be difficult to hear the warning buzzer. Also, depending on the road conditions, it may be difficult to recognize the operation of the system.

■ When it is necessary to disable the system

In the following situations, make sure to disable the system.

Failure to do so may lead to the system not operating properly, possibly leading to an accident resulting in death or serious injury.

- When the vehicle is tilted due to being overloaded or having a flat tire
- When driving at extremely high speeds
- When towing another vehicle
- When the vehicle is being transported by a truck, ship, train, etc.
- When the vehicle is raised on a lift 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 the vehicle is driven in a sporty manner or off-road
- When using an automatic car wash
- When a sensor is misaligned or deformed due to a strong impact being applied to the sensor or the area around the sensor
- When accessories which obstruct a sensor or light are temporarily installed to the vehicle

WARNING

- When a compact spare tire or tire chains are installed to the vehicle or an emergency tire puncture repair kit has been used
- When the tires are excessively worn or the inflation pressure of the tires is low
- When tires other than the manufacturer specified size are installed
- When the vehicle cannot be driven stably, due to a collision, malfunction, etc.

Driving assist systems

■ **AHS (Adaptive High-beam System)***

→P.219

■ **AHB (Automatic High Beam)**

→P.222

■ **PCS (Pre-Collision System)**

→P.246

■ **LTA (Lane Tracing Assist)**

→P.257

■ **LDA (Lane Departure Alert)**

→P.261

■ **PDA (Proactive Driving Assist)***

→P.266

■ **RSA (Road Sign Assist)***

→P.272

■ **Dynamic radar cruise control**

→P.275

■ **Cruise control**

→P.286

■ **Emergency Driving Stop System**

→P.289

■ **Driver monitor***

→P.244

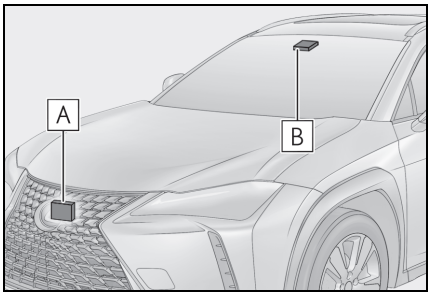
*: If equipped

Sensors used by Lexus Safety System +

Various sensors are used to obtain the necessary information for system operation.

■ **Sensors which detect the surrounding conditions**

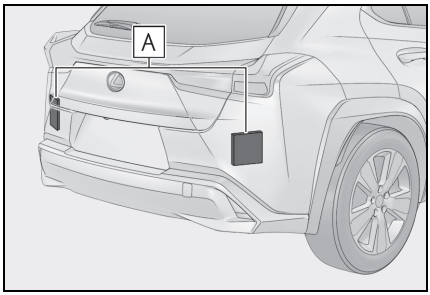
▶ Front



A Front radar sensor

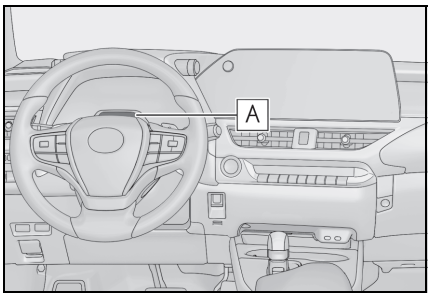
B Front camera

▶ Rear



A Rear side radar sensors

■ Sensors which detect the driver condition



A Driver monitor camera*

*: If equipped

WARNING

■ To prevent malfunction of the radar sensors

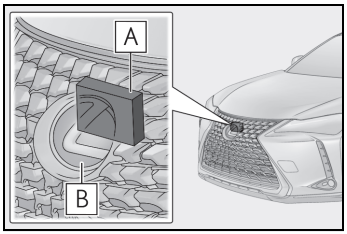
Observe the following precautions.

Failure to do so may lead to a radar sensor not operating properly, possibly leading to an accident resulting in death or serious injury.

- Keep the radar sensors and radar sensor covers clean at all times.

Clean the front of a radar sensor or the front or back of a radar sensor cover if it is dirty or covered with water droplets, snow, etc.

When cleaning the radar sensor and radar sensor cover, use a soft cloth to remove dirt so as to not damage them.



A Radar sensor

B Radar sensor cover

- Do not attach accessories, stickers (including transparent stickers), aluminum tape, etc. to a radar sensor or radar sensor cover and their surrounding area.
- Do not subject a radar sensor or its surrounding area to impact.

If a radar sensor, the front grille, or front bumper has been subjected to a impact, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- Do not disassemble the radar sensors.
- Do not modify or paint the radar sensors or radar sensor cover, or replace them with anything other than Lexus genuine parts.

WARNING

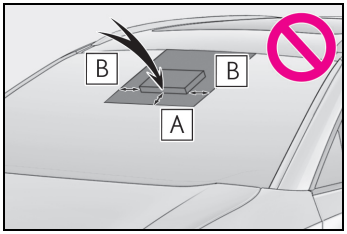
- In the following situations, recalibration of the radar sensors will be necessary. For details, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
  - When a radar sensor is removed and installed, or replaced
  - When the front bumper or the front grille has been replaced

■ To prevent malfunction of the front camera

Observe the following precautions.

Failure to do so may lead to the front camera not operating properly, possibly leading to an accident resulting in death or serious injury.

- Always keep the windshield clean.
  - If the windshield is dirty or covered with an oily film, water droplets, snow, etc., clean the windshield.
  - Even 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.
- Do not attach stickers (including transparent stickers) or other items to the area of the windshield in front of the front camera (shaded area in the illustration).



A Approximately 4 cm (1.6 in.)

B Approximately 4 cm (1.6 in.)

- 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.
- 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.

If the windshield has been replaced, recalibration of the front camera will be necessary. For details, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- Do not allow liquids to contact the front camera.
- Do not allow bright lights to shine into the front camera.

WARNING

- Do not damage the lens of the front camera or allow it to become dirty.

When cleaning the inside of the windshield, do not allow glass cleaner to contact the lens of the front camera. Do not touch the lens of the front camera.

If the lens of the front camera 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 position or orientation of the front camera or remove it.
- Do not disassemble the front camera.
- Do not modify any parts around the front camera, such as the inside rear view mirror or ceiling.
- Do not attach accessories which may obstruct the front camera to the hood, front grille, or front bumper. For details, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- 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 or change the headlights and other lights.

Front camera installation area on the windshield

If the system determines that the windshield may be fogged up, it will automatically operate the heater to defog the part of the windshield around the front camera. When cleaning, etc., be careful not to touch the area around the front camera until the windshield has cooled sufficiently, as touching it may cause burns.

Precautions for the driver monitor camera (if equipped)

Observe the following precautions.

Failure to do so may lead to malfunction of the driver monitor camera and the systems not operating properly, possibly leading to an accident resulting in death or serious injury.

- Do not subject the driver monitor camera or its surrounding area to strong impact.

If subjected to a strong impact, the driver monitor camera may move out of alignment and the driver may no longer be detected correctly. In this case, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

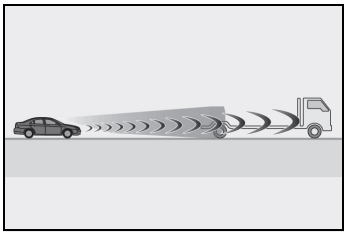
- Do not disassemble or modify the driver monitor camera.
- Do not attach accessories, stickers (including transparent stickers), etc. to the driver monitor camera or its surrounding area.
- Do not allow the driver monitor camera or its surrounding area to get wet.
- Do not cover the driver monitor camera or place anything in front of it.
- Keep the lens of the driver monitor camera free from damage.
- Do not touch the lens of the driver monitor camera or allow it to become dirty.

When there is dirt or fingerprints on the camera lens, clean it with a dry, soft cloth so as to not mark or damage it.

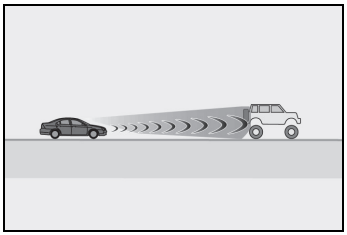
- When cleaning the lens, do not use detergents or organic solvents that may damage plastic.

■ **Situations in which the sensors may not operate properly**

- When the height or inclination of the vehicle has been changed due to modifications
- When the windshield is dirty, fogged up, cracked or damaged
- When the ambient temperature is high or low
- When mud, water, snow, dead insects, foreign matter, etc., is attached to the front of the sensor
- When in inclement weather such as heavy rain, fog, snow, or a sandstorm
- When water, snow, dust, etc. is thrown up in front of the vehicle, or when driving through mist or smoke
- When the headlights are not illuminated while driving in the dark, such as at night or when in a tunnel
- When the lens of a headlight is dirty and illumination is weak
- When the headlights are misaligned
- When a headlight is malfunctioning
- When the headlights of another vehicle, sunlight, or reflected light shines directly into the front camera
- When the brightness of the surrounding area changes suddenly
- When driving near a TV tower, broadcasting station, electric power plant, radar equipped vehicles, etc., or other location where strong radio waves or electrical noise may be present
- When a wiper blade is blocking the front camera
- When in a location or near objects which strongly reflect radio waves, such as the following:
  - Tunnels
  - Truss bridges
  - Gravel roads
  - Rutted, snow-covered roads
  - Walls
  - Large trucks
  - Manhole covers
  - Guardrail
  - Metal plates
- When near a step or protrusion
- When a detectable vehicle is narrow, such as a small mobility vehicle
- When a detectable vehicle has a small front or rear end, such as an unloaded truck
- When a detectable vehicle has a low front or rear end, such as a low bed trailer



- When a detectable vehicle has extremely high ground clearance



- When a detectable vehicle is carrying a load which protrudes from its cargo area
- When a detectable vehicle has little exposed metal, such as a vehicle which is partially covered with cloth, etc.
- When a detectable vehicle is irregularly shaped, such as a tractor, sidecar, etc.
- When the distance between the vehicle and a detectable vehicle has become extremely short
- When a detectable vehicle is at an angle
- When snow, mud, etc. is attached to a detectable vehicle
- When driving on the following kinds of roads:
  - Roads with sharp curves or winding roads

- Roads with changes in grade, such as sudden inclines or declines
- Roads which is sloped to the left or right
- Roads with deep ruts
- Roads which are rough and unmaintained
- Roads which frequently undulate or are bumpy

● When the steering wheel is being operated frequently or suddenly

● When the vehicle is not in a constant position within a lane

● When parts related to this system, the brakes, etc. are cold or extremely hot, wet, etc.

● When the wheels are misaligned

● When driving on slick road surfaces, such as when it is covered with ice, snow, gravel, etc.

● When the course of the vehicle differs from the shape of a curve

● When the vehicle speed is excessively high when entering a curve

● When entering/exiting a parking lot, garage, car elevator, etc.

● When driving in a parking lot

● When driving through an area where there are obstructions which may contact your vehicle, such as tall grass, tree branches, a curtain, etc.

● When driving in strong wind

■ **Situations in which the lane may not be detected**

● When the lane is extremely wide or narrow

● Immediately after changing lanes or passing through an intersection

● When driving in a temporary lane or lane regulated by construction

● When there are structures, patterns, shadows which are similar to lane lines in the surrounding

● When there are multiple white lines for a lane line

● When the lane lines are not clear or driving on a wet road surface

● When a lane line is on a curb

● When driving on a bright, reflective road surface, such as concrete

■ **Situations in which some or all of the functions of the system cannot operate**

● When a malfunction is detected in this system or a related system, such as the brakes, steering, etc.

● When the VSC, TRC, or other safety related system is operating

● When the VSC, TRC, or other safety related system is off

■ **Changes in brake operation sound and pedal response**

● When the brakes have been operated, brake operation sounds may be heard and the brake pedal response may change, but this does not indicate a malfunction.

● When the system is operating, the brake pedal may feel stiffer than expected or sink. In either situation the brake pedal can be depressed further. Further depress the brake pedal as necessary.

■ **Situations in which the driver monitor (if equipped) may not operate properly**

In situations such as the following, the driver monitor camera may not be able to detect the driver's face, and the function may not operate properly.

● When the inside of the vehicle is hot, such as after the vehicle has been parked in the sun

● When a very bright light, such as the sun or the headlights of following vehicle, shines onto the driver monitor camera

● When the brightness inside the vehicle changes frequently due to the shadows of surrounding structures, etc.

● When a very bright light, such as the sun or the headlights of an oncoming vehicle, is shining onto the driver's face

● When light, either inside or outside of the vehicle, is being reflected from the lenses of eyeglasses or sunglasses

- When there are multiple faces in the detection range of the driver monitor camera, such as when a front or rear passenger is leaning toward the driver's seat
- When the driver's face is outside of the detection range of the driver monitor camera, such as when leaned forward or when their head is outside of the window
- When the driver monitor camera is being blocked by the steering wheel, a hand holding the steering wheel, an arm, etc.
- When the driver is wearing a hat
- When the driver is wearing an eyepatch
- When the driver is wearing eyeglasses or sunglasses that do not easily transmit infrared rays
- When the driver is wearing contact lenses
- When the driver is wearing a face mask
- When the driver is laughing or their eyes are only slightly open
- When the driver's eyes, nose, mouth, or shape of their face is blocked
- When the driver is wearing makeup which makes it difficult to detect their eyes, nose, mouth, or shape of their face
- When the driver's eyes are blocked by the frame of eyeglasses, sunglasses, hair, etc.
- When there is a device inside the vehicle that radiates near infrared rays, such as a non-genuine driver monitoring system.

Driver monitor*

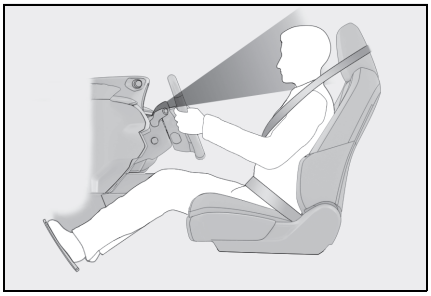
*: If equipped

Basic functions

During controlled driving, the driver monitor camera detects the position and direction the driver is facing, and whether their eyes are opened or closed. Through this, the system determines if the driver is checking their surroundings and if the driver can perform driving operations.

In order to operate properly, the driver monitor camera requires an unobstructed view of the driver's face.

If the steering column or seat position is either too high or too low, or if any other condition is present that obstructs the driver monitor camera's view of the driver's face, some driving support systems may not operate properly, or a warning message may be displayed.



■ Warning function

In situations such as the following, a buzzer will sound and a message will be displayed to warn the driver.

- When the system determines that the driver is not paying attention to the road or their eyes are closed
- When the driver's face cannot be detected or the system determines that the driver has poor driving posture

When the seated position of the driver is such that the upper or lower part of the meter is not visible, the driver's entire face may not be recognized by the driver monitor camera. To mitigate the appearance of this warning, adjust the steering wheel and seat position so the driver can see the entire meter.

■ Face identification

The driver monitor is used as a device to identify faces in order to identify an individual.

For information about how to use the face identification function, priorities among other devices of individual identification, and linked vehicle settings, see "My Settings". (→P.177)

⚠ WARNING

■ For safe use

- The driver monitor is not designed to prevent the driver from driving carelessly or having a poor driving posture. Pay careful attention to the surrounding conditions in order to ensure safe driving.
- The driver monitor cannot reduce drowsiness. If you feel unable to concentrate or drowsy, take a break and sleep as necessary in order to ensure safe driving.

■ Warning function

These functions may not operate when the vehicle speed is low.

■ Face identification

Face identification starts when the door is opened then closed.

In face identification, facial traits are digitized and stored in a built-in computer, to be used for identification in My Settings.

- Face image or video are not stored. Voice is not stored either.
- Digitized face information is not used for any purpose other than identification in My Settings. Additionally, face information cannot be decoded and will not be disclosed or provided to a third party.
- Face information can be deleted by yourself.
- For the handling of face information, please consent to the following before using it:
  - Face identification does not guarantee a complete identity authentication, collation, or identification.
  - When face information registration fails frequently or face identification fails frequently, the driver cameras should be cleaned or face information should be registered again.
  - Face information stored in the vehicle computer cannot be decoded or moved to another media. Therefore, it is necessary to register face information again once it is deleted or relevant parts are replaced.
  - Once deleted, face information cannot be restored. It is necessary to register face information again.

■ Situations where face identification may not be performed correctly

This system is designed for use to identify facial traits. In the following situations, face information may not be able to be registered or identified correctly:

- When a part of the driver's face (eyebrows, eyes, nose, or mouth) is not visible
- When the driver is wearing glasses/sun

glasses, a face mask, muffler, etc.

- When the driver is not facing front
- When part of driver's face is covered with hair, beard, a hand, clothes, jewelry, etc.
- When the driver is closing eyes
- When a non-registered driver is a twin, etc. with a registered driver, whose face looks quite alike with each other

■ **Situations in which the driver monitor may not operate properly**

→P.243

Changing Driver monitor settings

The settings of Driver monitor can be changed through customize settings. (→P.506)

PCS (Pre-Collision System)

The pre-collision system uses sensors to detect objects (→P.247) in the path of the vehicle. When the system determines that the possibility of a frontal collision with a detectable 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 collision 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.256)

WARNING

■ **For safe use**

- Driving safely is solely the responsibility of the driver. Pay careful attention to the surrounding conditions in order to ensure safe driving.

Never use the pre-collision system in place of normal braking operations. This system cannot help avoid or reduce the impact of a collision in every situation. Over-reliance on this system to drive the vehicle safely may lead to an accident resulting in death or serious injury.

WARNING

- Although the pre-collision system is designed to help avoid or help reduce the impact of a collision, its effectiveness may change according to various conditions. Therefore, it may not always be able to achieve the same level of performance.

Read the following items carefully. Do not overly rely on this system and always drive carefully.

- For safe use: →P.237

■ When to disable the pre-collision system

- When it is necessary to disable the system: →P.237

Detectable objects

The system can detect the following as detectable objects. (Detectable objects differ depending on the function.)

- Vehicles
- Bicycles*
- Pedestrians
- Motorcycles*
- Walls

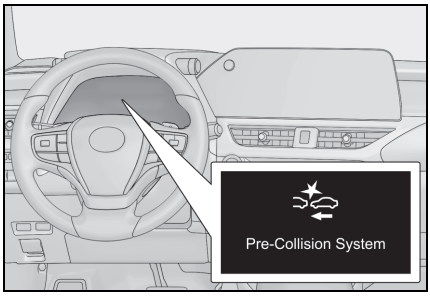
*: Detected as a detectable object only when being ridden.

System functions

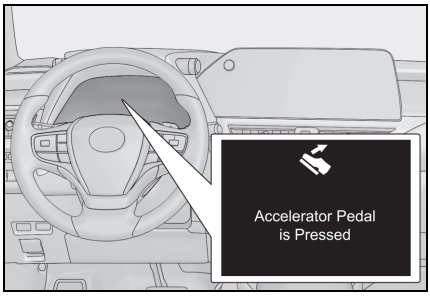
■ Pre-collision warning

When the system determines that the possibility of a collision is high, a buzzer will sound and an icon and warning message will be displayed on the multi-information display to urge the driver to take evasive action.

If the detectable object is a vehicle, moderate braking will be performed with the warning.



If the system determines that the accelerator pedal is strongly depressed, the following icon and message will be displayed on the multi-information display.



■ Pre-collision brake assist

If the system determines that the possibility of a collision is high and the brake operation by the driver is insufficient, the braking power will be increased.

■ Pre-collision brake control

If the system determines that the possibility of a collision is extremely high, the brakes are automatically applied to help avoid the collision or reduce the

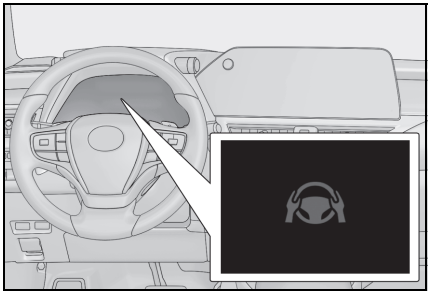
impact of the collision.

■ **Emergency steering assist**

If the system determines that the following conditions are met, assistance will be provided to help enhance vehicle stability and prevent lane departure. During assistance, in addition to the pre-collision warning, the following icon will be displayed on the multi-information display.

- The possibility of a collision is high
- There is sufficient space within the lane to perform evasive steering maneuvers
- The driver is operating the steering wheel

During assistance, the pre-collision warning will operate and a message will be displayed to warn the driver.

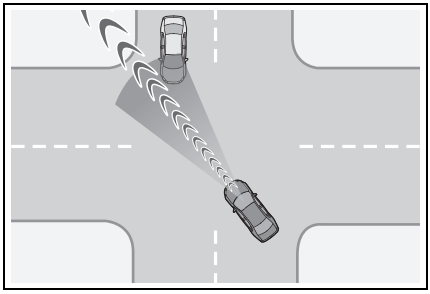


■ **Intersection collision avoidance support (left/right turn)**

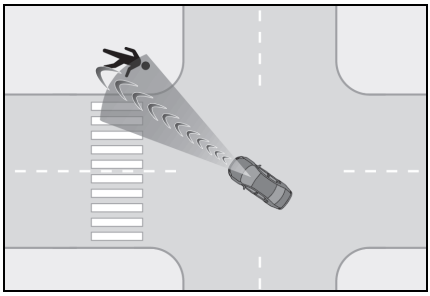
In situations such as the following, if the system determines that the possibility of a collision is high, the pre-collision warning and pre-collision braking will operate.

Depending on the intersection, assistance may not operate correctly.

- When turning left/right at an intersection and crossing the path of an oncoming vehicle



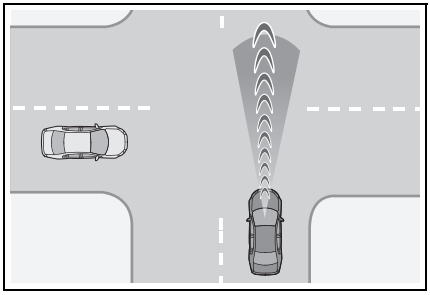
- When turning left/right and a pedestrian or bicycle is detected



■ **Intersection collision avoidance support (crossing vehicles)**

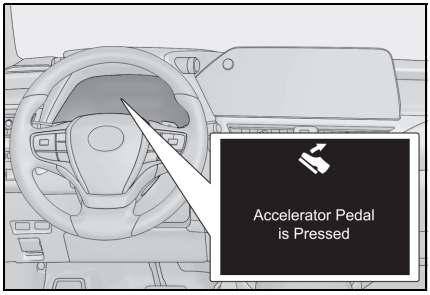
At an intersection, etc., if the system determines that the possibility of a collision with an approaching vehicle or motorcycle is high, the pre-collision warning and pre-collision braking will operate.

Depending on the intersection, assistance may not operate correctly.



■ Acceleration Suppression at Low Speed

When driving at a low speed, if the accelerator pedal is strongly depressed and the system determines that there is a possibility of a collision, hybrid system output will be restrained or the brakes will be applied weakly to restrict acceleration. During operation, a buzzer will sound and the following icon and message will be displayed on the multi-information display.



■ Suspension control (if equipped)

When the system determines that the possibility of a collision is high, the Adaptive Variable Suspension System (→P.324) controls the damping force of the shock absorbers to help maintain an appropriate vehicle posture.

WARNING

■ Pre-collision braking

- When the pre-collision braking function is operating, a large amount of braking force will be applied.
- The pre-collision braking function is not designed to hold the vehicle stopped. If the vehicle is stopped by pre-collision brake control, the driver should operate the brakes immediately 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.
- 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 brake control.

■ Acceleration Suppression at Low Speed

If the steering wheel is being turned, the system may determine that the driver is taking evasive action and possibly prevent the Acceleration Suppression at Low Speed function from operating or possibly causing its operation to be canceled.

■ Emergency steering assist

- The emergency steering assist will be canceled when the system determines that lane departure prevention control has completed.
- Depending on operations performed by the driver, emergency steering assist may not operate or operation may be canceled.

WARNING

- If the accelerator pedal is depressed strongly, the steering wheel is turned heavily, the brake pedal is depressed, or the turn signal lever is operated, the system may determine that the driver is taking evasive action and the emergency steering assist may not operate.
- While the emergency steering assist is operating, if the accelerator pedal is depressed strongly, the steering wheel is turned heavily, or the brake pedal is depressed, the system may determine that the driver is taking evasive action and emergency steering assist operation may be canceled.
- While the emergency steering assist is operating, if the steering wheel is held or turned in the opposite direction of system operation, emergency steering assist operation will be canceled.

■ Operating conditions of each function of the pre-collision system

The pre-collision system is enabled and the system determines that the possibility of a frontal collision with a detected object is high.

However, the system will not operate in the following situations:

- When the vehicle has not been driven a certain amount after a terminal of the 12-volt battery has been disconnected and reconnected
- When the shift position is in R
- When the VSC OFF indicator is illuminated (only the pre-collision warning function will be operational)

The following are the operational speeds and cancelation conditions of each function:

- Pre-collision warning

Detectable objects	Vehicle speed	Relative speed between your vehicle and object
Preceding vehicles, stopped vehicles	Approximately 5 to 180 km/h (3 to 110 mph)	Approximately 5 to 180 km/h (3 to 110 mph)
Oncoming vehicles	Approximately 30 to 180 km/h (20 to 110 mph)	Approximately 80 to 220 km/h (50 to 130 mph)
Bicycles	Approximately 5 to 80 km/h (3 to 50 mph)	Approximately 5 to 80 km/h (3 to 50 mph)

Detectable objects	Vehicle speed	Relative speed between your vehicle and object
Pedestrians	Approximately 5 to 80 km/h (3 to 50 mph)	Approximately 5 to 80 km/h (3 to 50 mph)
Preceding motorcycles, stopped motorcycles	Approximately 5 to 180 km/h (3 to 110 mph)	Approximately 5 to 80 km/h (3 to 50 mph)
Oncoming motorcycles	Approximately 30 to 180 km/h (20 to 110 mph)	Approximately 30 to 180 km/h (20 to 110 mph)

While the pre-collision warning is operating, if the steering wheel is operated heavily or suddenly, the pre-collision warning may be cancelled.

● Pre-collision brake assist

Detectable objects	Vehicle speed	Relative speed between your vehicle and object
Preceding vehicles, stopped vehicles	Approximately 30 to 180 km/h (20 to 110 mph)	Approximately 10 to 180 km/h (7 to 110 mph)
Bicycles	Approximately 30 to 80 km/h (20 to 50 mph)	Approximately 30 to 80 km/h (20 to 50 mph)
Pedestrians	Approximately 30 to 80 km/h (20 to 50 mph)	Approximately 30 to 80 km/h (20 to 50 mph)
Preceding motorcycles, stopped motorcycles	Approximately 30 to 180 km/h (20 to 110 mph)	Approximately 10 to 80 km/h (7 to 50 mph)

● Pre-collision braking

Detectable objects	Vehicle speed	Relative speed between your vehicle and object
Preceding vehicles, stopped vehicles	Approximately 5 to 180 km/h (3 to 110 mph)	Approximately 5 to 180 km/h (3 to 110 mph)
Oncoming vehicles	Approximately 30 to 180 km/h (20 to 110 mph)	Approximately 80 to 220 km/h (50 to 130 mph)
Bicycles	Approximately 5 to 80 km/h (3 to 50 mph)	Approximately 5 to 80 km/h (3 to 50 mph)
Pedestrians	Approximately 5 to 80 km/h (3 to 50 mph)	Approximately 5 to 80 km/h (3 to 50 mph)

Detectable objects	Vehicle speed	Relative speed between your vehicle and object
Preceding motorcycles, stopped motorcycles	Approximately 5 to 180 km/h (3 to 110 mph)	Approximately 5 to 80 km/h (3 to 50 mph)
Oncoming motorcycles	Approximately 30 to 180 km/h (20 to 110 mph)	Approximately 30 to 180 km/h (20 to 110 mph)

If either of the following occur while the pre-collision braking function is operating, it will be canceled:

- The accelerator pedal is strongly depressed
- The steering wheel is operated heavily or suddenly

● Emergency steering assist

The emergency steering assist will not operate when the turn signal lights are flashing.

Detectable objects	Vehicle speed	Relative speed between your vehicle and object
Preceding vehicles, stopped vehicles, bicycles, pedestrians, motorcycles	Approximately 40 to 80 km/h (25 to 50 mph)	Approximately 40 to 80 km/h (25 to 50 mph)

While the emergency steering assist is operating, if any of the following are performed, emergency steering assist operation may be cancelled:

- The accelerator pedal is strongly depressed
- The steering wheel is operated heavily or suddenly
- The brake pedal is depressed

● Intersection collision avoidance support (left/right turn)

The intersection collision avoidance support (for left/right turning vehicles) will not operate when the turn signal lights are not flashing.

Detectable objects	Vehicle speed	Oncoming vehicle speed	Relative speed between your vehicle and object
Oncoming vehicles	Approximately 5 to 40 km/h (3 to 25 mph)	Approximately 5 to 75 km/h (3 to 45 mph)	Approximately 10 to 115 km/h (7 to 70 mph)
Pedestrians	Approximately 5 to 30 km/h (3 to 20 mph)	-	Approximately 5 to 40 km/h (3 to 25 mph)

Detectable objects	Vehicle speed	Oncoming vehicle speed	Relative speed between your vehicle and object
Bicycles	Approximately 5 to 30 km/h (3 to 20 mph)	-	Approximately 5 to 50 km/h (3 to 30 mph)
Oncoming motorcycles	Approximately 5 to 40 km/h (3 to 25 mph)	Approximately 5 to 75 km/h (3 to 45 mph)	Approximately 10 to 115 km/h (7 to 70 mph)

● Intersection collision avoidance support (crossing vehicles)

Detectable objects	Vehicle speed	Crossing vehicle speed	Relative speed between your vehicle and object
Vehicles, Motorcycles (side)	Approximately 5 to 60 km/h (3 to 38 mph)	• Your vehicle speed or less • Approximately 40 km/h or less (25 mph or less)	Approximately 5 to 60 km/h (3 to 38 mph)

● Acceleration Suppression at Low Speed

The Acceleration Suppression at Low Speed function will not operate when the turn signal lights are flashing.

Detectable objects	Vehicle speed	Relative speed between your vehicle and object
Preceding vehicles, stopped vehicles, Pedestrians, Bicycles, Wall	Approximately 0 to 15 km/h (0 to 9 mph)	Approximately 0 to 15 km/h (0 to 9 mph)

While the Acceleration Suppression at Low Speed function is operating, if any of the following are performed, the low speed sudden acceleration suppression function operation will be cancelled:

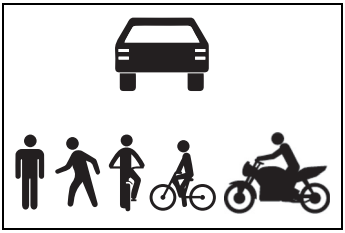
- The accelerator pedal is released.
- The steering wheel is operated heavily or suddenly

■ **Detection of detectable objects**

Objects are detected based on their size, shape, and movement.

Depending on the ambient brightness, movement, posture and direction of a detectable object, it may not be detected and the system may not operate properly.

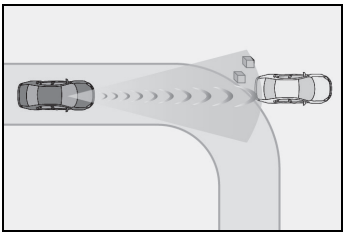
The system detects shapes, such as the following, as detectable objects.



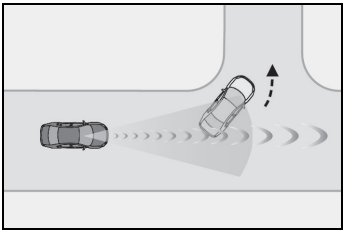
■ **Situations in which the system may operate even though the possibility of a collision is not high**

● In certain situations, such as the following, the system may determine that the possibility of a collision is high and operate:

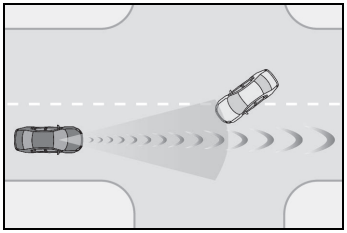
- When passing a detectable object
- When changing lanes while overtaking a detectable object
- When suddenly approaching a detectable object
- When approaching a detectable object or other object on the roadside, such as guardrails, utility poles, trees, walls, etc.
- When there is a detectable object or other object by the roadside at the entrance of a curve



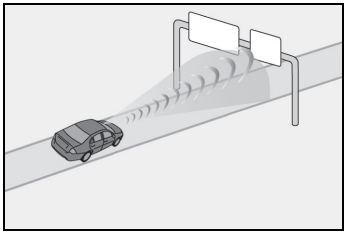
- When there are patterns or a painting ahead of the vehicle that may be mistaken for a detectable object
- When passing a detectable object that is changing lanes or turning left/right



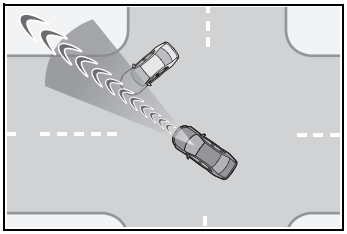
- When passing a detectable object which is stopped to make a left/right turn



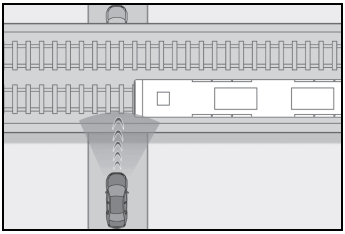
- When a detectable object stops immediately before entering the path of the vehicle
- When passing through a location with a structure above the road (traffic sign, billboard, etc.)



- When approaching an electric toll gate barrier, parking lot barrier, or other barrier that opens and closes
- When turning left/right and an oncoming vehicle, oncoming motorcycle, pedestrian or bicycle crosses in front of the vehicle
- When attempting to turn left/right in front of an oncoming vehicle, oncoming motorcycle, pedestrian or bicycle
- When turning left/right and an oncoming vehicle, oncoming motorcycle, pedestrian or bicycle stops or changes course immediately before entering the path of the vehicle
- When turning left/right and an oncoming vehicle turns left/right in front of the vehicle



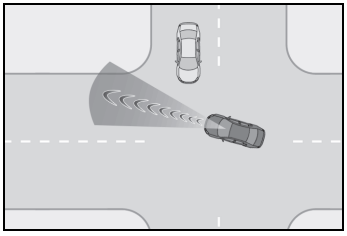
- When the steering wheel is operated toward the path of an oncoming vehicle
- When there is an object moving above or under the road



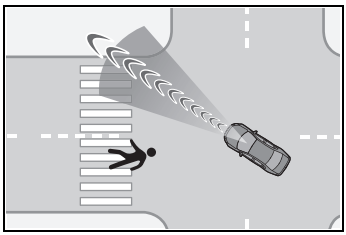
■ **Situations in which the system may not operate properly**

● In certain situations, such as the following, a detectable object may not be detected by the front sensors, and the system may not operate properly:

- When a detectable object is approaching your vehicle
- When your vehicle or a detectable object is wandering
- When a detectable object makes an abrupt maneuver (such as sudden swerving, acceleration or deceleration)
- When suddenly approaching a detectable object
- When the detectable object is near a wall, fence, guardrail, manhole cover, steel plate on the road surface, or another vehicle
- When there is a structure above a detectable object
- When part of a detectable object is hidden by another object (large luggage, umbrella, guardrail, etc.)
- When multiple detectable objects are overlapping
- When a bright light, such as the sun, is reflecting off of a detectable object
- When a detectable object is white and looks extremely bright
- When the color or brightness of a detectable object causes it to blend in with its surroundings
- When a detectable object cuts in front of or suddenly emerges in front of your vehicle
- When approaching a vehicle which is diagonal
- If a bicycle is a child sized bicycle, is carrying a large load, is carrying an extra passenger, is carrying a forward leaning rider, or has an unusual shape (bicycles equipped with a child seat, tandem bicycles, etc.)
- If a pedestrian or bicycle is shorter than approximately 1 m (3.2 ft.) or taller than approximately 2 m (6.5 ft.).
- When the silhouette of a pedestrian or bicycle is unclear (such as when they are wearing a raincoat, long skirt, etc.)
- When a pedestrian is bending forward or squatting
- When a pedestrian or bicycle is moving at high speed
- When a pedestrian is pushing a stroller, wheelchair, bicycle or other vehicle
- When a detectable object blends in with the surrounding area, such as when it is dim (at dawn or dusk) or dark (at night or in a tunnel)
- When the vehicle has not been driven for a certain amount of time after the hybrid system was started
- While turning left/right or a few seconds after turning left/right
- While driving around a curve and a few seconds after driving around a curve
- When turning left/right and an oncoming vehicle is driving in a lane 3 or more lanes from the vehicle
- When turning left/right and the direction of the vehicle differs greatly from the direction traffic flows in the oncoming lane



- When turning left/right, a pedestrian or bicycle behind the vehicle comes in front of it as if it overtakes the vehicle



- When at an intersection, the approaching crossing vehicle is long in overall length, such as a large truck, towing trailer, etc.

● In addition to the preceding, in certain situations, such as the following, the emergency steering assist may not operate properly:

- When a detectable object is too close to the vehicle
- When there is insufficient space to perform evasive steering maneuvers or an obstruction exists in the evasion direction
- When there is an oncoming vehicle

● In addition to the preceding, in certain situations, such as the following, walls may not be detected as a target object and the Acceleration Suppression at Low Speed function may not operate properly:

- When scenery behind the wall is visible, such as a glass door, grid fence, etc.
- When the wall is slanted or low
- When the wall is narrow, such as a pole, etc.
- When the wall is made of plants, such as a hedge, etc.
- When the road, etc. is reflected on the wall
- When the vehicle is approaching the wall at an angle

Changing the pre-collision setting

● The pre-collision system can be enabled/disabled through a customize setting. (→P.504)

The system is enabled each time the power switch is turned to ON.

● When the system is disabled, the PCS warning light will illuminate and a message will be displayed on the multi-information display.

● The pre-collision setting can be changed on the customize settings. (→P.504)

● When the pre-collision warning timing is changed, the emergency steering assist timing will also be changed.
When "Later" is selected, the emergency steering assist will not operate in most cases.

● Vehicles with driver monitor camera: When the system determines that the driver is not facing forward, the pre-collision warning and emergency steering assist will operate at the "Earlier" timing, regardless of the user setting.

● When the dynamic radar cruise control is operating, the pre-collision warning will operate at the "Earlier" timing, regardless of the user setting.

LTA (Lane Tracing Assist)

LTA functions

- When driving on a road with clear lane lines with the dynamic radar cruise control operating, lane lines and preceding and surrounding vehicles are detected using the front camera and radar sensor, and the steering wheel is operated to maintain the vehicle's lane position.

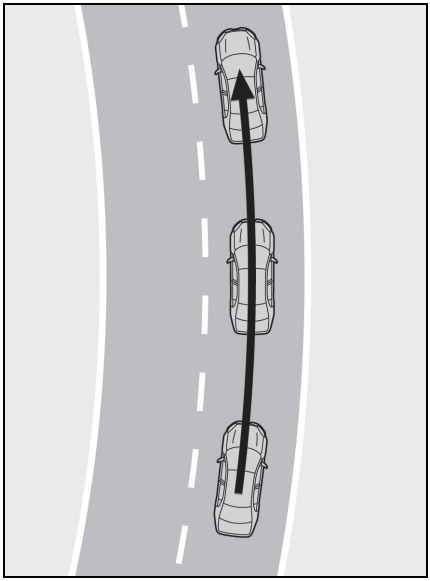
Use this function only on highways and expressways.

If the dynamic radar cruise control is not operating, the function will not operate.

In situations where the lane lines are difficult to see or are not visible, such as when in a traffic jam, support will be provided using the path of preceding and surrounding vehicles.

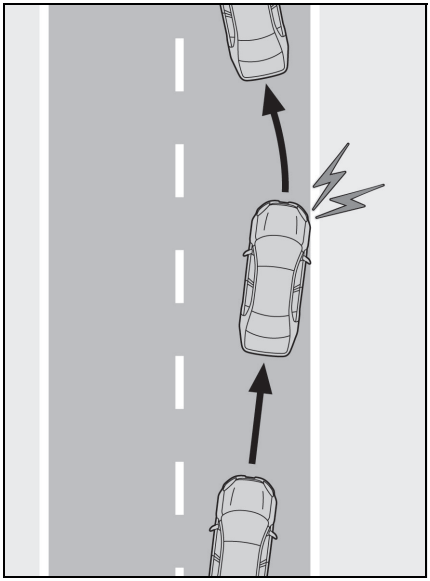
If the system determines that the steering wheel has not been operated for a certain amount of time or the steering wheel is not being firmly gripped, the driver will be alerted and this function will be temporarily canceled.

If the steering wheel is firmly gripped, the function will begin operating again.



- When the function is operating, if the vehicle is likely to depart from its lane, the driver will be alerted via a display and buzzer.

When the buzzer sounds, check the area around the vehicle and carefully operate the steering wheel to move the vehicle back to the center of the lane.



WARNING

■ **Before using the LTA system**

- Do not overly rely on the LTA system. The LTA system is not a system which provides automated assistance in driving and it is not a system which reduces the amount of attention necessary for safe driving. The driver is solely responsible for paying attention to their surroundings and operating the steering wheel as necessary to ensure safety. Also, the driver is responsible for taking adequate breaks when fatigued, such as when driving for a long time.
- Failure to perform appropriate driving operations and pay careful attention may lead to an accident.
- When not using the LTA system, turn it off using the LTA switch.

■ **Operating conditions of function**

This function is operable when all of the following conditions are met:

- The LTA system detects lane lines or the path of preceding or surrounding vehicles.
- The dynamic radar cruise control is operating.
- The lane width is approximately 3 to 4 m (10 to 13 ft.).
- The turn signal lever is not being operated.
- The vehicle is not being driven around a sharp curve.
- The vehicle is not accelerating or decelerating more than a certain amount.
- The steering wheel is not being turned with a large force.
- The hands off steering wheel warning (→P.259) is not operating.
- The vehicle is being driven in the center of a lane.

■ **Temporary cancelation of functions**

- When the operating conditions are no longer met, a function may be temporarily canceled. However, when the operation conditions are met again, operation of the function will automatically be restored. (→P.258)
- If the operating conditions of a function are no longer met while the function is operating, a buzzer may sound to indicate that the function has been temporarily canceled.
- The steering assist operation of the function can be overridden by the steering wheel operation of the driver.

■ **Lane departure warning function when the LTA is operating**

- Even if the LDA warning method is changed to vibration of the steering wheel, if the vehicle deviates from the lane while the LTA is operating, the warning buzzer will sound to alert the driver.
- If steering wheel operation equivalent to that necessary for a lane change is detected, the system will determine the vehicle is not deviating from the lane and the warning will not operate.

■ **Hands off steering wheel warning operation**

● When the system determines the driver is not holding the steering wheel, a message urging the driver to grip the steering wheel and the icon shown in the illustration will be displayed on the multi-information display to warn the driver. If the system detects that the steering wheel is held, the warning will be canceled. When using the system, make sure to grip the steering wheel firmly, regardless of whether the warning is operating or not.



● If no operations are detected for a certain amount of time, the warning will operate and the function will be temporarily canceled. This warning may also operate if the driver only operates steering wheel a small amount continuously.

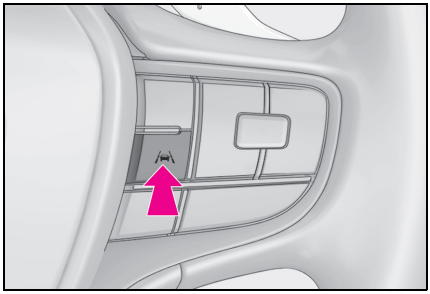
■ **Situations in which the hands off steering wheel warning may not operate properly**

● Depending on the condition of the vehicle, handle control condition and road surface, the warning function may not operate.

Enabling/disabling the system

The LTA will change between ON/OFF each time the LTA switch is pressed.

When the LTA is ON, the LTA indicator will illuminate.

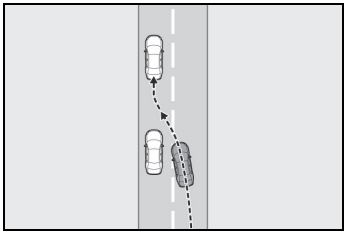


WARNING

■ **Situations in which the functions may not operate properly**

In the following situations, the functions may not operate properly and the vehicle may depart from its lane. Do not overly rely on these functions. The driver is solely responsible for paying attention to their surroundings and operating the steering wheel as necessary to ensure safety.

● When a preceding or surrounding vehicle changes lanes (Your vehicle may follow the preceding or surrounding vehicle and also change lanes)



● When a preceding or surrounding vehicle is swaying (Your vehicle may sway accordingly and depart from the lane)

● When a preceding or surrounding vehicle departs from a lane (Your vehicle may follow the preceding or surrounding vehicle and also depart from the lane)

WARNING

- When a preceding or surrounding vehicle is being driven extremely close to the left/right lane line (Your vehicle may follow the preceding or surrounding vehicle accordingly and depart from the lane)
- When there are moving objects or structures in the surrounding area (Depending on the position of the moving object or structure relative to your vehicle, your vehicle may sway)
- When the vehicle is struck by a cross-wind or the turbulence of other nearby vehicles
- Situations in which the sensors may not operate properly: →P.242
- Situations in which the lane may not be detected: →P.243
- When it is necessary to disable the system: →P.237

Operation display of steering wheel operation support

The operating state of the LTA system is indicated.

Indicator	Lane display	Steering icon	Situation
 White	 Gray/White	 Gray	LTA is on standby
 Green	 Green	 Green	LTA is operating
 Yellow Flashing	 Yellow Flashing	 Green	The vehicle is departing the lane toward the side which the lane display is flashing

LDA (Lane Departure Alert)

Basic functions

The LDA 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*.

The front camera is used to detect lane lines or a course*.

*: Boundary between the asphalt and grass, soil, etc., or structures, such as a curb, guardrail, etc.

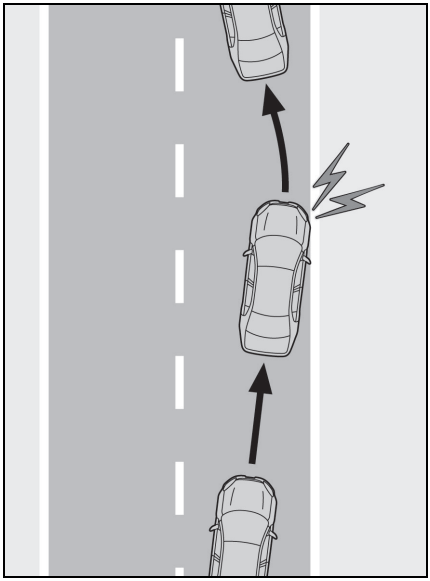
■ Lane departure alert function

When the system determines that the vehicle might depart from its lane or course*, a warning is displayed on a display, and either a warning buzzer will sound or the steering wheel will vibrate to alert the driver.

Check the area around your vehicle and carefully operate the steering wheel to move the vehicle back to the center of the lane or course*.

Vehicles with BSM: If the system determines that the vehicle may collide with a vehicle in an adjacent lane, the lane departure alert will operate even if the turn signals are operating.

*: Boundary between the asphalt and grass, soil, etc., or structures, such as a curb, guardrail, etc.



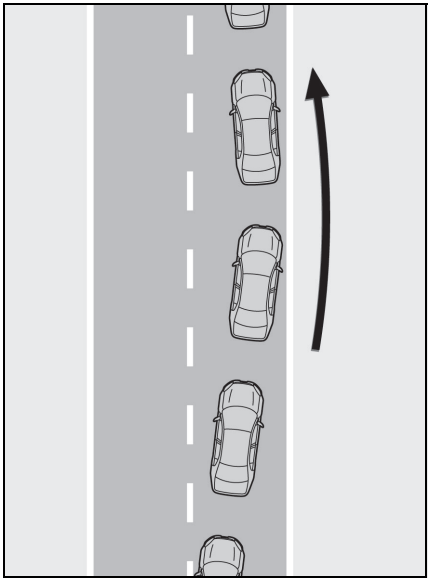
■ Lane departure prevention function

If the system determines that the vehicle is likely to depart from its lane or course*, it provides assistance through steering wheel operations to help avoid deviation from the lane or course.

If the system determines that the steering wheel has not been operated for a certain amount of time or the steering wheel is not being firmly gripped, a warning message may be displayed and a warning buzzer may sound to alert the driver.

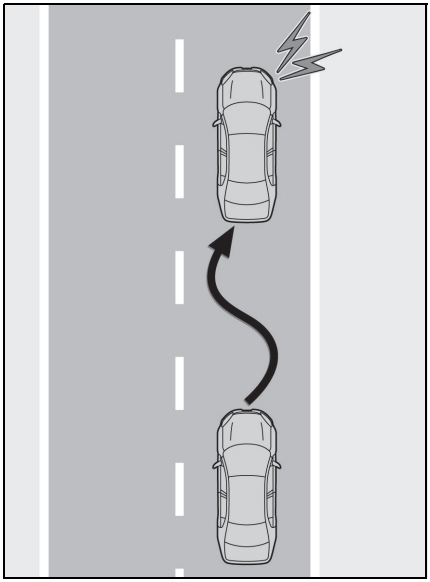
Vehicles with BSM: If the system determines that the vehicle may collide with a vehicle in an adjacent lane, the lane departure prevention function will operate even if the turn signals are operating.

*: Boundary between the asphalt and grass, soil, etc., or structures, such as a curb, guardrail, etc.



Break suggestion function

If the vehicle is swaying, a message will be displayed and a buzzer will sound to urge the driver to take a break.



WARNING

Before using the LDA system

- Do not overly rely on the LDA system. The LDA system is not a system which provides automated assistance in driving and it is not a system which reduces the amount of attention necessary for safe driving. The driver is solely responsible for paying attention to their surroundings and operating the steering wheel as necessary to ensure safety. Also, the driver is responsible for taking adequate breaks when fatigued, such as when driving for a long time.
- Failure to perform appropriate driving operations and pay careful attention may lead to an accident.

Operating conditions of each function

- Lane departure alert/prevention function

This function is operable when all of the following conditions are met:

- The vehicle speed is approximately 50 km/h (30 mph) or more.

Operation may be possible when the vehicle speed is approximately 40 km/h (25 mph) or more if vehicles, motorcycles, bicycles, or pedestrians are detected near the lane.

- The system recognizes a lane or course*. (When recognized on only one side, the system will operate only for the recognized side.)
- The lane width is approximately 3 m (9.8 ft.) or more.
- The turn signal lever is not being operated.

(Vehicles with BSM: Except when a vehicle is detected in the direction that the turn signal lever is operated.)

- The vehicle is not being driven around a sharp curve.
- The vehicle is not accelerating or decelerating more than a certain amount.

- The steering wheel is not being turned sufficiently to perform a lane change.
- When the VSC or TRC system is not turned off

*: Boundary between the asphalt and grass, soil, etc., or structures, such as a curb, guardrail, etc.

■ Temporary cancellation of functions

When the operating conditions are no longer met, a function may be temporarily canceled. However, when the operation conditions are met again, operation of the function will automatically be restored. (→P.262)

■ Operation of the lane departure alert function/lane departure prevention function

- Depending on the vehicle speed, road conditions, lane departure angle, etc., operation of the lane departure prevention function may not be felt or the function may not operate.
- Depending on the conditions, the warning buzzer may operate even if vibration is selected through a customize setting.
- If a course* is not clear or straight, the lane departure alert function or lane departure prevention function may not operate.
- The lane departure alert function or lane departure prevention function may not operate if the system judges that the vehicle is intentionally being steered to avoid a pedestrian or parked vehicle.
- Vehicles with BSM: It may not be possible for the system to judge if there is danger of a collision with a vehicle in an adjacent lane.
- Vehicles with driver monitor camera: Depending on the driver condition, the lane departure alert function or lane departure prevention function changes the timing of operation.
- The steering assist operation of the lane departure prevention function can be overridden by the steering wheel operation of the driver.

*: Boundary between the asphalt and grass, soil, etc., or structures, such as a curb, guardrail, etc.

■ Hands off steering wheel warning operation

In the following situations, a message urging the driver to operate the steering wheel and an icon will be displayed and a buzzer will sound to warn the driver. When using the system, make sure to grip the steering wheel firmly, regardless of whether the warning is operating or not.



- When the system determines that the driver is not securely holding the steering wheel, or the steering wheel is not being operated when the steering assist operation of the lane departure prevention function is operating

The length of time that the warning buzzer operates will become longer as the frequency of the steering assist operating increases. Even if the system judges that the steering wheel has been operated, the warning buzzer will sound for a certain amount of time.

■ Break suggestion function

This function is operable when all of the following conditions are met:

- The vehicle speed is approximately 65 km/h (40 mph) or more.
- The lane width is approximately 3 m (9.8 ft.) or more.

Depending on the condition of the vehicle and road surface, the break suggestion function may not operate.



Press the meter control switch to turn off the message.

Unless is pressed, the message of the break suggestion function will remain displayed.

Changing LDA settings

- The LDA system can be enabled/disabled through a customize setting. (→P.504)
- The settings of the LDA can be changed on the customize settings. (→P.504)
- Vehicles with driver monitor camera: When the system determines that the driver is tired, the lane departure warning function will operate at the "Earlier" timing, regardless of the customized setting. Also, this setting will be kept until the power switch is turned off.

WARNING

■ Situations in which the system may not operate properly

In the following situations, the system may not operate properly and the vehicle may depart from its lane. Do not overly rely on these functions. The driver is solely responsible for paying attention to their surroundings and operating the steering wheel as necessary to ensure safety.

- When the boundary between the asphalt and grass, soil, etc., or structures, such as a curb, guardrail, etc. is not clear or straight
- When the vehicle is struck by a crosswind or the turbulence of other nearby vehicles
- Situations in which the lane may not be detected: →P.243
- Situations in which the sensors may not operate properly: →P.242
- Situations in which some or all of the functions of the system cannot operate: →P.243
- When it is necessary to disable the system: →P.237

Displays and system operation

The operating state of the lane departure alert function and steering assist operation of the lane departure prevention function are indicated.

Indicator	Lane display	Steering icon	Situation
 Yellow Illuminated	Not illuminated	Not illuminated	System disabled
Not illuminated	 Gray	Not illuminated	Lane lines are not detected by the system
Not illuminated	 White	Not illuminated	Lane lines are detected by the system
 Yellow Flashing	 Yellow Flashing	Not illuminated	Lane departure alert function is operating for the side which the lane display is flashing
 Green	 Green	 Green	Lane departure prevention function is operating for the side which the lane display is illuminated
 Yellow Flashing	 Yellow Flashing	 Green	Lane departure alert function/lane departure prevention function is operating for the side which the lane display is flashing

PDA (Proactive driving assist)*

*: If equipped

When a detectable object (→P.266) is detected, the proactive driving assist operates the brakes and steering wheel to help prevent the vehicle from approaching too close to the object.

⚠ WARNING

■ For safe use

Driving safely is solely the responsibility of the driver.

- The proactive driving assist is designed to provide some assistance for regular braking and steering operations, as well as helping to prevent the vehicle from approaching too close to a detectable object. However, the scope of this assistance is limited.

The driver should perform brake and steering operations as necessary. Read the following items carefully. Do not overly rely on the proactive driving assist and always drive carefully. (→P.268)

- The proactive driving assist is not a system which reduces the amount of attention necessary for safe driving. Even if the system is operating correctly, the surrounding conditions as recognized by the driver and detected by the system may differ. It is necessary for the driver to pay attention, assess risks, and ensure safety. Over-reliance on this system to drive the vehicle safely may lead to an accident resulting in death or serious injury.
- Proactive driving assist is not a system which allows for inattentive driving and is not a system which assists in poor visibility conditions. The driver is solely responsible for paying attention to their surroundings and driving safely.

■ When turning proactive driving assist off

- Situations in which the sensors may not operate properly: →P.242
- When it is necessary to disable the system: →P.237

System operating conditions and detectable objects

According to the driving conditions, the operation and detectable objects of the

proactive driving assist will change as follows.

Function	Conditions	Operation	Detectable objects
Obstacle Anticipation Assist (OAA)	A detectable object is detected crossing the road	Assistance with some brake operations is provided in order to reduce the possibility of a collision.	• Pedestrians • Bicyclists
	A detectable object is detected on the side of the road	Assistance with some brake and steering wheel operations are provided according to the surrounding conditions to help prevent the vehicle from approaching too close to a detected object.	• Pedestrians • Bicyclists • Parked vehicles
		Assistance with steering wheel operations is provided within a range that the vehicle will not deviate from its current lane.	
Deceleration Assist (DA)	A preceding vehicle or an adjacent vehicle cutting in front of the vehicle is detected	The vehicle is gently decelerated so that the vehicle-to-vehicle distance will not be excessively short.	• Preceding vehicles • Motorcycles
	A curve is detected ahead of the vehicle	The vehicle is gently decelerated if the vehicle speed is determined to be too high for the curve ahead.	None
Steering Assist (SA)	Lane is detected	The system anticipates the driver's operation and supports the operation of the steering wheel.	None

■ **Vehicle speeds at which the system can operate**

● Detectable object crossing the road assistance

Approximately 30 to 60 km/h (20 to 35 mph)

● Detectable object on the side of the road assistance

Approximately 30 to 60 km/h (20 to 35 mph)

● Preceding vehicle deceleration assistance

Approximately 20 km/h (15 mph) or more

● Curve deceleration assistance

Approximately 20 km/h (15 mph) or more

● Steering assist within a lane

Approximately 10 to 140 km/h (5 to 80 mph)

■ **System operation will be canceled when**

● In the following situations, system operation will be canceled:
- When the dynamic radar cruise control or cruise control is operating
- When the PCS is off
- Situations in which some or all of the functions of the system cannot operate: →P.243
- When the P, R or N shift position is selected
- The driver's seat belt is unfastened

● In the following situations, the brake operation assist will be canceled:
- Approximately 15 km/h (9 mph) or less
- When a certain vehicle speed has been reached, as judged by the system, according to the surrounding conditions

● In the following situations, system operation may be canceled:
- When the brake control or output restriction control of a driving support system operates (For example: PCS, drive-start control)
- When the system determines that a detected object has moved away from the vehicle
- When lane lines can no longer be detected
- When the brake pedal has been depressed
- When the accelerator pedal has been depressed
- When the steering wheel has been operated with more than a certain amount of force
- When the turn signal lever is operated to the left/right turn position

WARNING

■ **Situations in which the system may not operate properly**

● Situations in which the lane may not be detected: →P.243

● When a detectable object stops immediately before entering the path of the vehicle

● When passing extremely close to a detectable object behind a guardrail, fence, etc.

● When changing lanes while overtaking a detectable object

● When passing a detectable object that is changing lanes or turning left/right

● When there are objects (guardrails, power poles, trees, walls, fences, poles, traffic cones, mailboxes, etc.) in the surrounding area

● When there are patterns or a painting ahead of the vehicle that may be mistaken for a detectable object

● When passing through a place with a low structure above the road (tunnel with a low ceiling, traffic sign, signboard, etc.)

● When driving on snowy, icy, or rutted roads

● When a detectable object is approaching your vehicle

WARNING

- When your vehicle or a detectable object is wandering
- When the movement of a detectable object changes (change in direction, sudden acceleration or deceleration, etc.)
- When suddenly approaching a detectable object
- When a preceding vehicle or motorcycle is not directly in front of your vehicle
- When there is a structure above a detectable object
- When part of a detectable object is hidden by another object (large luggage, umbrella, guardrail, etc.)
- When multiple detectable objects are overlapping
- When a bright light, such as the sun or headlights of another vehicle, is reflecting off of the detectable object
- When the detectable object is white and looks extremely bright
- When the color or brightness of the detectable object causes it to blend in with its surroundings
- When a detectable object cuts in front of or emerges from beside a vehicle
- When approaching a vehicle ahead which is perpendicular or at an angle to the vehicle, or is facing the vehicle
- If a parked vehicle is perpendicular or at an angle to the vehicle
- When a bicycle is a child sized bicycle, is carrying a large load, is carrying an extra passenger, or has an unusual shape (bicycles equipped with a child seat, tandem bicycles, etc.)
- When a pedestrian or bicyclist is shorter than approximately 1 m (3.2 ft.) or taller than approximately 2 m (6.5 ft.)
- When the silhouette of a pedestrian or bicyclist is unclear (such as when they are wearing a raincoat, long skirt, etc.)
- When a pedestrian or bicyclist is bending forward or squatting
- When a pedestrian or bicyclist is moving at high speed
- When a pedestrian is pushing a stroller, wheelchair, bicycle or other vehicle
- When a detectable object blends in with the surrounding area, such as when it is dim (at dawn or dusk) or dark (at night, in a tunnel, etc.)
- When the lane width is 4 m (13.1 ft.) or more
- When the lane width is 2.5 m (8.2 ft.) or less
- When the vehicle has not been driven for a certain amount of time after the hybrid system was started
- While turning left or right or a few seconds after turning left or right
- While changing lanes or a few seconds after changing lanes
- When entering a curve, driving around a curve and a few seconds after driving around a curve

Changing proactive driving assist settings

- The proactive driving assist can be enabled/disabled through a customize setting. (→P.505)
- The following settings of the proac-

tive driving assist can be changed through customize settings. (→P.505)

System operation display

Depending on the situation, the following indicators or icons will be displayed.

Some icons cannot be displayed unless the display is changed to the driving safety support function information screen.

Icon	Meaning
	• White: Monitoring for detectable objects • Green: Detectable object crossing the road or detectable object on the side of the road assistance operating
	A pedestrian has been detected as crossing the road or on the side of the road and brake or steering assistance is operating
 	A vehicle has been detected on the side of the road and brake or steering operation assistance is being performed
	• Steering operation assistance is being performed to prevent the vehicle from approaching too close to a detectable object on the side of the road • When the steering assist is operating
	Preceding vehicle deceleration assistance is being performed
	Warning to maintain appropriate vehicle-to-vehicle distance
	Curve deceleration assistance is being performed

■ **Hands off steering wheel warning operation**

In the following situations, a message urging the driver to grip the steering wheel and the icon shown in the illustration will be displayed on the display to warn the driver. If the system detects that the steering wheel is held, the warning will be canceled. When using the system, make sure to grip the steering wheel firmly, regardless of whether the warning is operating or not.



- When assistance to a detectable object crossing the road or assistance to a detectable object on the side of the road is performed and the system determines the driver is not holding the steering wheel

If no operations are detected for a certain amount of time, a buzzer will sound, the warning will operate. This warning may also operate if the driver only operates steering wheel a small amount continuously.

■ **Warning operation after preceding vehicle deceleration assistance has ended**

After preceding vehicle deceleration assistance has ended, if the driver does not operate the brake pedal or accelerator pedal and the vehicle approaches the preceding vehicle, the display will flash and a buzzer will sound to urge the driver to decelerate. If the system determines that the driver is operating the brake pedal or accelerator pedal, the warning will be canceled.



RSA (Road Sign Assist)*

*: If equipped

The RSA system detects specific road signs using the front camera and/or navigation system (when speed limit information is available) and warns the driver via displays and buzzers.

Vehicles with connected navigation (with built-in navigation system): In order to maintain performance of the speed limit display function, it is necessary to update map data* on a regular basis.

*: For details about updates, refer to the separate "MULTIMEDIA OWNER'S MANUAL".

WARNING

■ For safe use

- Regardless of the availability of RSA display/buzzer, including conditional speed limit alert, it is the driver who is solely responsible for driving safely and abiding by the regulations. Therefore, do not overly rely on this system. The driver is solely responsible for paying attention to the vehicle's surroundings and driving safely.
- Do not rely solely upon the RSA. The RSA assists the driver by providing road sign information, but it is not a replacement for the driver's own vision and awareness. Driving safely is solely the responsibility of the driver. Pay careful attention to the surrounding conditions in order to ensure safe driving.

■ Situations in which the RSA should not be used

When it is necessary to disable the system: →P.237

■ Situations in which the system may not operate properly

Situations in which the sensors may not operate properly: →P.242

Display Function

- When the front camera detects a sign or information of a sign is available from the navigation system, the sign will be displayed on the display.
- Multiple signs can be displayed.

Depending on the specifications of the vehicle, the number of displayed signs may be limited.

■ Operating conditions of sign display

Signs will be displayed when the following conditions are met:

- The system has detected a sign

In the following situations, a displayed sign may stop being displayed:

- When a new sign has not been detected for a certain distance
- When the system determines that the road being driven on has changed, such as after a left or right turn

■ Situations in which the display function may not operate properly

In the following situations, the RSA system may not operate properly and may not detect signs or may display the incorrect sign. However, this does not indicate a malfunction.

- When a sign is dirty, faded, tilted or bent
- When the contrast of an electronic sign is low
- When all or part of a sign is hidden by a

tree, utility pole, etc.

- When a sign is detected by the front camera for a short amount of time
- When the driving state (turning, changing lanes, etc.) is judged incorrectly
- When a sign is immediately after a freeway junction or in an adjacent lane just before merging
- When stickers are attached to the rear of a preceding vehicle
- When a sign similar to a system compatible sign is detected as a system compatible sign
- When a speed limit sign for a frontage road is within detection range of the front camera
- When driving around a roundabout
- When a sign intended for trucks, etc. is detected
- When a sign has a supplemental sign (end point, day of week, time of day, etc.)
- When there is a sign within a traffic restricted area, such as a roadworks area
- When the vehicle is driven in a country with a different direction of traffic
- When the navigation system map data is out of date
- When the navigation system cannot be used

In this case, the speed limit signs displayed on the multi-information display and navigation system display may differ.

Notification function

In the following situations, the RSA system will output a warning to notify the driver.

- If the vehicle speed exceeds the speed warning threshold of the speed limit sign displayed on the display, the sign display will be emphasized and a buzzer will sound.

Also when the limit speed to be displayed is changed due to the change of driving zones, etc., the sign display will be emphasized and a buzzer will sound* to alert the driver.*

*: The availability of emphasized display and buzzer depends on the country where the vehicle is available.

- When the RSA system detects a no-entry sign and determines that the vehicle has entered the no-entry area based on the map information of the navigation system, the no-entry sign displayed on the multi-information display will flash and a buzzer will sound. (Vehicles with navigation system)

Operating conditions of the notification functions

- Excess speed notification function

This function will operate when the following condition is met:

- A speed limit road sign is recognized by the system.

- No entry notification function

This function will operate when all of the following conditions are met:

- More than one no entry road signs are recognized by the system simultaneously.
- The vehicle is passing between no entry road signs recognized by the system.
- The vehicle is equipped with an on-board navigation system.

Types of road signs supported

- The following types of road signs can be displayed.

However, non-standard or recently introduced traffic signs may not be displayed.

- Speed limit road signs*



Speed limit begins/Maximum speed zone begins



Speed limit ends/Maximum speed zone ends

*: No speed limit information (– –) is displayed when neither speed limit road sign nor speed limit related information is available.

- Speed limit related information*1, 2



Motorway



Motorway exit



Expressway



Expressway exit



Urban area beginning



Urban area ending



Residential area beginning



Residential area ending

*1: Displayed when a sign is detected but speed limit information for the road is not available from the navigation system.

*2: No speed limit information (– –) is displayed when neither speed limit road sign nor speed limit related information is available.

- No overtaking road signs



No overtaking begins



No overtaking ends

- Other road signs



No-entry



End of prohibition



Stop



Warning

- Speed limit with supplemental mark*1



Ice



Supplemental mark exists*2



Exit ramp on right


Exit ramp on left


Time

*1: Displayed simultaneously with a speed limit sign.

*2: Content not recognized.

- Depending on the specifications of the vehicle, signs may be displayed overlapping.


Duplicate display example

Changing RSA settings

- The following settings of the RSA can be changed through customize settings. (→P.505)

The system and some functions are enabled each time the power switch is turned to ON in certain countries.

Dynamic radar cruise control

This dynamic radar cruise control detects the presence of vehicles ahead, determines the current vehicle-to-vehicle distance, and operates to maintain a suitable distance from the vehicle ahead. The desired vehicle-to-vehicle distance can be set by operating the vehicle-to-vehicle distance switch.

Use the dynamic radar cruise control only on highways and expressways.

WARNING

■ For safe use

- Driving safely is solely the responsibility of the driver. Do not overly rely on this system, and pay careful attention to the surrounding conditions in order to ensure safe driving.
- The dynamic radar cruise control provides driving assistance to reduce the driver's burden. However, there are limitations to the assistance provided.

Read the following items carefully. Do not overly rely on this system and always drive carefully.

Conditions under which the system may not operate correctly: →P.281

- Set the speed appropriately according to the speed limit, traffic flow, road conditions, weather conditions, etc. The driver is responsible for confirming the set speed.

WARNING

- Even if the system is operating correctly, the condition of a preceding vehicle as recognized by the driver and detected by the system may differ. Therefore, it is necessary for the driver to pay attention, assess risks, and ensure safety. Over-reliance on this system to drive the vehicle safely may lead to an accident resulting in death or serious injury.

■ Precautions for the driving assist systems

Observe the following precautions, as there are limitations to the assistance provided by the system. Over-reliance on this system may lead to an accident resulting in death or serious injury.

- Details of support provided for the driver's vision

The dynamic radar cruise control is only intended to help the driver in determining the distance between the driver's own vehicle and a designated preceding vehicle. It is not a system which allows for careless or inattentive driving, and is not a system which assists in poor visibility conditions.

The driver must pay attention to their surroundings, even when the vehicle stops.

- Details of support provided for the driver's judgement

The dynamic radar cruise control determines whether the distance between the driver's own vehicle and a designated preceding vehicle 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.

- Details of support provided for the driver's operation

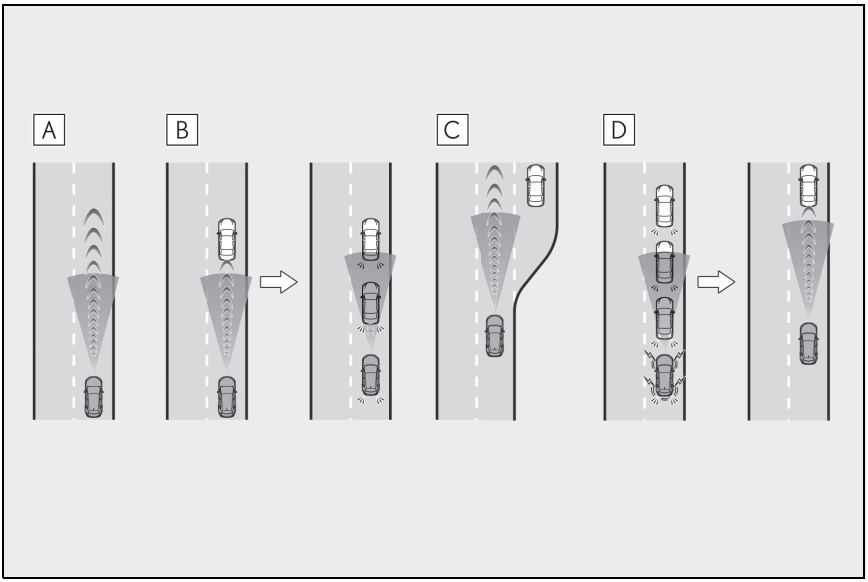
The dynamic radar cruise control does not include functions which will prevent or avoid collisions with vehicles ahead of your vehicle. Therefore, if there is ever any possibility of danger, the driver must take immediate and direct control of the vehicle and act appropriately in order to ensure safety.

■ Situations in which the dynamic radar cruise control should not be used

Do not use the dynamic radar cruise control in the following situations. As the system will not be able to provide appropriate control, using it may lead to an accident resulting in death or serious injury.

- Roads where there are pedestrians, cyclists, etc.
- When driving on a highway or expressway entrance or exit
- When the approach warning sounds frequently
- Situations in which the sensors may not operate properly: →P.242
- When it is necessary to disable the system: →P.237

Basic functions



A Constant speed cruising:
When there are no vehicles ahead

The vehicle drives at the speed set by the driver.

If the set vehicle speed is exceeded while driving down a hill, the set vehicle speed display will blink and a buzzer will sound.

B Deceleration and follow-up cruising
When a preceding vehicle driving slower than the set vehicle speed is detected

When a vehicle is detected driving ahead of your vehicle, the vehicle automatically decelerates and if a greater reduction in vehicle speed is necessary, the brakes are applied (the stop lights will come on at this time). The vehicle is controlled to maintain the vehicle-to-vehicle distance set by the driver, in accordance with changes in the speed of the preceding vehicle. If vehicle deceleration is not sufficient and the vehicle approaches the vehicle ahead, the approach warning will sound.

C Acceleration
When there are no longer any preceding vehicles driving slower than the set vehicle speed

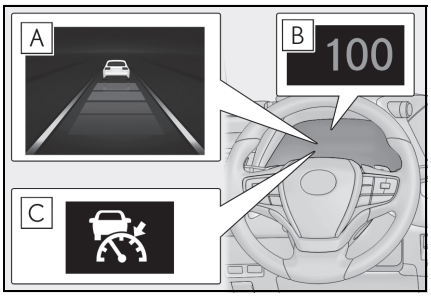
The vehicle accelerates until the set vehicle speed is reached and then resumes constant speed cruising.

D Starting off:

If a preceding vehicle stops, the vehicle will also stop (controlled stop). After the preceding vehicle starts off, pressing the "RES" switch or depressing the accelerator pedal will resume follow-up cruising (start off operation). If a start off operation is not performed, the controlled stop will continue.

System components

Meter display

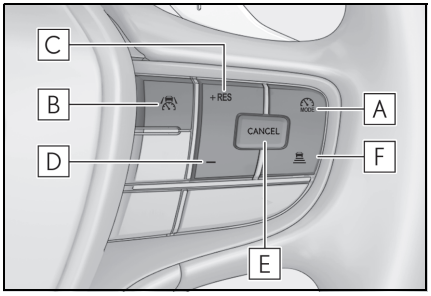


A Multi-information display

B Set vehicle speed

C Indicators

Switches



A Driving assist mode select switch

B Driving assist switch

C "+" switch/"RES" switch

D "-" switch

E Cancel switch

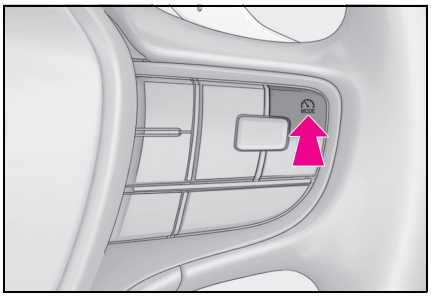
F Vehicle-to-vehicle distance switch

Using the dynamic radar cruise control

Setting the vehicle speed

1 Press the driving assist mode select switch to select Adaptive Cruise Mode.

The dynamic radar cruise control indicator will illuminate.

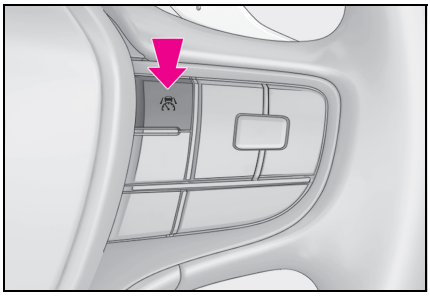


2 Using the accelerator pedal, accelerate or decelerate to the desired vehicle speed (approximately 30 km/h [20 mph] or more), and press the driving assist switch to set the set vehicle speed.

The set vehicle speed will be displayed on the multi-information display.

The vehicle speed at the moment the switch is released will be the set vehicle

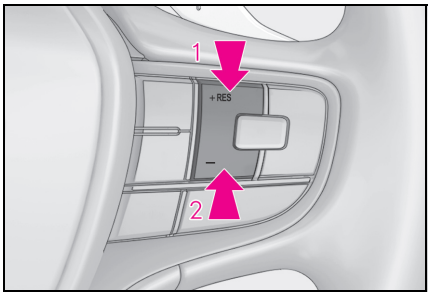
speed.



Adjusting the set vehicle speed

- Adjusting the set vehicle speed using the switches

To change the set vehicle speed, press the "+" switch or "-" switch until the desired speed is displayed.



1 Increase set vehicle speed

2 Decrease set vehicle speed

Short press adjustment: Press the switch

Long press adjustment: Press and hold the switch until the desired set vehicle speed is reached.

The set vehicle speed will increase or decrease as follows:

Short press adjustment: By 1 km/h (0.6 mph) or 1 mph (1.6 km/h) each time the switch is pressed

Long press adjustment: Increases or decreases in 5 km/h (3.1 mph) or 5 mph (8 km/h) increments continuously while the switch is pressed and held

The set vehicle speed adjustment increment can be changed through a customize setting.

- Increasing the set vehicle speed using the accelerator pedal

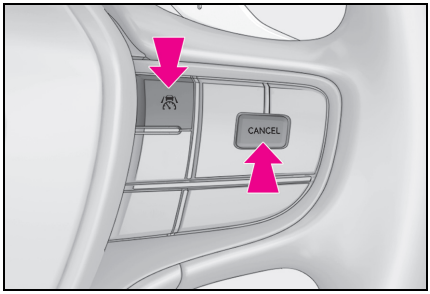
1 Depress the accelerator pedal to accelerate the vehicle to the desired vehicle speed.

2 Press the "+" switch.

Canceling/resuming control

1 Press the cancel switch or driving assist switch to cancel control.

Control will also be canceled if the brake pedal is depressed.
(If the vehicle has been stopped by system control, depressing the brake pedal will not cancel control.)



2 Press the "RES" switch to resume control.

Changing the vehicle-to-vehicle distance

Each time the switch is pressed, the vehicle-to-vehicle distance setting will change as follows:

If a preceding vehicle is detected, the preceding vehicle mark A will be displayed.

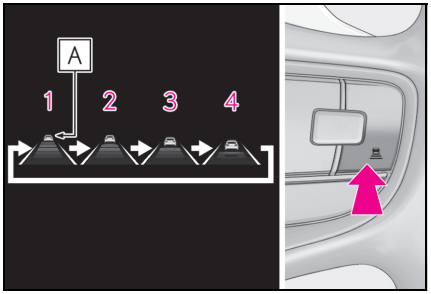


Illustration Number	Vehicle-to-vehicle distance	Approximate Distance (Vehicle Speed: 100 km/h [60 mph])
1	Extra long	Approximately 60 m (200 ft.)
2	Long	Approximately 45 m (145 ft.)
3	Medium	Approximately 30 m (100 ft.)
4	Short	Approximately 25 m (85 ft.)

The actual vehicle-to-vehicle distance varies in accordance with the vehicle speed. Also, when the vehicle is stopped by system control, it will be stopped at a certain distance from the preceding vehicle, depending on the situation, regardless of the setting.

■ Operating conditions

- The D shift position is selected.
- The desired set speed can be set when the vehicle speed is approximately 30 km/h (20 mph) or more.
  - If the vehicle speed is set while driving at below approximately 30 km/h (20 mph), the set vehicle speed will be approximately 30 km/h (20 mph).
  - If the vehicle speed is set while driving at a speed that exceeds the system's upper limit, the set vehicle speed will be the system's upper limit.

■ Accelerating after setting the vehicle speed

As with normal driving, acceleration can be performed by depressing the accelerator pedal. After accelerating, the vehicle will return to the set vehicle speed. However, while in vehicle-to-vehicle distance control mode, the vehicle speed may decrease to below the set vehicle speed in order to maintain the distance from the preceding vehicle.

■ When the vehicle is stopped by system control during follow-up cruising

- When the "RES" switch is pressed while the vehicle is stopped by system control, if the preceding vehicle starts off within approximately 3 seconds, follow-up cruising will resume.
- If the preceding vehicle starts off within approximately 3 seconds of the vehicle being stopped by system control, follow-up cruising will resume.

■ Automatic cancellation of vehicle-to-vehicle distance control mode

In the following situations, vehicle-to-vehicle distance control mode will be canceled automatically:

- When the brake control or output restriction control of a driving support system operates
  (For example: Pre-Collision System, drive-start control)
- When the parking brake has been operated
- When the driver's seat belt is unfastened while driving
- When the Pre-Collision System is disabled
- When the vehicle is stopped by system control on a steep incline
- When any of the following are detected while the vehicle is stopped by system control:
  - The driver's seat belt is unfastened
  - The driver's door is opened
  - Approximately 3 minutes have elapsed

since the vehicle was stopped

The parking brake may be actived automatically.

- Situations in which some or all of the functions of the system cannot operate: →P.243

■ Dynamic radar cruise control system warning messages and buzzers

For safe use: →P.237

■ Preceding vehicles that the sensor may not detect correctly

In the following situations, depending on the conditions, if the system cannot provide sufficient deceleration or acceleration is necessary, operate the brake pedal or accelerator pedal.

As the sensor may not be able to correctly detect these types of vehicles, the approach warning (→P.281) may not operate.

- When a vehicle cuts in front of your vehicle or changes lanes away from your vehicle extremely slowly or quickly
- When changing lanes
- When a preceding vehicle is driving at a low speed
- When a vehicle is stopped in the same lane as the vehicle
- When a motorcycle is traveling in the same lane as the vehicle

■ Conditions under which the system may not operate correctly

In the following situations, operate the brake pedal (or accelerator pedal, depending on the situation) as necessary.

As the sensor may not be able to correctly detect a vehicle, the system may not operate properly.

- When a preceding vehicle brakes suddenly
- When changing lanes at low speeds, such as in a traffic jam

Approach warning

In situations where the vehicle approaches a preceding vehicle and the system cannot provide sufficient deceleration, such as if a vehicle cuts in front of the vehicle, a warning display will flash and a buzzer will sound to alert the driver. Depress the brake pedal to ensure appropriate vehicle-to-vehicle distance.

■ Warnings may not occur when

In the following situations, the warning may not operate even though the vehicle-to-vehicle distance is short.

- When the preceding vehicle is traveling at the same speed or faster than your vehicle
- When the preceding vehicle is traveling at an extremely low speed
- Immediately after the vehicle speed has been set
- When the accelerator pedal is depressed

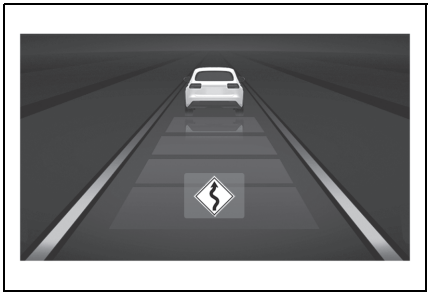
Curve speed reduction function

When a curve is detected, the vehicle speed will begin being reduced. When the curve ends, the vehicle speed reduction will end.

Depending on the situation, the vehicle speed will then return to the set vehicle speed.

In situations where vehicle-to-vehicle distance control needs to operate, such as when a preceding vehicle cuts in front of

your vehicle, the curve speed reduction function will be canceled.



■ **Situations in which the curve speed reduction function may not operate**

In situations such as the following, the curve speed reduction function may not operate:

- When the vehicle is being driven around a gentle curve
- When the accelerator pedal is being depressed
- When the vehicle is being driven around an extremely short curve

Overtaking prevention function

If a detected vehicle in the passing lane is traveling slower than your vehicle, overtaking will be suppressed.

The overtaking prevention function will not operate if the passing lane is congested or vehicles are traveling at low speeds.

This function is not available for vehicles without a DCM.

Driver Monitor support function (if equipped)

While a warning of the driver monitor is being displayed, the vehicle acceleration will be restrained.

When the warning of the driver monitor disappears, the restrained acceleration control will end.

Support for lane change

If your vehicle is being driven at approximately 80 km/h (50 mph) or more and a lane change to the passing lane is performed, when the turn signal lever is operated and the lane is changed, the vehicle will accelerate up to the set speed to assist in overtaking.

For vehicles with a DCM: The system's recognition of which lane is the passing lane is determined by location information and the driving condition of surrounding vehicles. The support for lane change function and overtaking prevention function may not operate if it is difficult to obtain location information or there are few surrounding vehicles.

For vehicles without a DCM: The system's recognition of which lane is the passing lane may be based solely on the location of the steering wheel in the vehicle (left-hand drive/right-hand drive). If the vehicle is driven in a location where the passing lane is on the opposite side of that where the vehicle was originally sold, the vehicle may accelerate when the turn signal lever is operated away from the passing lane. (e.g. The vehicle was manufactured to be driven on roads for right-hand drive vehicles [that overtake on the right], but is being used on roads for left-hand drive vehicles [that overtake on the left]. In this case, the vehicle may accelerate when the turn signal lever is operated to the right.)

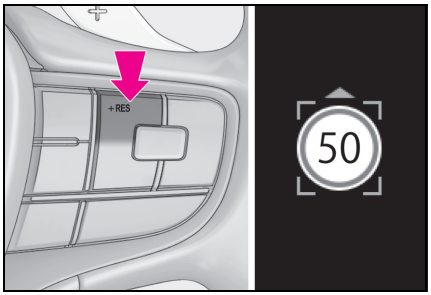
If your vehicle is being driven at approximately 80 km/h (50 mph) or more and the lane is changed to that with a vehicle traveling slower than your vehicle, when

the turn signal lever is operated the vehicle will gradually decelerate to assist in changing lanes.

Dynamic Radar Cruise Control with Road Sign Assist

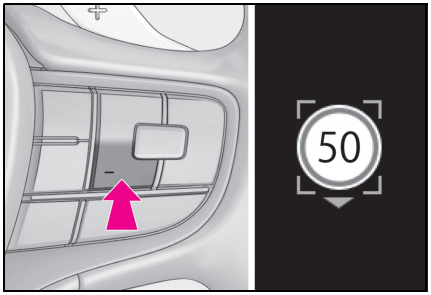
When RSA function is enabled and the dynamic radar cruise control system is operating, if a speed limit sign is detected, the detected speed limit will be displayed with an up/down arrow. The set speed can be increased/reduced to the detected speed limit by pressing and holding the "+" switch or "-" switch.

■ **When the set speed is lower than the detected speed limit**



Press and hold the "+" switch.

■ **When the set speed is higher than the detected speed limit**



Press and hold the "-" switch.

■ **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 situations where the RSA may not operate or cannot detect signs correctly (→P.272), when using this function, make sure to confirm the actual speed limit.

In the following situations, the set speed may not change to the detected speed limit by pressing and holding the "+" switch or "-" switch:

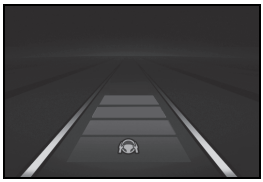
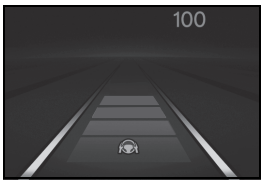
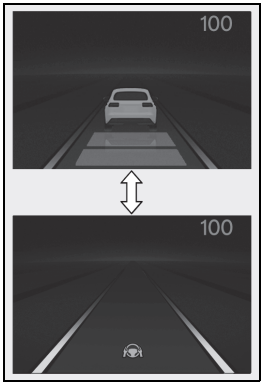
- When speed limit information is not available
- When the detected speed limit is the same as the set speed
- When the detected speed limit is outside of the speed range which the dynamic radar cruise control system can operate

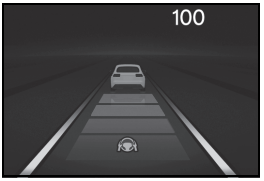
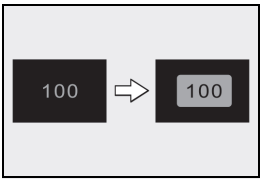
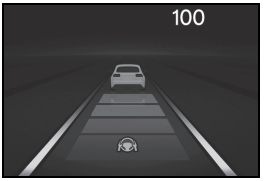
Changing Dynamic radar cruise control settings

The settings of Dynamic radar cruise control can be changed through customize settings. (→P.504)

Display and system operation state

The operating state of Dynamic radar cruise control is indicated.

Indicator	Multi-information display		Situation
White		Vehicle-to-vehicle distance setting: Gray	Dynamic radar cruise control being OFF
Green		Vehicle-to-vehicle distance setting: Blue Set vehicle speed: Green	Constant speed cruising
Green		Vehicle-to-vehicle distance setting: Blue Set vehicle speed: Green Preceding vehicle: White	Follow-up cruising
Green		Vehicle-to-vehicle distance setting: Orange flashing Set vehicle speed: Green Preceding vehicle: Orange flashing	Approach warning

Indicator	Multi-information display		Situation
Green		Vehicle-to-vehicle distance setting: Gray Set vehicle speed: White Preceding vehicle: Gray	Accelerating with the accelerator pedal
Green		Set vehicle speed: Green in reverse display	Set vehicle speed being exceeded
Green		Vehicle-to-vehicle distance setting: Gray Set vehicle speed: White Preceding vehicle: Gray	Vehicle in controlled stop

Cruise control

The vehicle can be driven at a set speed even if the accelerator pedal is not depressed.

Use the cruise control only on highways and expressways.

WARNING

■ **For safe use**

- Driving safely is solely the responsibility of the driver. Therefore, do not overly rely on this system. The driver is solely responsible for paying attention to the vehicle's surroundings and driving safely.
- Set the speed appropriately according to the speed limit, traffic flow, road conditions, weather conditions, etc. The driver is responsible for confirming the set speed.

■ **Situations in which cruise control should not be used**

Do not use the cruise control in the following situations. As the system will not be able to provide appropriate control, using it may lead to an accident resulting in death or serious injury.

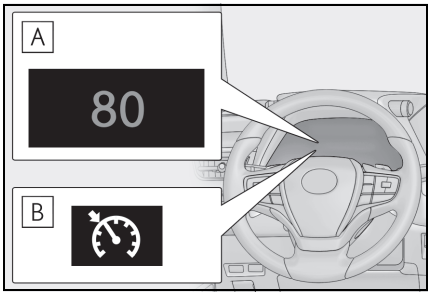
- On roads with sharp bends
- On winding roads
- On slippery roads, such as those covered with rain, ice or snow
- On steep downhills, or where there are sudden changes between sharp up and down gradients

Vehicle speed may exceed the set speed when driving down a steep hill.

- When it is necessary to disable the system: →P.237

System components

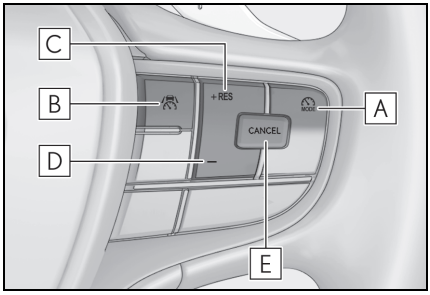
■ Meter display



A Set vehicle speed

B Cruise control indicator

■ Switches



A Driving assist mode select switch

B Driving assist switch

C "+" switch / "RES" switch

D "-" switch

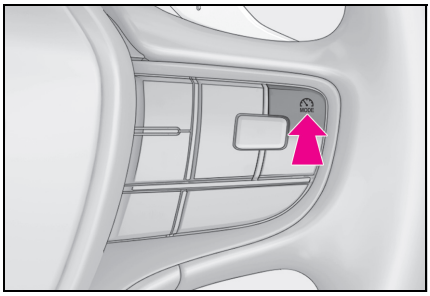
E Cancel switch

Using the cruise control

■ **Setting the vehicle speed**

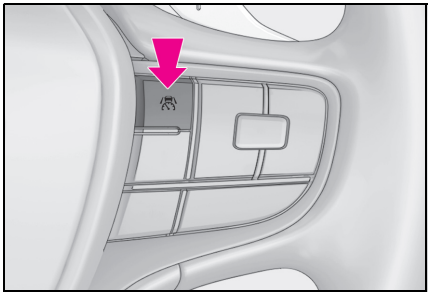
1 Press the driving assist mode select switch to select Cruise Control Mode.

The cruise control indicator will illuminate.



2 Using the accelerator pedal, accelerate to the desired vehicle speed (approximately 30 km/h [20 mph] or more), and press the driving assist switch to set the set vehicle speed.

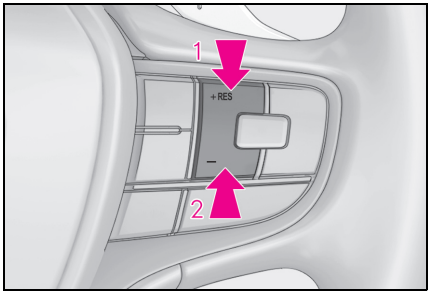
The vehicle speed at the moment the switch is released will be the set vehicle speed.



■ Adjusting the set vehicle speed

● Adjusting the set vehicle speed using the switches

To change the set vehicle speed, press the "+" or "-" switch until the desired speed is displayed.



1 Increase set vehicle speed

2 Decrease set vehicle speed

The set vehicle speed will increase or decrease as follows:

Fine adjustment: By 1 km/h (0.6 mph) or 1 mph (1.6 km/h) each time the switch is pressed

Large adjustment: Increases continuously while the switch is pressed and held

● Increasing the set vehicle speed using the accelerator pedal

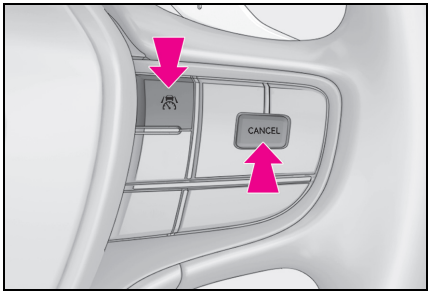
1 Depress the accelerator pedal to accelerate the vehicle to the desired vehicle speed.

2 Press the "+" switch.

■ Canceling/resuming control

1 Press the cancel switch or driving assist switch to cancel control.

Control will also be canceled if the brake pedal is depressed.



2 Press the "RES" switch to resume control.

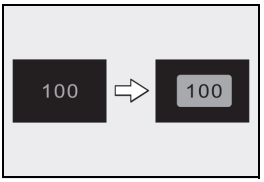
■ **Automatic cancellation of the cruise control**

In the following situations, the cruise control will be canceled automatically:

- When the vehicle speed drops approximately 16 km/h (10 mph) or more below the set vehicle speed
- When the vehicle speed drops below approximately 30 km/h (20 mph)
- When the brake control or output restriction control of a driving support system operates (For example: PCS, drive-start control)
- When the parking brake has been operated
- When the driver's seat belt is unfastened
- Situations in which some or all of the functions of the system cannot operate: →P.243

Display and system operation state

The operating state of cruise control is indicated.

Indicator	Multi-information display		Situation
 White		Blank	Cruise control being OFF
 Green		Set vehicle speed: Green	Constant speed cruising
 Green		Set vehicle speed: Green in reverse display	Set vehicle speed being exceeded

Emergency Driving Stop System

The emergency driving stop system is a system which automatically decelerates and stops the vehicle within its lane if the driver becomes unable to continue driving the vehicle, such as if they have suffered a medical emergency, etc.

During LTA (Lane Tracing Assist) control, if the system does not detect driving operations, such as if the driver is not holding the steering wheel, and determines the driver is not responsive, the vehicle will be decelerated and stopped within its current lane to help avoid a collision or reduce the impact of a collision.

WARNING

■ For safe use

- Driving safely is solely the responsibility of the driver. Pay careful attention to the surrounding conditions in order to ensure safe driving. The emergency driving stop system is designed to provide support in an emergency where it is difficult for the driver to continue driving, such as if they have had a medical emergency. It is not designed to support driving while drowsy or in poor physical health, or inattentive driving.
- Although the emergency driving stop system is designed to decelerate the vehicle within its lane to help avoid or help reduce the impact of a collision if the system determines that it is difficult for the driver to continue driving, its effectiveness may change according to various conditions. Therefore, it may not always be able to achieve the same level of performance. Also, if the operating conditions are not met, this function will not operate.
- After the emergency driving stop system operates, if driving becomes possible again, immediately begin driving again or, if necessary, park the vehicle on the shoulder of the road and set a warning reflector and flare to warn other drivers of your stopped vehicle.
- After this system operates, passengers should attend to the driver as necessary and take appropriate hazard prevention measures, such as moving to a place where safety can be ensured, such as the shoulder of the road or behind a guardrail.
- This system detects the condition of the driver through the operation of the steering wheel. This system may operate if the driver is aware but intentionally and continuously does not operate the vehicle. Also, the system may not operate if it cannot determine that the driver is not responsive, such as if they are leaning on the steering wheel.
- Vehicles with driver monitor camera: Situations in which the driver monitor may not operate properly: →P.243

Summary of the system

Operation of this system is separated into 4 control states. Through control state “warning phase 1” and “warning phase 2”, the system determines if the driver is aware and responsive while

outputting a warning and controlling the vehicle speed. If the system determines the driver is not responsive, it will operate in control state "deceleration stop phase" and "stop hold phase" and decelerate and stop the vehicle. It will then operate continuously in "stop hold phase".

■ **Operating conditions**

This system operates when all of the following conditions are met:

- When the LTA is on
- When the vehicle speed is approximately 50 km/h (30 mph) or more

■ **Operation cancelation conditions**

In the following situations, system operation will be canceled:

- When LTA control has been canceled (the LTA switch has been pressed, etc.)
- When the dynamic radar cruise control has been canceled
- When driver operations are detected (the steering wheel is held, the brake pedal, accelerator pedal, parking brake, emergency flasher switch, or turn signal lever is operated)
- When the driving assist switch is pressed while in the stop and hold phase
- When the power switch has been turned from ON to off
- Situations in which some or all of the functions of the system cannot operate: →P.243

■ **LTA control when operation is canceled**

When emergency driving stop system operation is canceled, LTA control may also be canceled.

Warning phase 1

If driving operations are not detected after the hands off steering wheel warning operates, a buzzer will sound intermittently and a message will be displayed to warn the driver, and the system will judge if the driver is responsive or not. If driving operations, such as holding the steering wheel, are not performed within a certain amount of time, the system will enter warning phase 2.

Vehicles with driver monitor camera: Depending on the type of detection of the driver's unresponsiveness, the system may skip warning phase 1 and start the control of warning phase 2.

Warning phase 2

After entering warning phase 2, a buzzer will sound in short intervals and a message will be displayed to warn the driver, and the vehicle will slowly decelerate. If driving operations, such as holding the steering wheel, are not performed within a certain amount of time, the system will determine that the driver is not responsive and enter the deceleration stop phase.

The audio system will be muted until the driver becomes responsive.

When the vehicle is decelerating, the brake lights may illuminate, depending on the road conditions, etc.

After the vehicle has decelerated a certain amount, the emergency flashers (hazard lights) will flash.

Deceleration stop phase

After the driver is judged as being not

responsive, a buzzer will sound continuously and a message will be displayed to warn the driver, and the vehicle will slowly decelerate and stop. While the vehicle is decelerating, the emergency flashers (hazard lights) will flash to warn other drivers of the emergency.

Stop hold phase

After the vehicle is stopped, the parking brake will be applied automatically. After entering the stop and hold phase, the buzzer will continue sounding continuously, the emergency flashers (hazard lights) will flash to warn other drivers of the emergency, and the doors will unlock.

■ Restricted functions after the operation is canceled

After shifting to the deceleration stop phase, the following functions will not be available until the hybrid system is restarted even though the emergency driving stop system is canceled:

- LTA

BSM (Blind Spot Monitor)*

*: If equipped

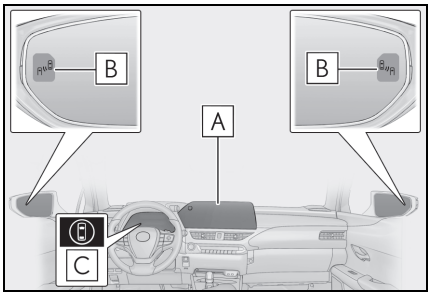
The Blind Spot Monitor is a system that uses rear side radar sensors installed on the inner side of the rear bumper on the left and right side to assist the driver in confirming safety when changing lanes.

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 Center Display

Turning the Blind Spot Monitor 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 (→P.93) 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 Driving assist information indicator

Illuminates when the Blind Spot Monitor is turned off. At this time, a message will be displayed on the multi-information display.

■ Outside rear view mirror indicator visibility

In strong sunlight, the outside rear view mirror indicator may be difficult to see.

■ Customization

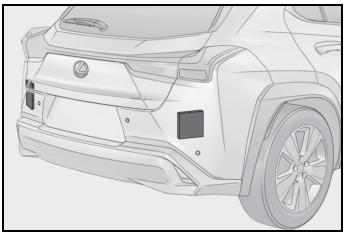
Some functions can be customized. (→P.506)

WARNING

■ To ensure the system can operate properly

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 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.294) 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 accessories, stickers (including transparent stickers), aluminum tape, etc. to a sensor or its surrounding area on the rear bumper.
- 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.

WARNING

- If a sensor or the rear bumper needs to be removed/installed or replaced, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- Do not paint the rear bumper any color other than an official Lexus color.

Turning the Blind Spot Monitor on/off

The Blind Spot Monitor can be enabled/disabled through a customize setting. (→P.506)

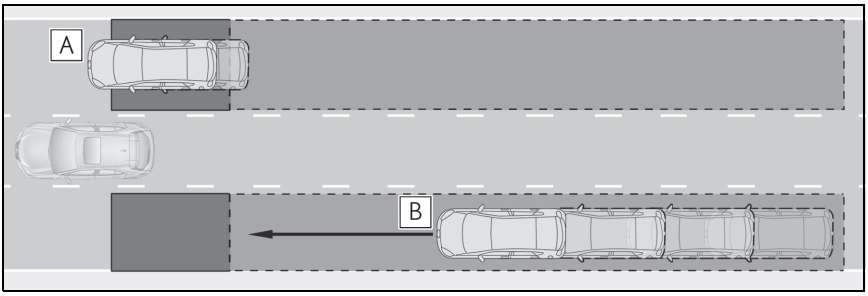
When the Blind Spot Monitor is off, the driving assist information indicator (→P.93) will illuminate and a message will be displayed on the multi-information display.

Each time the power switch is turned to ON, the Blind Spot Monitor is enabled.

Blind Spot Monitor operation

■ Objects that can be detected while driving

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.

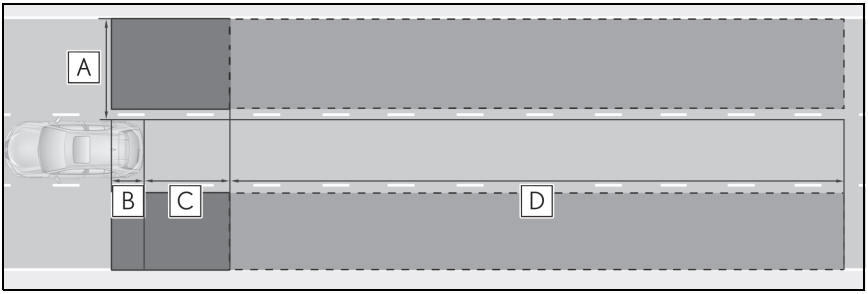


A Vehicles that are traveling in areas that are not visible using the outside rear view mirrors (the blind spots)

B Vehicles that are approaching rapidly from behind in areas that are not visible using the outside rear view mirrors (the blind spots)

■ Detection range while driving

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 linked function

The LDA (Lane Departure Alert) has a function that uses information of detected vehicles driving in an adjacent lane. For details about the function and its operating conditions, P.261.

■ The Blind Spot Monitor is operational when

The Blind Spot Monitor is operational when all of the following conditions are met:

- The power switch is in ON.
- The Blind Spot Monitor is on.
- The shift position is in a position other than R.
- The vehicle speed is approximately 10km/h (7mph) or more.

■ 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 an adjacent lane slowly.
- Another vehicle enters the detection area when it changes lanes.

■ Situations in which the Blind Spot Monitor cannot detect vehicles

The Blind Spot Monitor cannot detect the following vehicles and other 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 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 system 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
  - When towing with the vehicle
- 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
  - When towing with the vehicle

Automatic Rear Flashing Hazard Lights*

*: If equipped

The Automatic Rear Flashing Hazard Lights is a system that uses the rear side radar sensors located on the inside of the rear bumper. When the system determines that the possibility of a rear-end collision is high, it flashes the emergency flashers rapidly to warn the driver of the following vehicle.

WARNING

■ Cautions regarding the use of the system

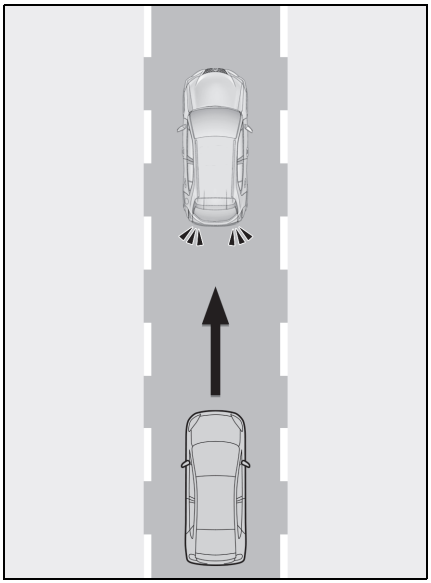
The driver is solely responsible for safe driving. Always drive safely, taking care to observe your surroundings. The Automatic Rear Flashing Hazard Lights is an auxiliary system that flashes the emergency flashers rapidly to warn the driver of the following vehicle when it determines that the possibility of a rear-end collision is high. As this system may not function to its fullest extent in certain situations, 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.

■ To ensure the system can operate properly

→P.292

Automatic Rear Flashing Hazard Lights operation

The rear side radar sensors detect following vehicles driving in the same lane. If the system determines that the possibility of a rear-end collision is high, the emergency flashers will flash rapidly to warn the driver of the following vehicle. Simultaneously, a message will be displayed on the multi-information display to notify the driver of the approach of the following vehicle.



■ Operating conditions of Automatic Rear Flashing Hazard Lights

When the following conditions are met, the Automatic Rear Flashing Hazard Lights will operate:

- The power switch is in ON.
- The shift position is in a position other than R.
- The turn signal lever is not being operated.
- The relative speed between your vehicle and the following vehicle is between approximately 30 and 100 km/h (19 and 62 mph)
- Your vehicle is being driven at approximately 10 km/h (7 mph) or less or at any speed with the brake pedal depressed.

■ **The Automatic Rear Flashing Hazard Lights will detect a vehicle when**

The Automatic Rear Flashing Hazard Lights detects the following vehicle driving in the same lane within the detection range, when it determines that the possibility of a rear-end collision with it is high.

■ **Situations in which the Automatic Rear Flashing Hazard Lights cannot detect vehicles**

The Automatic Rear Flashing Hazard Lights cannot detect the following vehicles and other objects:

- Small motorcycles, bicycles, pedestrians, etc.*
- Guardrails, walls, signs, parked vehicles and similar stationary objects*
- Vehicles traveling in the opposite direction
- A vehicle in an adjacent lane*

*: Depending on the conditions, detection of a vehicle and/or object may occur.

■ **Situations in which the Automatic Rear Flashing Hazard Lights may not operate properly**

- In the following situations, the system may not detect a following vehicle properly:
  - 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 driving up and down consecutive steep inclines, such as hills, dips in the road, etc.
  - When towing with the vehicle
  - When the following vehicle is not approaching from straight behind your vehicle
  - When the following vehicle is approaching from an angle
  - If a vehicle suddenly cuts behind your vehicle
  - When the following vehicle is surrounded by other vehicles
  - When there is a static object, such as a guardrail or wall, around a following vehicle
  - When a bicycle carrier or other accessory is installed to the rear of your vehicle
  - When the height of a following vehicle is too much different from that of your vehicle
- In the following situations, the system may operate even though there is no possibility of a collision
  - When the sensor is misaligned due to a strong impact to the sensor or its surrounding area
  - When towing with the vehicle
  - When your vehicle is surrounded by other vehicles
  - When your vehicle is stopped to make a turn at an intersection, etc. and a vehicle passes your vehicle from straight behind
  - When your vehicle is stopped on the roadside, etc. and a vehicle passes close to the side of your vehicle
  - When a following vehicle closely approaches your vehicle before overtaking
  - When a following vehicle suddenly approaches to close to your vehicle
  - When there is a static object, such as a guardrail or wall, around a following vehicle

Safe Exit Assist*

*: If equipped

The safe exit assist is a system that uses rear side radar sensors installed on the inner side of the rear bumper to help occupants judge if an approaching vehicle or bicycle may collide with a door when exiting, to help reduce the possibility of a collision.

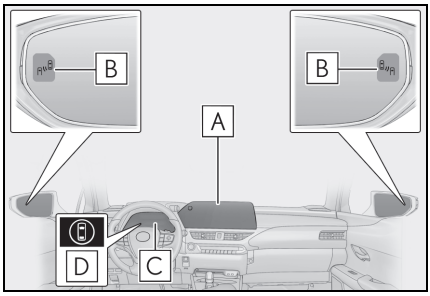
WARNING

■ **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 safe exit assist is a supplementary system that, when the vehicle is stopped, informs occupants of the existence of approaching vehicles and bicycles. As this system alone cannot be used to judge safety, over-reliance on this system may lead to an accident resulting in death or serious injury.

In certain situations, this system may not function to its fullest extent. Therefore it is necessary for the occupants to visually check for safety directly and using the mirrors.

System components



A Center Display

Turning the safe exit assist on/off.

B Outside rear view mirror indicators

When a vehicle or bicycle which may collide with a door (other than the back door) when opened is detected, the outside rear view mirror indicator (→P.93) on the detected side will illuminate. If the door on the detected side is opened, the outside rear view mirror indicator will blink.

C Multi-information display

If collision with a door is likely and the door is opened, the door will be displayed on the multi-information display. Also, if a door is opened when an outside rear view mirror indicator is illuminated, a buzzer will sound as a warning.

D Driving assist information indicator

Illuminates when the safe exit assist is turned off. At this time, a message will be displayed on the multi-information display.

■ **Outside rear view mirror indicator visibility**

In strong sunlight, the outside rear view mirror indicator may be difficult to see.

■ **Buzzer**

If the volume setting of the audio system is high or the surrounding area is loud, it may

be difficult to hear the buzzer.

■ Customization

Some functions can be customized. (→P.507)

WARNING

■ To ensure the system can operate properly

→P.292

Turning the safe exit assist system ON/OFF

The safe exit assist system can be enabled/disabled through a customize setting. (→P.507)

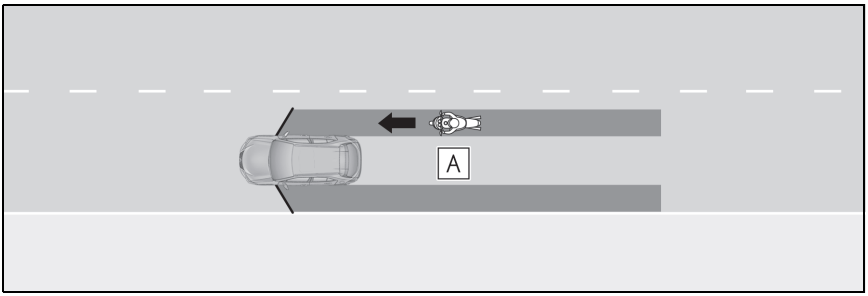
When the safe exit assist is off, the driving assist information indicator will illuminate and a message will be displayed on the multi-information display.

Each time the power switch is turned to ON, the safe exit assist is enabled.

Safe exit assist operation

■ Objects that can be detected by the safe exit assist

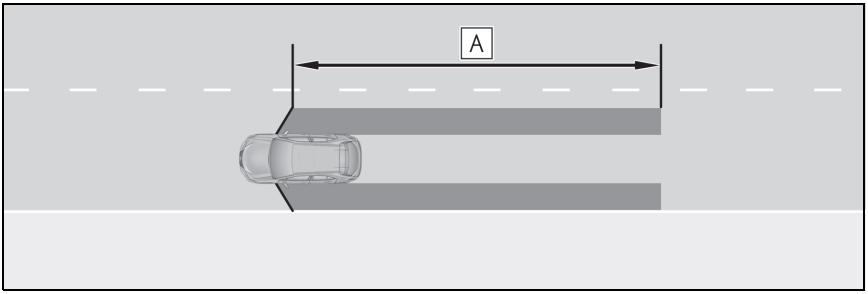
When the safe exit assist detects the following vehicles or bicycles behind your vehicle using a rear side radar sensor, the occupants of the vehicle are informed through an outside rear view mirror indicator, buzzer, and the multi-information display.



A Vehicle or bicycle which has a high possibility of colliding with a door (other than the back door) when opened

■ The safe exit assist detection areas

The areas that vehicles can be detected in are outlined below.



A Approximately 45 m (145 ft.) rearward from the front door*

*: The faster a vehicle or bicycle is approaching, the distance at which an outside rear view mirror indicator will illuminate or blink will become further.

The safe exit assist is operational when

The safe exit assist is operational when all of the following conditions are met:

- When the power switch is ON, less than 3 minutes have elapsed since the hybrid system was off, or less than 3 minutes have elapsed since a door was opened and someone has entered the vehicle (the time which operation is possible may be extended if a door is opened and closed)
- Safe exit assist is on
- The vehicle is stopped.
- The shift position is in a position other than R.

The safe exit assist will detect a vehicle when

The safe exit assist will detect a vehicle present in the detection area in the following situations:

- When the vehicle is stopped and a vehicle or bicycle, which is traveling parallel to the vehicle, is approaching within the area that a door opens (other than the back door)

Conditions under which the system will not detect a vehicle

- Safe exit assist does not detect the following objects, vehicles, and bicycles:
  - Vehicles or bicycles which are approaching slowly*
  - Vehicles or bicycles which are determined to have a low possibility of colliding with a door (other than the back door) when opened*
  - Vehicles or bicycles which are approaching from directly behind*
  - Vehicles or bicycles which are approaching from the front*
  - Guardrails, walls, signs, parked vehicles, and other stationary objects*
  - Pedestrians, animals, etc.*

*: Depending on the conditions, detection of a vehicle and/or object may occur.

- In situations such as the following, safe exit assist will not operate:
  - When 3 minutes or more have elapsed since the hybrid system off (the time which operation is possible may be extended if a door is opened and closed)
  - When your vehicle is not completely stopped

Conditions under which the system may not function correctly

- The safe exit assist 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 a vehicle or bicycle approaches from behind a nearby parked vehicle
- When an approaching vehicle or bicycle suddenly changes direction
- Immediately after a vehicle or bicycle starts moving
- When the back door is open
- When a bicycle carrier, ramp, or other accessory is installed to the back of the vehicle
- When a parked vehicle, wall, sign, person or other stationary object is behind the vehicle
- When the vehicle is stopped at an angle to the road
- When a vehicle is traveling near an approaching vehicle or bicycle
- When an approaching vehicle or bicycle is traveling along a stationary object, such a wall or sign
- When a vehicle or bicycle is approaching at high speed
- When towing with the vehicle
- When stopped on a steep slope
- When stopped on a curve or at the exit of a curve

● Instances of the safe exit assist 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 a vehicle or bicycle approaches your vehicle from directly behind in an offset position
- When the vehicle is stopped at an angle to the road
- When a vehicle or bicycle approaches from behind a parked vehicle at an angle
- When a parked vehicle, wall, sign, person or other stationary object is behind the vehicle
- When an approaching vehicle or bicycle suddenly changes direction
- When an approaching vehicle or bicycle is traveling along a stationary object, such a wall or sign
- When the back door is open
- When a bicycle carrier, ramp, or other accessory is installed to the back of the vehicle
- When a vehicle or bicycle is approaching at high speed
- When towing with the vehicle
- When stopped on a steep slope
- When stopped on a curve or at the exit of a curve
- When a vehicle or bicycle approaches from behind a vehicle stopped in an adjacent lane

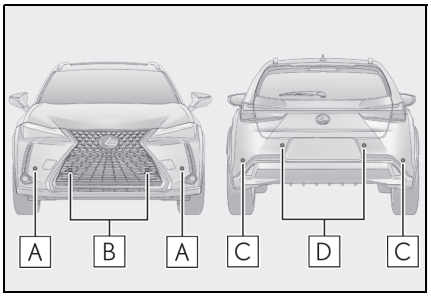
Lexus parking assist-sensor*

*: If equipped

The Lexus parking assist-sensor function detects the approximate distance from the vehicle and an object such as a wall using ultrasonic sensors and informs the driver with the Center display distance display and buzzer.

System components

■ Type of sensors



A Front corner sensors

B Front center sensors

C Rear corner sensors

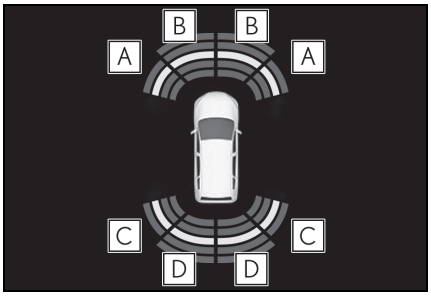
D Rear center sensors

■ Display

When the sensors detect an object, such as a wall, a graphic is shown on the Center Display depending on the position and distance to the object.

Vehicles without Center display or rear camera: When detecting a stationary object, the Lexus parking assist-sensor detection indicator illuminates. (→P.93)

▶ Center Display



A Front corner sensor detection

B Front center sensor detection

C Rear corner sensor detection

D Rear center sensor detection

Turning the Lexus parking assist-sensor function ON/OFF

The Lexus parking assist-sensor function can be enabled/disabled through a customize setting. (→P.506)

When the Lexus parking assist-sensor function is disabled, the Lexus parking assist-sensor OFF indicator (→P.93) illuminates on the multi-information display.

If the system switches to OFF (disabled) and the Lexus parking assist-sensor is stopped, the Lexus parking assist-sensor will not be re-enabled until ON (enabled) is selected again from the customize setting (→P.506).

(It remains off even if the power switch is turned to ON again after the power switch has been turned off.)

Vehicles without the Center Display or rear camera: However, the system will automatically turn on (enabled) and the Lexus parking assist-sensor OFF indicator will turn off if the shift position is changed to R.

When the shift position is R, the Lexus parking assist-sensor cannot be turned on or off.

The setting of Lexus parking assist-sensor itself will not change.

WARNING

■ Cautions regarding the use of the system

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.

■ To ensure the system can operate properly

Make sure to observe the following precautions. The system may not operate properly and may lead to an unexpected accident. When these precautions cannot be observed, turn the system off.

- Do not damage the sensors, and always keep them clean.
- Do not attach a sticker or install an electronic component, such as a backlit license plate (especially fluorescent type), fog lights, fender pole or wireless antenna near a radar sensor.
- Do not subject the surrounding area of the sensor to a strong impact. If subjected to an impact, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer. If the front or rear bumper needs to be removed/installed or replaced, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- Do not modify, disassemble or paint the sensors.
- Do not attach a license plate cover.
- Keep your tires properly inflated.
- Do not install a suspension other than a genuine suspension.

■ Notes when washing the vehicle

- 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.
- The Lexus parking assist-sensor is on.
- The vehicle speed is less than about 10 km/h (6 mph).
- A shift position other than P is selected.

Vehicles without the Center Display or rear camera: The system will automatically turn on (enabled) and the Lexus parking assist-sensor OFF indicator will turn off if the shift position is changed to R.

The setting of Lexus parking assist-sensor itself will not change.

■ Sensor detection information

- The sensor's detection areas are limited

to the areas around the vehicle's front and rear bumpers.

- Certain vehicle conditions and the surrounding environment may affect the ability of a sensor to correctly detect an object.
- Objects may not be detected if they are too close to the sensor.
- 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 sound of this system due to the buzzers of other systems.
- If the meter malfunctions, the buzzer may not sound.

■ Objects which the system may not be properly detected

The shape of the object may prevent the sensor from detecting it. Pay particular attention to the following objects:

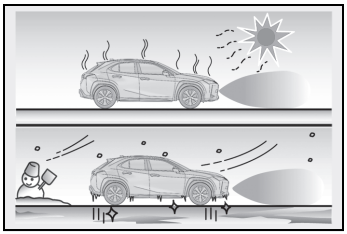
- Wires, fences, ropes, etc.
- Cotton, snow and other materials that absorb sound waves
- Sharply-angled objects
- Low objects
- Tall objects with upper sections projecting outwards in the direction of your vehicle

People may not be detected if they are wearing certain types of clothing.

■ Situations in which the system may not operate properly

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, water drops 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.
- 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.
- 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.
- A sensor is coated with a sheet of spray or heavy rain.
- If objects draw too close to the sensor.
- When a pedestrian is wearing clothing that does not reflect ultrasonic waves (ex. skirts with gathers or frills).
- When objects that are not perpendicular to the ground, not perpendicular to the vehicle traveling direction, uneven, or waving are in the detection range.
- When strong winds are blowing.
- When driving in inclement weather such as fog, snow or a sandstorm.
- 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.
- If the orientation of a sensor has been changed due to a collision or other

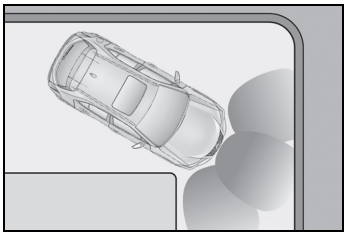
impact.

- When equipment such as a towing eyelet, transport hook, bumper protector, bumper trim, bicycle carrier or snow-removal device (snow plow) is installed near the sensor.
- If the front of the vehicle is raised or lowered due to the carried load.
- If the vehicle cannot be driven in a stable manner, such as when the vehicle has been in an accident or is malfunctioning.
- When tire chains, compact spare tire or an emergency tire puncture repair kit are used.
- When towing with the vehicle

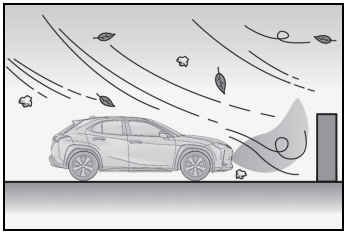
■ Situations in which the system may operate even if there is no possibility of a collision

In some situations, such as the following, the system may operate even though there is no possibility of a collision.

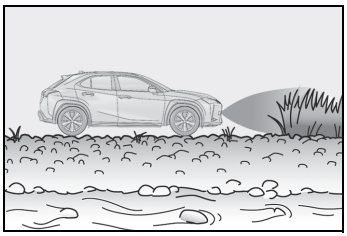
- When driving on a narrow road.



- 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 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 up or down a steep slope.
- If a sensor is hit by a large amount of water, such as when driving on a flooded road.
- There is dirt, snow, water drops or ice on a sensor. (Cleaning the sensors will resolve this problem.)
- A sensor is coated with a sheet of spray or heavy rain.
- When driving in inclement weather such as fog, snow or a sandstorm.
- When strong winds are blowing.



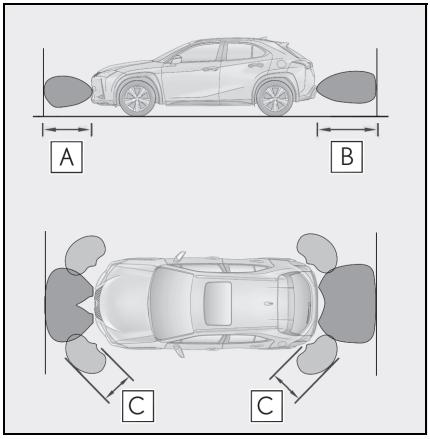
- When vehicle horns, vehicle detectors, motorcycle engines, air brakes of large vehicles, the clearance sonar of other vehicles or other devices which produce ultrasonic waves are near the vehicle.
- If the front of the vehicle is raised or lowered due to the carried load.
- If the orientation of a sensor has been changed due to a collision or other impact.
- The vehicle is approaching a tall or curved curb.
- Driving close to columns (H-shaped steel beams, etc.) in multi-story parking garages, construction sites, etc.
- If the vehicle cannot be driven in a stable manner, such as when the vehicle has been in an accident or is malfunctioning.
- On an extremely bumpy road, on an incline, on gravel, or on grass.



- When tire chains, compact spare tire or an emergency tire puncture repair kit are used.
- When towing with the vehicle

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.

■ The distance and buzzer

Approximate distance to obstacle	Buzzer
Front center sensor: Approximately 100 cm (3.3 ft.) to 60 cm (2.0 ft.)* Rear center sensor: Approximately 150 cm (4.9 ft.) to 60 cm (2.0 ft.)*	Slow
Approximately 60 cm (2.0 ft.) to 45 cm (1.5 ft.)*	Medium
Approximately 45 cm (1.5 ft.) to 30 cm (1.0 ft.)*	Fast
Approximately less than 30 cm (1.0 ft.)	Continuous

*: Automatic buzzer mute function is enabled. (→P.307)

Lexus parking assist-sensor buzzer

A buzzer sounds when the sensors are operating.

- The buzzer beeps faster as the vehicle approaches a static object.

  When the vehicle comes within the approximately 30 cm (1.0 ft.) of the object, the buzzer will sound continuously.
- When 2 or more sensors simultaneously detect a static object, the buzzer sounds for the nearest

object.

- After a buzzer begins sounding, if the distance between the vehicle and the detected a static object does not become shorter, the buzzer will be muted automatically. (automatic buzzer mute function)

Adjusting the buzzer volume

The buzzer volume of the Lexus parking assist-sensor and RCTA can all be changed at once from the customize settings. (→P.506)

Muting a buzzer

When the temporary mute switch is displayed on the Center Display, this switch can be pressed to temporarily mute the buzzer.

Select the switch to mute a buzzer of the Lexus parking assist-sensor, and RCTA all together.

- Mute will be automatically canceled 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.

RCTA (Rear Crossing Traffic Alert) function*

*: If equipped

The RCTA function uses the BSM rear side radar sensors installed behind the rear bumper. This function is intended to assist the driver in checking areas that are not easily visible when backing up.

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 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.

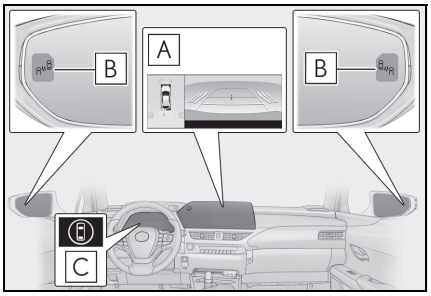
As the RCTA function may not function correctly under certain conditions, the driver's own visual confirmation of safety is necessary.

Over reliance on this function may lead to an accident resulting death or serious injury.

To ensure the system can operate properly

→P.292

System components



A Center Display

Turning the RCTA function on/off in Center Display.

If a vehicle approaching from the right or left at the rear of the vehicle is detected, the RCTA icon (→P.309) 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.

*: Depending on the vehicle grade and equipped options, the actual screen may be different from this illustration.

B Outside rear view mirror indicators

If a vehicle is detected as approaching from the left or right behind the vehicle, both outside rear view mirror indicators (→P.93) will blink and a buzzer will sound.

C Driving assist information indicator

Illuminates when the RCTA is turned off. At this time, a message will be displayed on the multi-information display.

Turning the RCTA function on/off

The RCTA can be enabled/disabled through a customize setting. (→P.507)

When the RCTA function is off, the driving assist information indicator (→P.93) will illuminate and a message will be displayed on the multi-information display. Each time the power switch is turned to ON, the RCTA function is enabled.

■ 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.

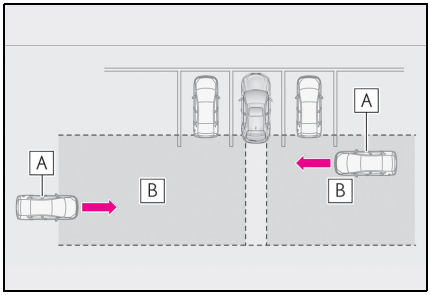
■ Rear side radar sensors

→P.292

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.



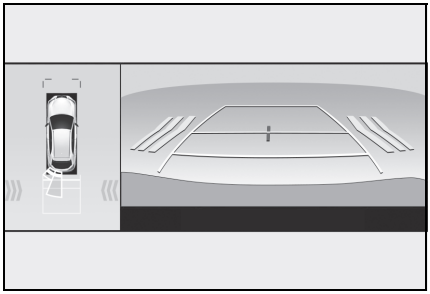
A Approaching vehicles

B Detection areas of approaching vehicles

■ RCTA icon display

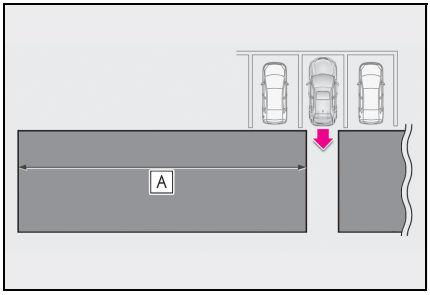
When a vehicle approaching from the right or left at the rear of the vehicle is detected, the following will be displayed on the Center Display.

- Example (Panoramic view 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
56 km/h (34 mph) (fast)	30 m (98 ft.)
8 km/h (5 mph) (slow)	4 m (13 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 15 km/h (9 mph).
- The approaching vehicle speed is between approximately 8 km/h (5 mph) and 56 km/h (34 mph).

■ Setting the buzzer volume

The buzzer volume of the RCTA and Lexus parking assist-sensor can be adjusted all together through a customize setting. (→P.507)

■ Muting a buzzer temporarily

When an object is detected, the temporary mute switch is displayed on the Center Display.

Select the switch to mute the buzzer of the Lexus parking assist-sensor and RCTA all together.

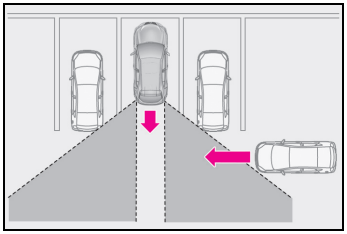
Mute will be canceled automatically in the following situations:

- 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.

■ **Conditions under which the system 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



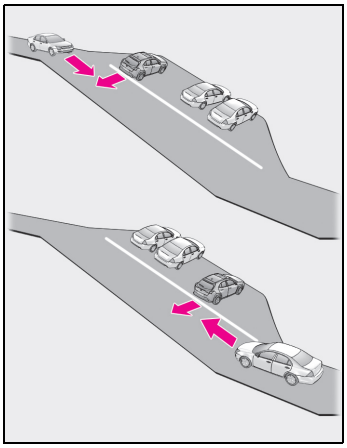
- Guardrails, walls, signs, parked vehicles and similar stationary objects*
- Small motorcycles, bicycles, pedestrians, etc.*
- Vehicles moving away from your vehicle
- Vehicles approaching from the parking spaces next to your vehicle*
- The distance between the sensor and approaching vehicle gets too close

*: Depending on the conditions, detection of a vehicle and/or object may occur.

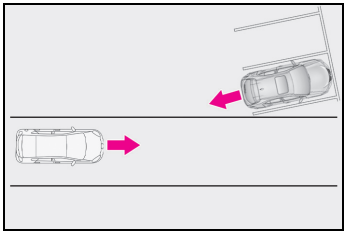
■ **Situations in which the system may not operate properly**

The RCTA function 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 position above 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 a vehicle is approaching at high speed.
- 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 backing up on a slope with a sharp change in grade.

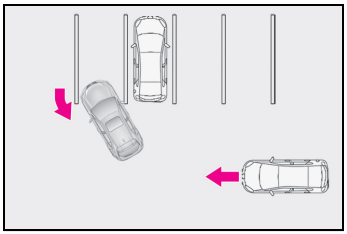


- When backing out of a sharp angle parking spot.

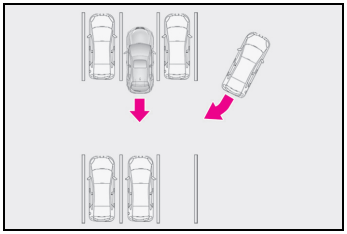


- Immediately after the RCTA function is turned on.
- Immediately after the hybrid system is started with the RCTA function on.
- When the sensors cannot detect a vehicle due to obstructions.
- When towing with the vehicle.
- When there is a significant difference in height between your vehicle and the vehicle that enters the detection area.

- When a sensor or the area around a sensor is extremely hot or cold.
- 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 turning while backing up.



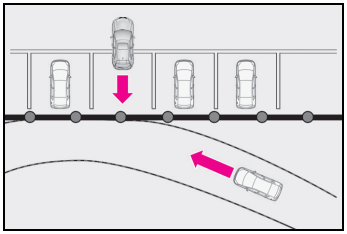
- When a vehicle turns into the detection area.



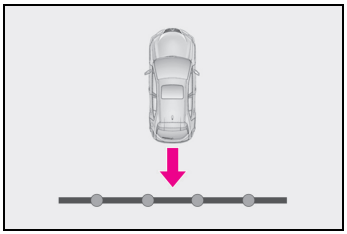
Situations in which the system may operate even if there is no possibility of a collision

Instances of the RCTA function unnecessary detecting a vehicle and/or object may increase in the following situations:

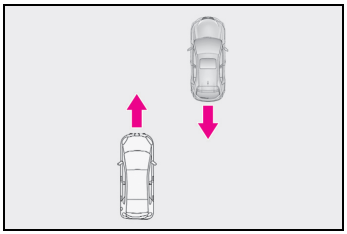
- When the parking space faces a street and vehicles are being driven on the street.



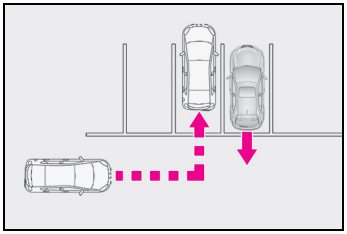
- When the distance between your vehicle and metal objects, such as a guardrail, wall, sign, or parked vehicle, which may reflect electrical waves toward the rear of the vehicle, is short.



- When 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 a vehicle passes by the side of your vehicle.



- When a detected vehicle turns while approaching the vehicle.



- 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.
- Moving objects (flags, exhaust fumes, large rain droplets or snowflakes, rain water on the road surface, etc.).
- When the distance between your vehicle and a guardrail, wall, etc., that enters the detection area is short.

- Gratings and gutters.
- When a sensor or the area around a sensor is extremely hot or cold.
- 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 towing with the vehicle.

PKSB (Parking Support Brake)*

*: If equipped

The PKSB (Parking Support Brake) is a system that issues warnings and automatically performs braking to help reduce collision damage with operation targets that were detected when traveling at a low speed such as when parking.

PKSB (Parking Support Brake) system

The system has detected the following as operation targets. (The operation targets vary depending on the function.)

- Parking Support Brake function (static objects front and rear of the vehicle):→P.316
- Parking Support Brake function (moving vehicles rear of the vehicle):→P.319

WARNING

■ Cautions regarding the use of the system

Do not overly rely on the system, as doing so may lead to an accident.
Always drive while checking the safety of the surroundings of the vehicle.
Depending on the vehicle and road conditions, weather, etc., the system may not operate.
The detection capabilities of sensors and radars are limited. Always drive while checking the safety of the surroundings of the vehicle.

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.
- It is extremely dangerous to check the system operations by intentionally driving the vehicle into the direction of a wall, etc. Never attempt such actions.

■ When to disable the Parking Support Brake

In the following situations, disable the Parking Support Brake 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 such as a towing hook, transport hook, bumper protector, bumper trim, bicycle carrier or snow-removal device (snow plow) is installed near the sensor.
- When using automatic car washing devices.
- 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.
- When the tires are not properly inflated.
- When the tires are very worn.
- When tire chains, a compact spare tire or an emergency tire puncture repair kit are used.
- When towing with the vehicle

■ Precautions for the suspension

Do not modify the suspension of the vehicle. If the height or tilt of the vehicle is changed, the sensors may not be able to detect detectable objects and the system may not operate correctly, possibly leading to an accident.

Enabling/Disabling the Parking Support Brake

The Parking Support Brake function can be enabled/disabled through a customize setting. (→P.507)

When the PKSB (Parking Support Brake) is disabled, the driving assist information indicator (→P.93) illuminates, and a message is displayed on the multi-information display.

If the system switches to OFF (disabled) and the PKSB (Parking Support Brake) is stopped, the PKSB (Parking Support Brake) will not be re-enabled until ON (enabled) is selected again from the customize setting (→P.507). (It remains off even if the power switch is turned to ON again after the power switch has been turned off.)

Display and buzzer for hybrid system output restriction control and brake control

If the hybrid system output restriction control or brake control operates, a buzzer will sound and a message will be displayed on the Center Display and multi-information display, to alert the driver.

Depending on the situation, output restriction control operates to either limit acceleration or restrict output as much as possible.

- Hybrid system output restriction control is operating (acceleration restriction)

Acceleration greater than a certain amount is restricted by the system.

Center Display: No warning displayed

Multi-information display: "Object Detected Acceleration Reduced"

Driving assist information indicator: Not illuminated

Buzzer: Does not sound

- Hybrid 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 (vehicles with panoramic view monitor): "BRAKE!"

Multi-information display: "BRAKE!"

Driving assist information indicator: Not illuminated

Buzzer: Short beep

- Brake control is operating

The system determined that emergency braking is necessary.

Center Display (vehicles with panoramic view monitor): "BRAKE!"

Multi-information display: "BRAKE!"

Driving assist information indicator: Not illuminated

Buzzer: Short beep

- Vehicle stopped by system operation

The vehicle has been stopped by brake control operation.

Center Display (vehicles with panoramic view monitor): "Switch to Brake"

Multi-information display: "Accelerator Pedal is Pressed Press Brake Pedal" (If the accelerator pedal is not depressed, "Press Brake Pedal" will be displayed.)

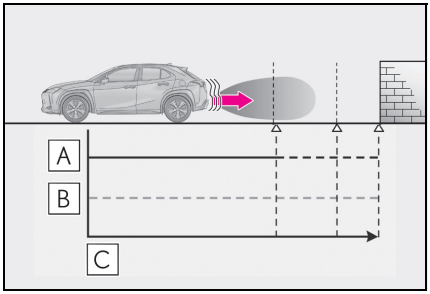
Driving assist information indicator: Illuminated

Buzzer: Sounds repeatedly

System overview

If the Parking Support Brake determines that a collision with a detected object or pedestrian is possible, the hybrid system output will be restricted to restrain any increase in the vehicle speed. (Hybrid 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.)

- Figure 1: When the PKSB (Parking Support Brake) is not operating

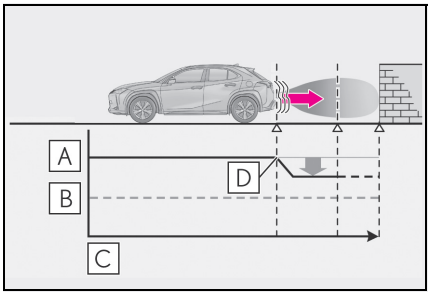


A Hybrid system output

B Braking force

C Time

● Figure 2: When hybrid system output restriction control operates



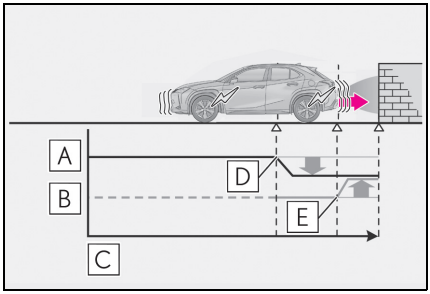
A Hybrid system output

B Braking force

C Time

D Hybrid system output restriction control begins operating (System determines that possibility of collision with detected object is high)

● Figure 3: When hybrid system output restriction control and brake control operates



A Hybrid system output

B Braking force

C Time

D Hybrid system output restriction control begins operating (System determines that possibility of collision with detected object is high)

E Brake control begins operating (System determines that possibility of collision with detected object is extremely high)

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 driving assist information indicator will illuminate. In addition, even when the PKSB (Parking Support Brake) operates, the brake control is canceled after approximately 2 seconds to start off. Furthermore, the brake control also can be canceled by depressing the brake pedal. Depressing the accelerator pedal again after that allows the vehicle to start off.

Re-enabling the Parking Support Brake

To re-enable the Parking Support Brake when it is disabled due to operation of the PKSB (Parking Support Brake), either enable the system again, or turn the power switch off and then back to ON.

Additionally, if any of the following condi-

tions are met, the system will be re-enabled automatically and the driving assist information indicator will turn off (→P.93):

- The P shift position is selected
- Drive with no operation targets in the traveling direction of the vehicle
- Change the traveling direction of the vehicle

■ **Buzzer**

Regardless of whether the Lexus parking assist-sensor is enabled or not (→P.302), if the PKSB (Parking Support Brake) system is enabled (→P.313), the buzzer will sound to notify the driver of the approximate distance to the object when the brake control and the hybrid system output restriction control are operated.

Parking Support Brake function (static objects front and rear of the vehicle)*

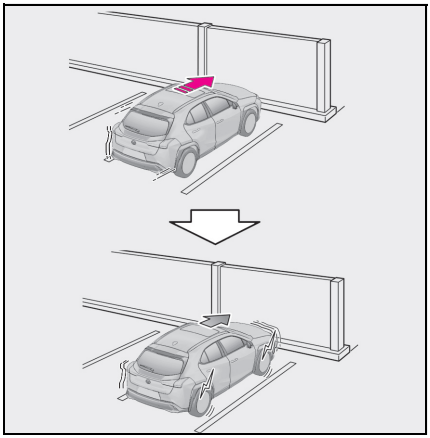
*: If equipped

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.

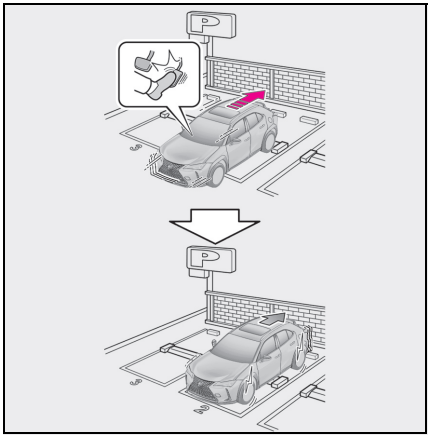
Examples of function operation (static objects front and rear of the vehicle)

This function will operate in situations such as the following if an object is detected in the traveling direction of the vehicle.

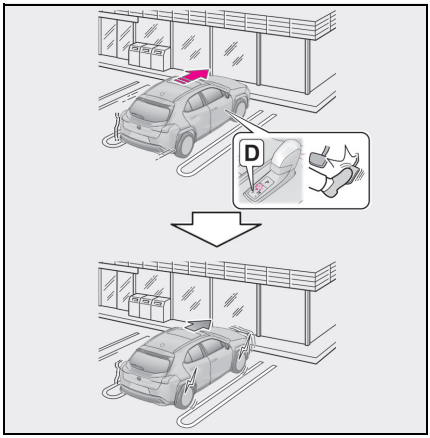
■ When traveling at a low speed and the brake pedal is not depressed, or is depressed late



■ When the accelerator pedal is depressed excessively



■ When the vehicle moves forward due to the incorrect shift position being selected



Types of sensors

→P.302

WARNING

■ To ensure the system can operate properly

→.P.303

■ If the Parking Support Brake function operates unnecessarily, such as at a railroad crossing

→P.315

■ Notes when washing the vehicle

→P.303

■ The Parking Support Brake function (static objects front and rear of the vehicle) will operate when

The function will operate when the driving assist information indicator is not illuminated (→P.91, 93) and all of the following conditions are met:

● Hybrid system output restriction control
• The Parking Support Brake is enabled.

- The vehicle speed is approximately 15 km/h (9 mph) or less.
- There is a static object in the traveling direction of the vehicle and approximately 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
- Hybrid 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 front and rear of the vehicle) will stop operating when**

The function will stop operating if any of the following conditions are met:

● Hybrid 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 approximately 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 approximately 2 to 4 m (6 to 13 ft.) away from the vehicle or in the traveling direction of the vehicle.

■ **Detection range of the Parking Support Brake function (static objects front and rear of the vehicle)**

The detection range of the Parking Support Brake function (static objects front and rear of the vehicle) differs from the detection range of the Lexus parking assist-sensor. (→P.306) Therefore, even if the Lexus parking assist-sensor detects an object and provides a warning, the Parking Support Brake function (static objects front and rear of the vehicle) may not start operating.

■ **Situations in which the system may not operate properly**

→P.304

■ **Situations in which the system may operate even if there is no possibility of a collision**

→P.305

Parking Support Brake function (moving vehicles rear of the vehicle)*

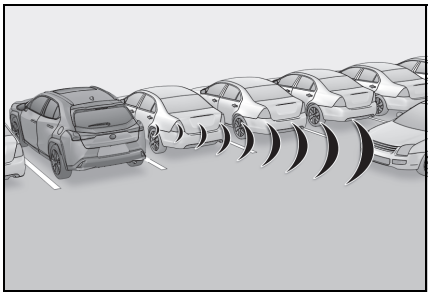
*: If equipped

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 the 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.292

WARNING

■ **To ensure the system can operate properly**

→P.292

■ **The Parking Support Brake function (moving vehicles rear of the vehicle) will operate when**

The function will operate when the driving assist information indicator is not illuminated (→P.91, 93) and all of the following conditions are met:

● Hybrid system output restriction control
- The Parking Support Brake is enabled.
- The vehicle speed is approximately 15 km/h (9 mph) or less.
- Vehicles are approaching from the right or left at the rear of the vehicle at a traveling speed of approximately 8 km/h (5 mph) or more.
- 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
- Hybrid system output restriction control is operating.
- The Parking Support Brake determined that an emergency brake operation was necessary to avoid a collision with a vehicle approaching from the rear.

■ **The Parking Support Brake function (moving vehicles rear of the vehicle) will stop operating when**

The function will stop operating if any of the following conditions are met:

● Hybrid 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.

■ **Situations in which the system may not operate properly**

→P.310

■ **Situations in which the system may operate even if there is no possibility of a collision**

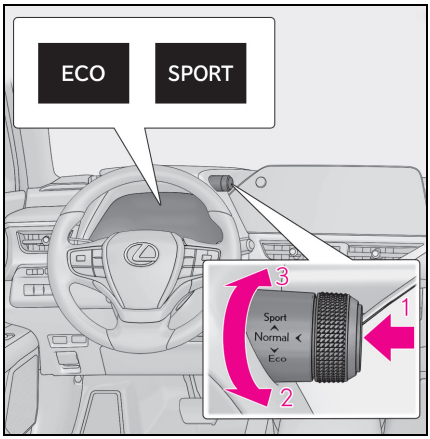
→P.311

Driving mode select switch

The driving modes can be selected to suit driving conditions.

Selecting the driving mode

▶ Vehicles without Adaptive Variable Suspension system



1 Normal mode

Provides an optimal balance of fuel economy, 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 fuel economy through moderate throttle characteristics and by controlling the operation of the air conditioning system (heating/cooling).

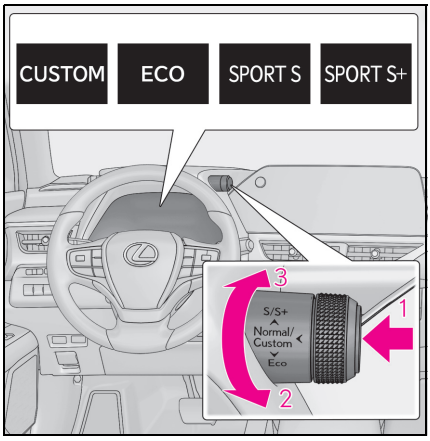
When not in Eco drive mode, if the driving mode select switch is turned toward you, the Eco drive mode indicator comes on.

3 Sport mode

Assists acceleration response by controlling the hybrid system and steering. Suitable 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 mode indicator comes on and the Hybrid System Indicator changes to the tachometer. (→P.96, 102)

▶ Vehicles with Adaptive Variable Suspension system



1 Normal mode/Custom mode

Normal mode and Custom mode are selected by pressing the driving mode select switch. Each time the switch is pressed, the driving mode changes between Normal mode and Custom mode. When Custom mode is selected, the Custom mode indicator comes on.

Press the switch to change the driving mode to Normal mode when not in Normal mode.

• Normal mode

Provides an optimal balance of fuel economy, quietness, and dynamic performance.

Suitable for city driving.

• Custom mode

Allows you to drive with the power train, suspension, steering and air conditioning system functions set to your preferred settings.

Custom mode settings can only be changed on the drive mode customization display of Center Display. (→P.497)

2 Eco drive mode

Helps the driver accelerate in an eco-friendly manner and improve fuel economy 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 drive mode indicator comes on.

3 Sport mode

• SPORT S mode

Assists acceleration response by controlling the hybrid system.

When not in Sport S mode, if the driving mode select switch is turned away from you, the Sport S mode indicator comes on and the Hybrid System Indicator changes to the tachometer. (→P.96, 102)

• SPORT S+ mode

Helps to ensure superior vehicle stability by simultaneously controlling the steering and suspension in addition to the hybrid system. Suitable for sportier driving.

When in SPORT S mode, if the driving mode select switch is turned backward, the Sport S+ mode 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 fuel efficiency. To improve air conditioning performance, perform the following operations:

● Adjust the fan speed (→P.341, 344)

● Turn off Eco drive mode

■ **Automatic deactivation of Sport mode and Custom mode (if equipped)**

If the power switch is turned off after driving in Sport mode or Custom mode, the driving mode will be changed to Normal mode.

■ **Display of the multi-information display changes according to the selected driving mode**

According to the selected driving mode, the display of the multi-information display may be changed.

■ **Customization (vehicles with Adaptive Variable Suspension system)**

The Custom mode can be changed. (Customizable features: →P.497)

GPF (Gasoline Particulate Filter) system*

*: If equipped

The GPF system collects particulate matter in the exhaust gas by using an exhaust gas filter. The system will operate to regenerate the filter automatically, depending on the vehicle conditions.

■ **If "Exhaust Filter Full See Owner's Manual" is shown on the multi-information display**

● The message may be displayed while high load driving with particulate matter accumulating.

● Hybrid system output (engine speed) is restricted when a certain amount of particulate matter accumulates, however, it is possible to drive the vehicle unless the malfunction indicator lamp comes on.

● Particulate matter can accumulate more quickly if the vehicle is frequently driven short trips or at low speeds, or if the hybrid system is regularly started in an extremely cold environment. Excessive accumulation of particulate matter can be prevented by periodically driving long distances continuously with intermittent releasing of the accelerator pedal, such as when driving on highways and freeways.

■ **If the malfunction indicator lamp comes on or "Hybrid system malfunction Output Power Reduced Visit Your Dealer" is shown on the multi-information display**

The amount of accumulated particulate matter has exceeded a certain level. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

NOTICE

■ To prevent the GPF system from not operating properly

- Do not use fuel other than the specified type
- Do not modify the exhaust pipes

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

■ E-Four (Electronic On-Demand AWD system) (AWD models)

Automatically controls the drive system such as to front-wheel drive or AWD (all wheel drive) according to various running conditions including normal driving, during cornering, on a uphill, when starting off, during acceleration, on a slippery roads due to snow or rain, thus contributing to stable operability and driving stability.

■ AVS (Adaptive Variable Suspension system) (if equipped)

By independently controlling the damping force of the shock absorbers for each of the 4 wheels according to the road and driving conditions, this system helps riding comfort with superior vehicle stability, and helps good vehicle posture. If Sport S+ mode is selected using the driving mode select switch, the damping force will become more suitable for sporty driving.
(→P.320)

■ Emergency brake signal

When the brakes are applied suddenly, the stop lights automatically flash to alert the vehicle behind.

■ The Secondary Collision Brake

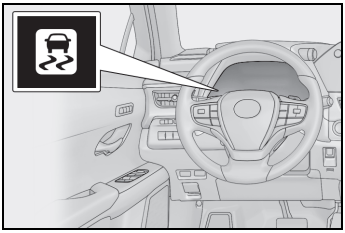
When the SRS airbag sensor detects a collision and the system operates, the brakes and brake lights are automatically controlled to reduce the vehicle speed and help reduce the possibility of further damage due to a secondary collision.

■ Vehicle Braking Posture Control [Roll Control]

Helps to suppress sudden vehicle roll changes and keep comfortable posture by performing rear inner wheel brake control when starting cornering

■ When the TRC/VSC/ABS systems are operating

The slip indicator light will flash while the TRC/VSC/ABS systems are operating.



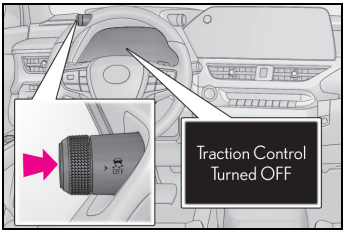
■ **Disabling the TRC system**

If the vehicle gets stuck in mud, dirt or snow, the TRC system may reduce power from the hybrid 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.

*: PCS (Pre-Collision System) will also be disabled (only Pre-Collision warning is available). The PCS warning light will come on and a message will be displayed on the multi-information display. (→P.250)

■ **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
- The 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 brake pedal is depressed and the parking brake is engaged
- A maximum of 2 seconds have elapsed after the brake pedal is released
- The power switch is turned 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 engine compartment when the brake pedal is depressed repeatedly, when the hybrid 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 engine 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 engine compartment when one or two minutes passed after the stop of the hybrid system.

Active Cornering Assist operation sounds and vibrations

When the Active Cornering Assist is operated, operation sounds and vibrations may be generated from the brake system, but this is not 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 hybrid 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 when the components are damaged.

■ **Secondary Collision Brake automatic cancellation**

The system is automatically canceled in any of the following situations.

- The vehicle speed drops to approximately 0 km/h (0 mph).
- A certain amount of time elapses during operation
- The accelerator pedal is depressed a large amount

■ **Operating conditions of Vehicle Braking Posture Control [Roll Control]**

The system operates when the following occurs.

- The vehicle speed is approximately 40 km/h (25 mph) or more and less than 120 km/h (75 mph)
- The brake pedal is released
- When the system detects steering operation over a certain level
- When the slip indicator light is not on or flashing (does not operate during vehicle stabilization control such as ABS, VSC, TRC, etc.)

■ **Cancel conditions of Vehicle Braking Posture Control [Roll Control]**

- TRC/VSC cannot operate
- The brake pedal is depressed (does not operate even during automatic braking such as Radar Cruise Control)

■ **If a message about AWD is shown on the multi-information display (AWD models)**

Perform the following actions.

- "AWD System Overheated Switching to 2WD Mode"

AWD system is overheated. Stop the vehicle in a safe place with the hybrid system operating.*

If the message disappears after a while, there is no problem. If the message remains, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

- "AWD System Overheated 2WD Mode Engaged"

AWD system has been temporarily released and switched to front-wheel drive due to overheating. Stop the vehicle in a safe place with the hybrid system operating.*

If the message disappears after a while, AWD system will automatically recover. If the message remains, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

- "AWD System Malfunction 2WD Mode Engaged Visit Your Dealer"

A malfunction occurs in the AWD system. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

*: When stopping the vehicle, do not stop the hybrid system until the display message has turned off.

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.

WARNING

■ 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

■ 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.

WARNING

■ 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.

Hybrid Electric Vehicle driving tips

For economical and ecological driving, pay attention to the following points:

Using Eco drive mode

When using Eco drive mode, the torque corresponding to the accelerator pedal depression amount can be generated more smoothly than it is in normal conditions. In addition, the operation of the air conditioning system (heating/cooling) will be minimized, improving the fuel economy. (→P.320)

Use of Hybrid System Indicator

The Eco-friendly driving is possible by keeping the indicator of Hybrid System Indicator within Eco area. (→P.99, 107)

Shift lever 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 fuel consumption. In the N, the gasoline engine operates but electricity cannot be generated. Also, when using the air conditioning system, etc., the hybrid battery (traction battery) power is consumed.

Accelerator pedal/brake pedal operation

- Drive your vehicle smoothly. Avoid abrupt acceleration and deceleration. Gradual acceleration and deceleration will make more effective use of the electric motor (traction motor) without having to use gasoline engine power.
- Avoid repeated acceleration. Repeated acceleration consumes hybrid battery (traction battery) power, resulting in poor fuel consumption. Battery power can be restored by driving with the accelerator pedal slightly released.

When braking

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

Delays

Repeated acceleration and deceleration, as well as long waits at traffic lights, will lead to bad fuel economy. Check traffic reports before leaving and avoid delays as much as possible. When driving in a traffic jam, gently release the brake pedal to allow the vehicle to move forward slightly while avoiding overuse of the accelerator pedal. Doing so can help control excessive gasoline consumption.

Highway 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 gasoline 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 fuel consumption as well.
In winter: Because the gasoline engine will not automatically cut out until it and the interior of the vehicle are warm, it will consume fuel. Also, fuel consumption can be improved by avoiding overuse of the heater.

Checking tire inflation pressure

Make sure to check the tire inflation pressure frequently. Improper tire inflation pressure can cause poor fuel economy.
Also, as snow tires can cause large amounts of friction, their use on dry roads can lead to poor fuel economy. Use tires that are appropriate for the season.

Luggage

Carrying heavy luggage will lead to poor fuel economy. Avoid carrying unnecessary luggage. Installing a large roof rack will also cause poor fuel economy.

Warming up before driving

Since the gasoline engine starts up and cuts out automatically when cold, warming up the engine is unnecessary. Moreover, frequently driving short distances will cause the engine to repeatedly warm up, which can lead to excess fuel consumption.

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.
  - Engine oil
  - Engine/power control unit coolant
  - Washer fluid
- Have a service technician inspect the condition of the 12-volt battery.
- Vehicles without run-flat tires: 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.
- Vehicles with run-flat tires: It is recommended that the vehicle is fitted with four snow run-flat 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 engine braking.
- Slow down sufficiently before entering a curve to ensure that vehicle control is maintained.
- Do not use LTA (Lane Tracing Assist) (if equipped).

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, outside rear view mirrors, windows, 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.210)

- If the vehicle is left parked with the brakes damp in cold temperatures, there is a possibility of the brakes freezing.

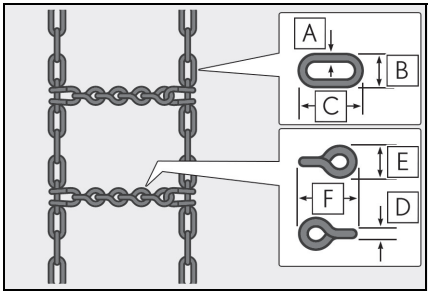
WARNING

■ 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.229)

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.
- AWD models: Avoid driving on very steep, slippery roads and other surfaces, such as sand, where the tires are liable to lose traction. Your vehicle may not perform as well as conventional AWD on-road vehicles on these surfaces.

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.
- 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 hybrid battery (traction battery), hybrid system or other components does not occur.

- Water entering the engine compartment may cause severe damage to the hybrid system. Water entering the interior may cause the hybrid battery stowed under the rear seats to short circuit.
- Water entering the hybrid transmission and rear electric motor (traction motor) will cause deterioration in transmission quality. The malfunction indicator may come on, and the vehicle may not be drivable.
- Water can wash the grease from wheel bearings, causing rusting and premature failure, and may also enter the hybrid transmission case, reducing the gear oil's lubricating qualities.

NOTICE

■ 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.

5-1. Lexus Climate Concierge

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5-2. Using the air conditioning system and defogger

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Heated steering wheel/seat heaters/seat ventilators..... 349

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5-5. Using the other interior features

Other interior features 364

Lexus Climate Concierge

The 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.

Lexus Climate Concierge can be operated using the air conditioning control panel (→P.341) and air conditioning control screen on the Center Display (→P.344).

Turning on Lexus Climate Concierge

Lexus Climate Concierge operates in conjunction with the automatic mode switch of the air conditioning control panel.

1 Select in the main menu on the Center Display.
2 Select “Climate”.
3 Select “Options”.
4 Select “Climate concierge”
5 Turn the automatic mode switch on.

Operation of each system

■ **Automatic air conditioning system (→P.341)**

The temperature can be adjusted independently for the driver seat and passenger seat.

■ **Seat heaters and ventilators (if equipped) (→P.349)**

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.349)**

Heated steering wheel operates automatically according to the set temperature of the air conditioning system, the outside temperature, etc.

■ **Seat heater/ventilator operation**

When automatic mode is selected using the seat heater/ventilator switch, passenger detection is not performed.

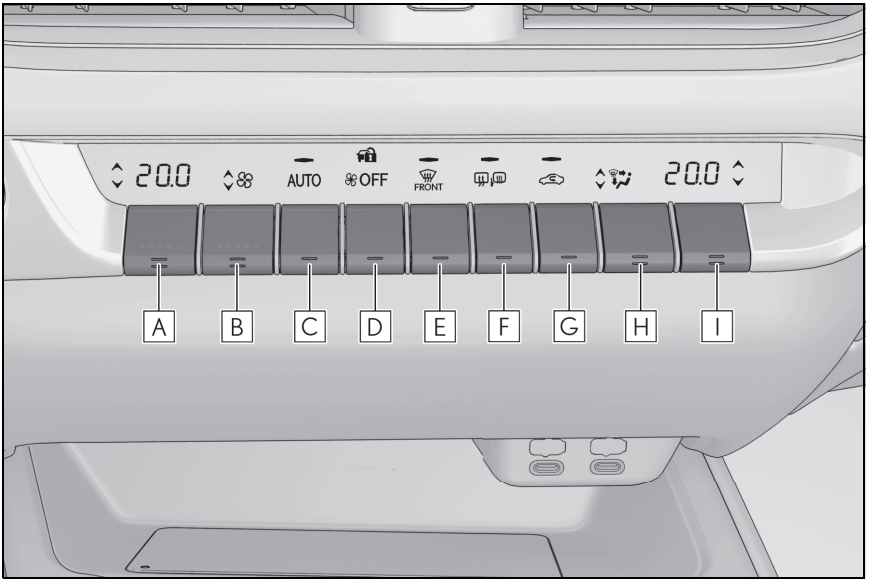
Automatic air conditioning system

Air outlets and fan speed are automatically adjusted according to the temperature setting.
The air conditioning system can be operated using the air conditioning control panel and air conditioning control screen on the Center Display (→P.344).

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

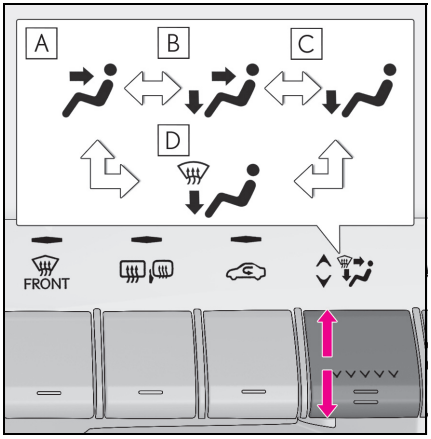
Operate the fan speed control switch upwards to increase the fan speed and downwards to decrease the fan speed.

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 quickly, 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.345

■ 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.

■ Registering air conditioning settings to electronic keys (vehicles with driving position memory)

- Unlocking the vehicle using an electronic key and turning the power switch to ON will recall that key's registered air conditioning settings.
- When the power switch is turned off, the current air conditioning settings will automatically be registered to the electronic key that was used to unlock the vehicle.
- The system may not operate correctly if more than one electronic key is in the vicinity or if the smart entry & start system is used to unlock a passenger door.
- The doors that can recall the air conditioning setting when unlocked using the smart entry & start system can be changed.* For details, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

*: The doors that can recall the driving position memory are changed at the same time.

■ Operation of the air conditioning system in Eco drive mode

- In Eco drive mode, the air conditioning system is controlled as follows to prioritize fuel efficiency
  - Engine 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
  - 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.

■ Using the voice control system

Air conditioning system can be operated using the voice control system. For details,

refer to the "MULTIMEDIA OWNER'S MANUAL".

■ **Air conditioning filter**

→P.412

■ **Customization**

Settings (e.g. A/C automatic mode switch operation) can be changed. (Customizable features: →P.508)

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.

■ **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 hybrid system is off.

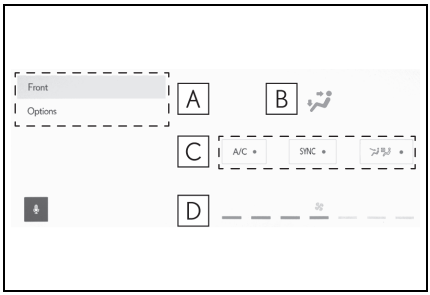
Air conditioning control screen

■ **Air conditioning control screen**

1 Select in the main menu on the Center Display.

2 Select "Climate".

If the option screen is displayed, select "Front".



A Sub menu

Selecting the sub menu item to switch the screen display.

"Front": Display the air conditioning control screen

"Options": Display the option screen

B Select the air flow mode

Each time the switch is selected, the airflow mode is changed.

: 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

C Turn the function on/off

Each of the following functions can be switched on and off.

When the function is on, the indicator illuminates on the control screen.

"A/C": Set cooling and dehumidification function

"SYNC": Adjust the temperature for driver and front passenger seats simultaneously

("SYNC" mode) (→P.346)

: Select front seat concentrated air flow mode (S-FLOW) (→P.347)

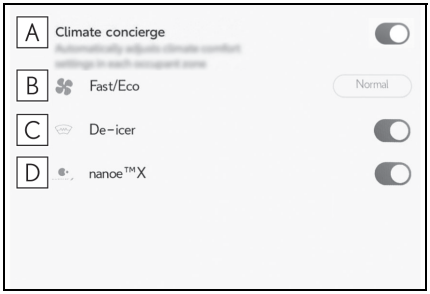
D Fan speed level display

The current fan speed level is displayed.

■ Option screen

Select "Options" on the air conditioning control screen (→P.344).

The functions can be switched (on) and (off), or the function settings can be changed.



A Set Lexus Climate Concierge (→P.340)

B Changing the fan speed setting during the automatic mode operation (Blower customization)

C Prevent ice from building up on the windshield and wiper blades (Windshield wiper de-icer) (if equipped)

D nanoe™ X* on/off

nanoe™ X is a nanoe™ generator.

*: nanoe™ and the nanoe™ mark are trademarks of Panasonic Corporation.

■ 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.

■ nanoe™ X*1

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 substances: 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 *2.

- When the fan is turned on and nanoe™ on the option control screen is selected, the nanoe™ X 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 the 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.

*1: nanoe™ X is a nanoe™ generator. nanoe™ and the nanoe™ mark are trademarks of Panasonic Corporation.

*2: According to temperature and humidity conditions, fan speed and direction of the air flow, 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 the current fan speed setting mode on the option control screen.

Each time the current fan speed setting mode 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™ X**

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™ X**

Do not insert anything into the side vent on the driver's side, attach anything to it, or use sprays around it. These things may cause the generator not to work properly.

Using automatic mode

1 Press the automatic mode switch.

2 Adjust the temperature setting.

3 To stop the operation, press the off switch.

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.

Adjusting the temperature for driver and front passenger seats simultaneously ("SYNC" mode)

To turn on the "SYNC" mode, select "SYNC" on the air conditioning control screen.

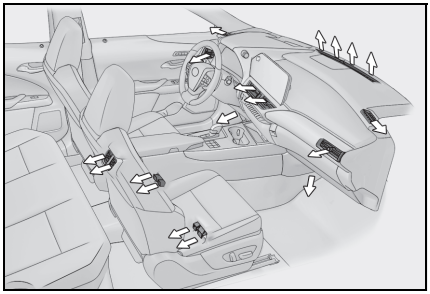
The driver's side temperature control switches can be used to adjust the temperature for the driver's and passenger's side. To enter individual mode, operate the passenger's side temperature control switches or select "SYNC" again.

When the "SYNC" mode is on, the indicator illuminates on display.

Air outlet layout and operations

■ **Location of air outlets**

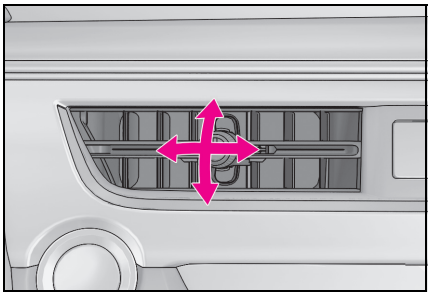
The air outlets and air volume changes according to the selected air flow mode.



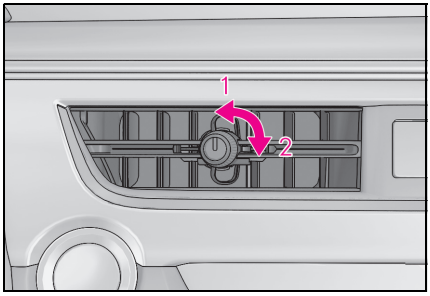
■ Adjusting the position of and opening and closing the air outlets

▶ Front

Direct air flow to the left or right, up or down



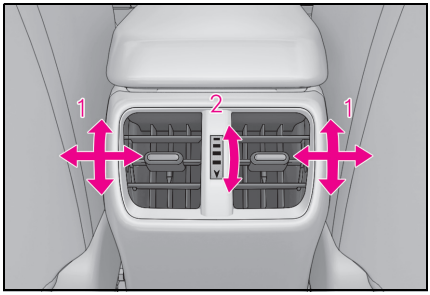
Turn the knob to open or close the vent



1 Open the outlet

2 Close the outlet

▶ Rear



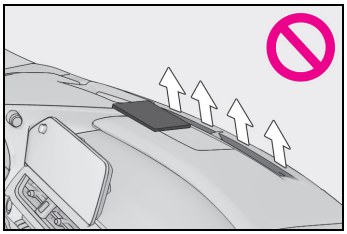
1 Direct air flow to the left or right, up or down

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 front seat concentrated airflow mode is enabled, air flow to the rear seats will be stopped for increased fuel efficiency.

Front seat concentrated airflow mode operates in the following situations.

- The windshield defogger is not operating

While operating, the indicator on the air conditioning control screen 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 air conditioning control screen (→P.344) 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 hybrid system is started and at other times depending on the outside temperature.
- After the hybrid 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.
- If it is very hot or very cold and the system determines that air conditioning to the whole vehicle is required, air flow will be directed to the rear seats, regardless of whether front seat concentrated airflow mode is enabled/disabled.
- If front seat concentrated airflow mode is disabled manually, it will be automatically enabled when the hybrid system is started after being stopped for a period of time.

Only when front seat concentrated airflow mode is enabled automatically, it will be automatically disabled when a rear door is opened and closed.

- When front seat concentrated airflow mode is enabled manually, air flow will not be directed to the rear seats, even though a rear door is opened and closed.

To direct air flow to the rear seats, manually disable front seat concentrated airflow mode.

■ Passenger detection conditions

- The detection of a rear seat passenger is made by the opening/closing of a rear door.

Once the system determines the presence of a rear seat passenger, it will not determine otherwise during that trip.

■ 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.

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

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 hybrid system is off.

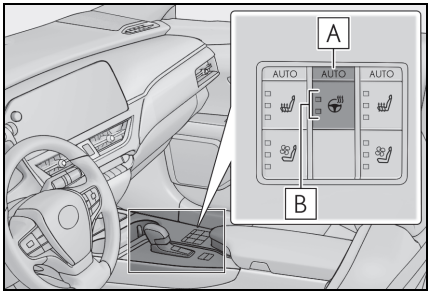
Heated steering wheel

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.509)

Seat heaters and ventilators (front seats)

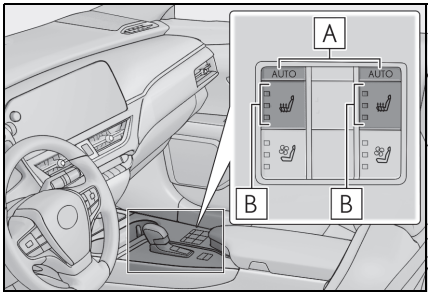
■ Seat heaters

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.

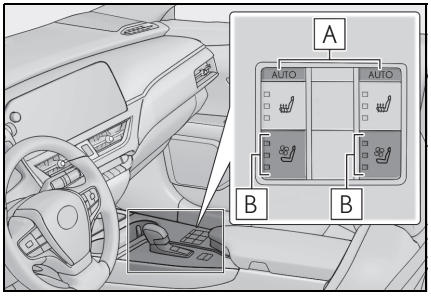


Seat ventilators

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 heaters and ventilators can be changed. (Customizable features: →P.509)

WARNING

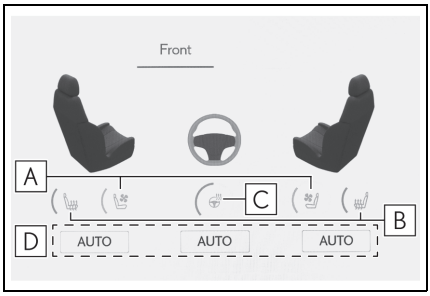
To prevent causes of overheating and minor burn injuries

Observe the following precautions when using the seat heaters.

- Do not cover the seat with a blanket or cushion when using the seat heater.
- Do not use seat heater more than necessary.

Control screen

1. Select in the main menu on the Center Display.
2. Select "Comfort".



A Adjust the seat ventilator fan speed level

Each time the switch is selected, the fan speed level and level indicator (blue) change as follows:

Hi (3 segments lit) → Mid (2 segments lit) → Lo (1 segment lit) → Off

B Adjust the seat heater temperature level

Each time the switch is selected, the tem-

perature level and level indicator (red) change as follows:

Hi (3 segments lit) → Mid (2 segments lit) → Lo (1 segment lit) → Off

C Adjust the heated steering wheel temperature level

Each time the switch is selected, the temperature level and level indicator (red) change as follows:

Hi (2 segments lit) → Lo (1 segment lit) → Off

D Set the automatic mode

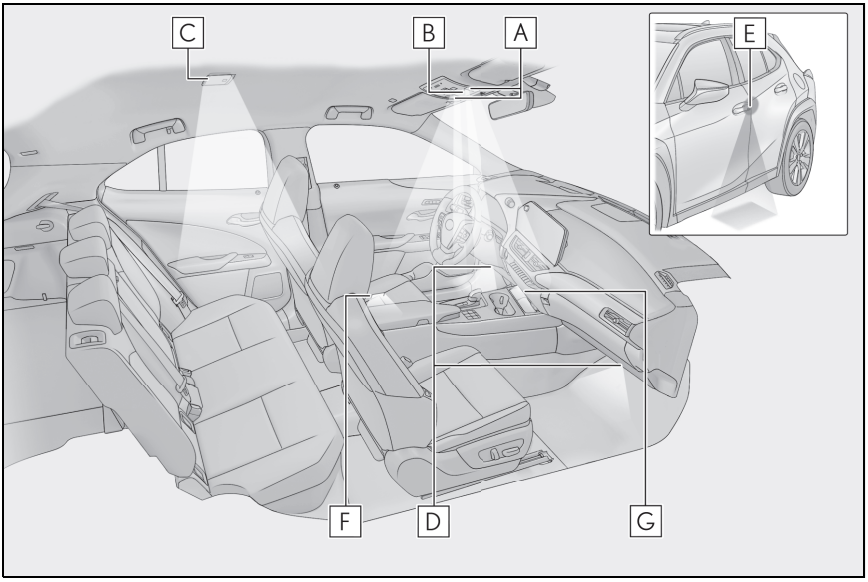
Each of the following functions can be set to automatic mode.

When the automatic mode is on, the switch on the screen illuminates.

- Left-hand side seat heater/seat ventilator
- Right-hand side seat heater/seat ventilator
- Heated steering wheel

Interior lights list

Location of the interior lights



A Personal lights (→P.354)

B Front interior light (→P.353)

C Rear interior light (→P.353)

D Footwell lights

E Outside door handle lights (if equipped)

F Door courtesy lights

G Auxiliary tray lights (if equipped)

■ **Illuminated entry system**

The lights automatically turn on/off according to the power switch mode, the presence of the electronic key, whether the doors are locked/unlocked, and whether the doors are opened/closed. Also, the brightness of the lights is automatically adjusted linked with the shift operation.

■ **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.509)

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**

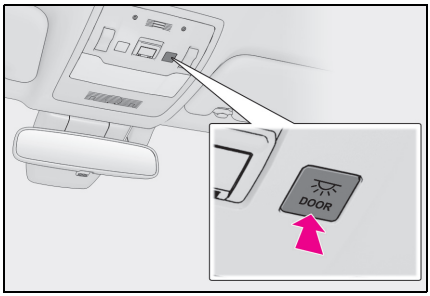
Do not leave the lights on longer than necessary when the hybrid system is off.

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.

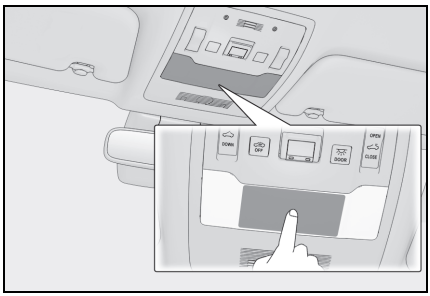


■ **Turning the lights on/off**

▶ Front

Turns the lights on/off (touch the light)

When a door is opened while the door position is on, the lights turn on.

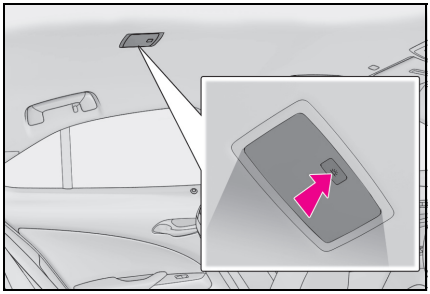


▶ Rear

On/off

The rear interior light turns on/off with the front interior light.

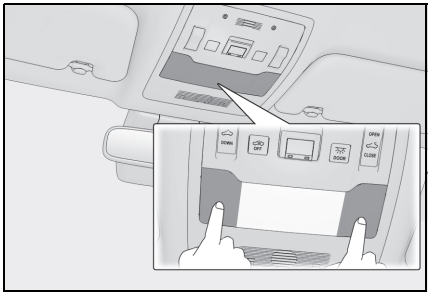
When a door is opened while the door position is on, the lights turn on.



Operating the personal lights

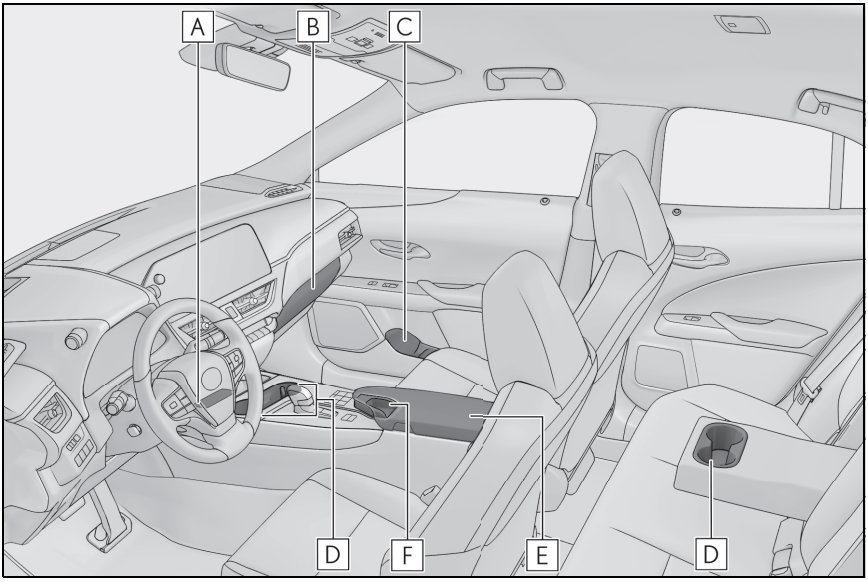
■ Turning the lights on/off

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.366)

B Glove box (→P.356)

C Bottle holders (→P.357)

D Cup holders (→P.356)

E Console box (→P.356)

F Coin holder (→P.357)

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:

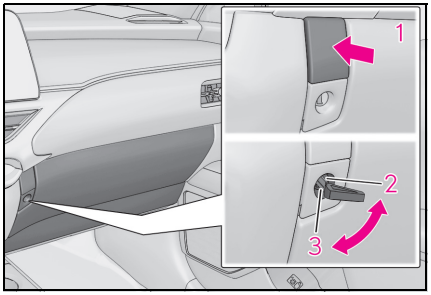
- Glasses may be deformed by heat or cracked if they come into contact with other stored items.
- Lighters or spray cans may explode. If they come into contact with other stored items, the lighter may catch fire or the spray can may release gas, causing a fire hazard.

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



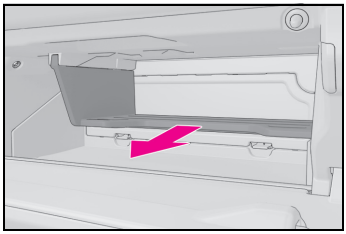
1 Open (press the button)
2 Unlock with the mechanical key
3 Lock with the mechanical key

■ Glove box light

The glove box light turns on when the tail lights are on.

■ Removing the partition

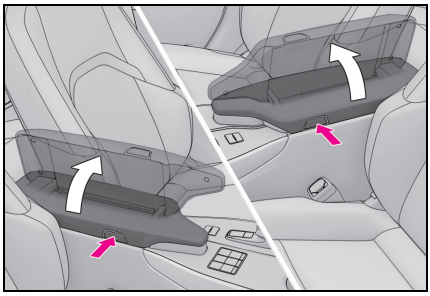
The partition inside the glove box can be removed by pulling it.



Console box

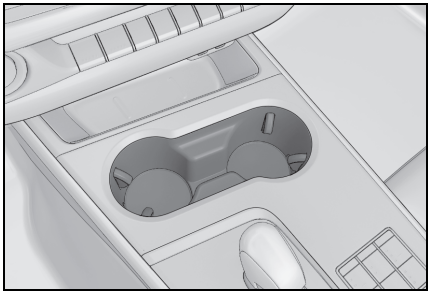
Lift the lid while pushing the button to release the lock.

The console box can be opened from either side.



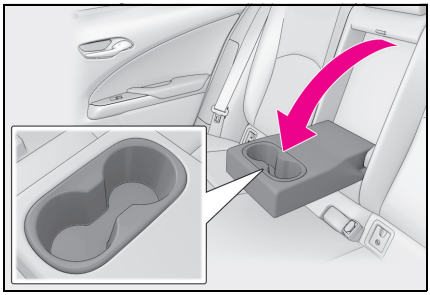
Cup holders

■ Front



■ Rear

Pull down the armrest.

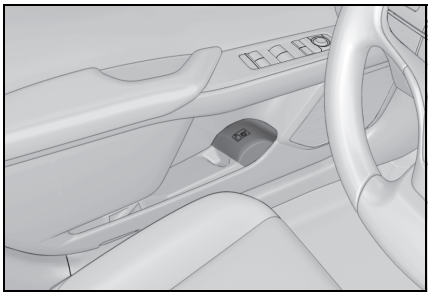


WARNING

■ **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.

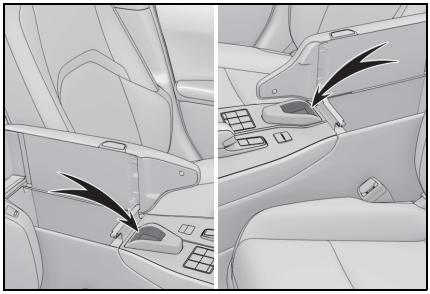
NOTICE

■ **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.356)



NOTICE

■ **Coin holder**

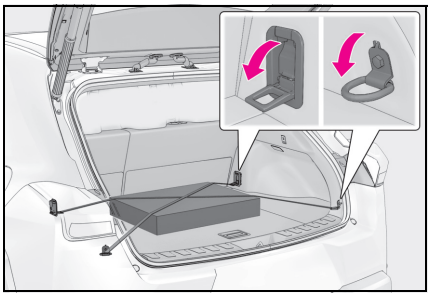
Do not insert coins exceeding the height of the tray. Doing so may prevent opening and closing of the lid.

Luggage compartment features

Cargo hooks

Raise the hooks to use.

The cargo hooks are provided for securing loose items.



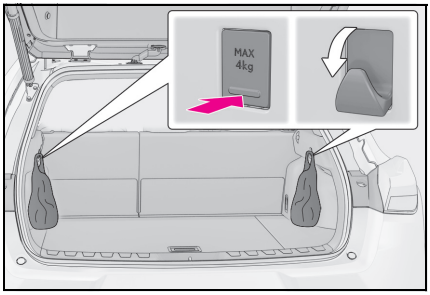
WARNING

■ 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

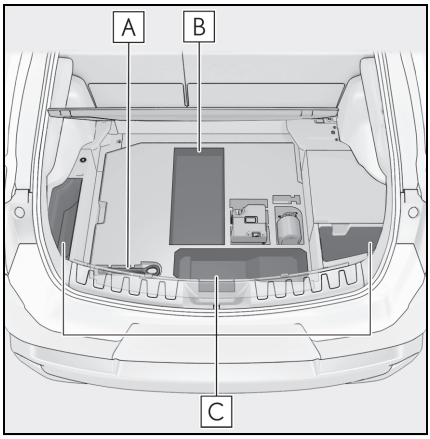
Do not hang any object heavier than 4kg (9 lb.) on the grocery bag hooks.

Deck under tray

Lift the deck board and attach the string. (→P.359) The following items can be stowed.

■ Vehicles without compact spare tire

▶ 2WD models



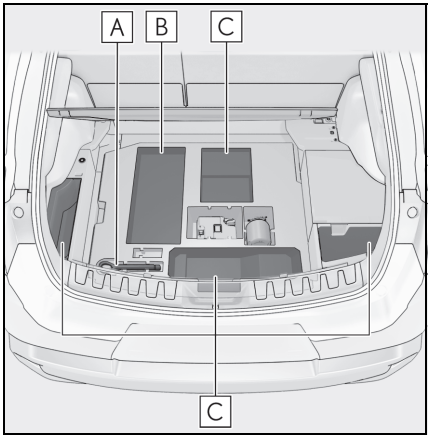
A Towing eyelet

B Warning reflector*

C Accessories

*: The warning reflector itself is not included as an original equipment.

▶ AWD models



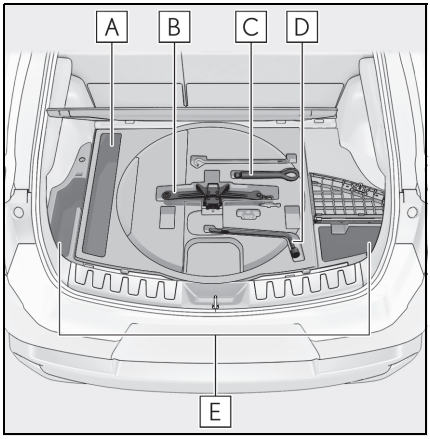
A Towing eyelet

B Warning reflector*

C Accessories

*: The warning reflector itself is not included as an original equipment.

■ **Vehicles with compact spare tire**



A Warning reflector*

B Jack

C Towing eyelet

D Wheel nut wrench

E Accessories

*: The warning reflector itself is not included as an original equipment.

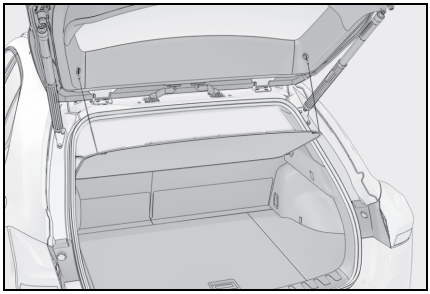
■ **Warning reflector**

Depending on the size and shape of the warning reflector case, you may not be able to store it.

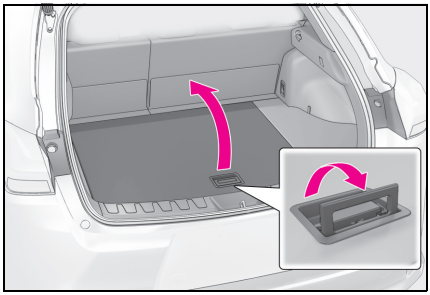
Deck board

▶ Center

1 Open the back door.

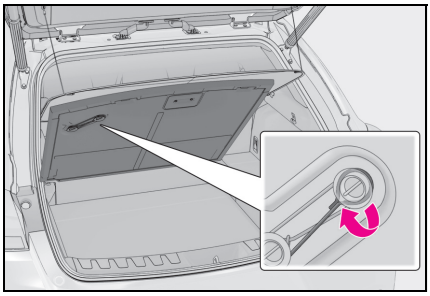


2 Pull the lever upwards and open the deck board.

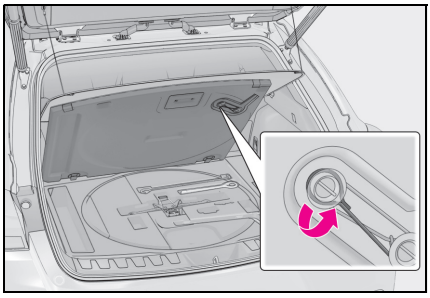


3 Unhook the string on the backside of the deck board.

Vehicles without compact spare tire:

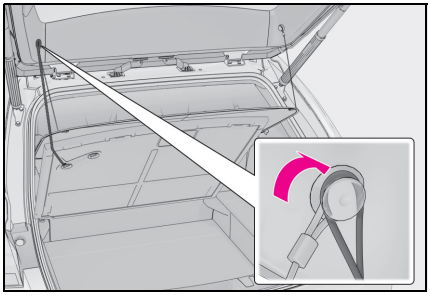


Vehicles with compact spare tire:

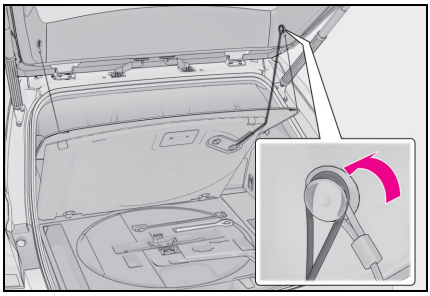


4 Attach the string to the luggage cover hook on the back door.

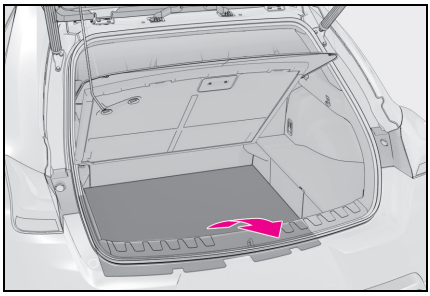
Vehicles without compact spare tire:



Vehicles with compact spare tire:

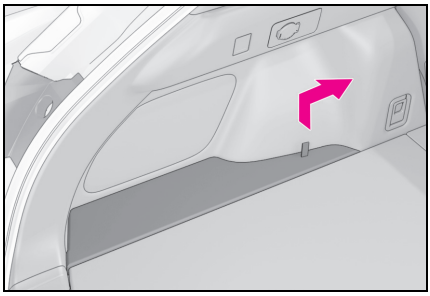


5 Remove the deck mat. (vehicles without compact spare tire.)



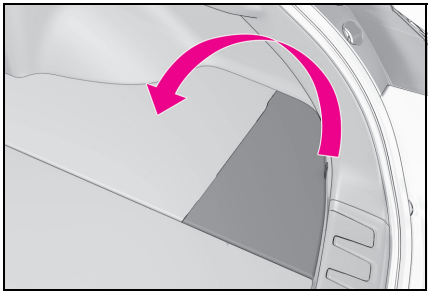
▶ Left side

Pull the strap upwards to lift the side deck board and remove it.



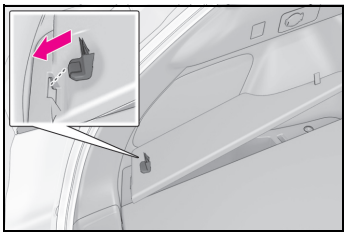
▶ Right side

Pull the strap and fold the side deck board.



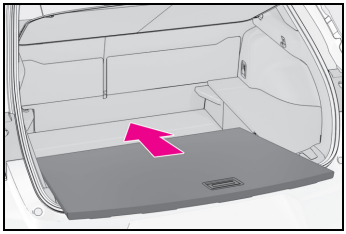
■ When installing the side deck board (left side)

Insert the claw of the side deck board and install it.



■ Deck board (vehicles without compact spare tire)

The deck board can be stowed to load a tall luggage.



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

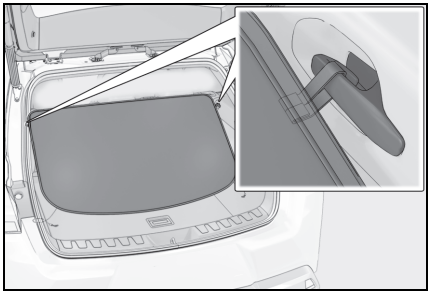
■ Installing the luggage cover

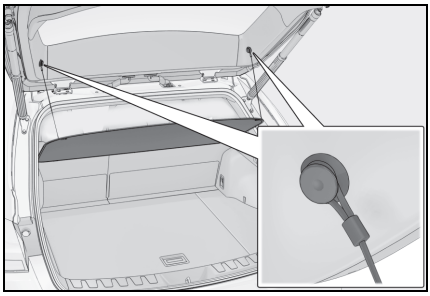
1 Take out the luggage cover from the bag.

2 Slowly unfold the luggage cover.

3 Attach the strings to the luggage cover hooks.

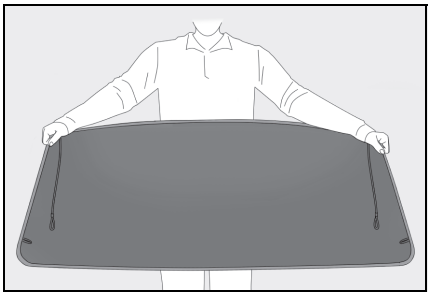
Make sure that the side the strings are sewn faces down.



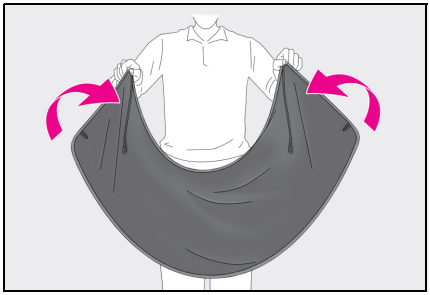


■ Stowing the luggage cover

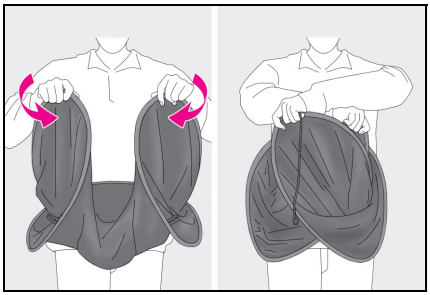
1 Hold the luggage cover corners of the side with the long strings.



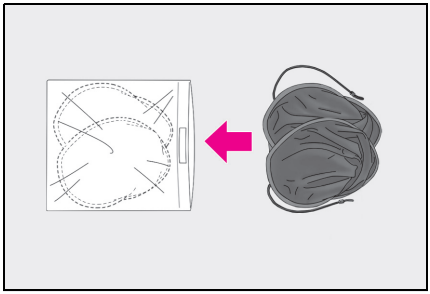
2 Fold it in half.



3 Turn your wrists to fold it.

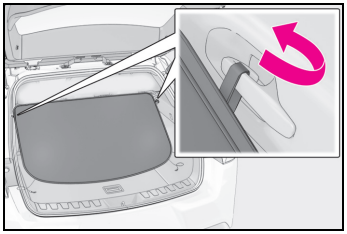


4 Put it in the bag.



■ 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.

WARNING

■ 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.

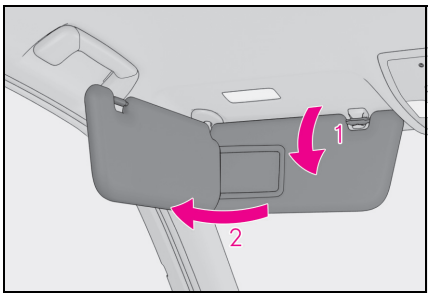
NOTICE

■ 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

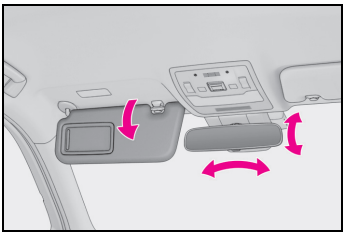


1 To set the visor in the forward position, flip it down.

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

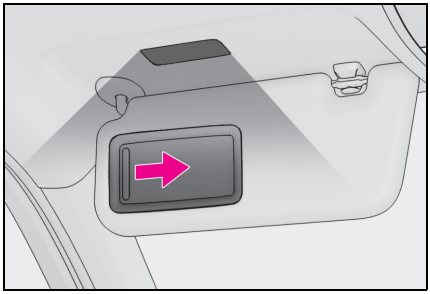
Adjust the inside rear view mirror to enable sufficient confirmation of the rear view without interfering with the sun visor.



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 hybrid system is off.

Power outlet

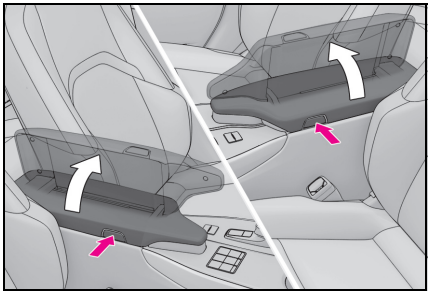
Please use a power supply for electronic goods that use less than 12 VDC/10 A (power consumption of 120 W).

When using electronic goods, make sure that the power consumption of all the connected power outlets is less than 120 W.

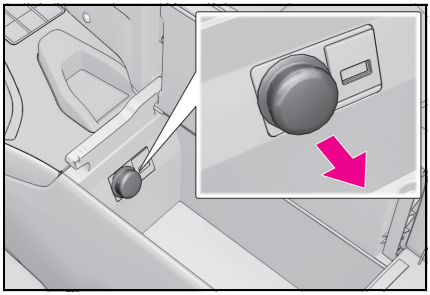
▶ Inside of the console box

Lift the lid while pushing the button to release the lock.

The console box can be opened from either side.

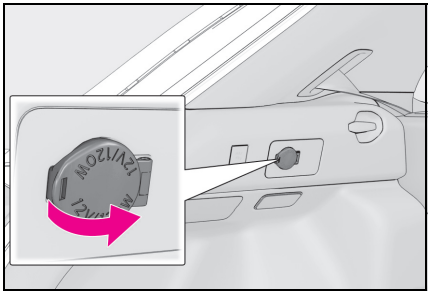


Open the lid.



▶ Rear

Open the lid.



■ **The power outlet can be used when**

The power switch is in ACC or ON.

■ **When stopping the hybrid system**

Disconnect electrical devices with charging functions, such as mobile battery packs. If such devices are left connected, the hybrid 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 hybrid 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:

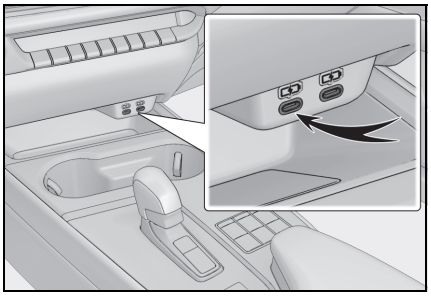
- The doors will not be able to be locked.
- The opening screen will be displayed on the multi-information display.
- The interior lights, instrument panel lights, etc. will illuminate.

USB Type-C charging ports

The USB Type-C charging ports are used to supply 3.0 A of electricity at 5 V to external devices.
The USB Type-C 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.

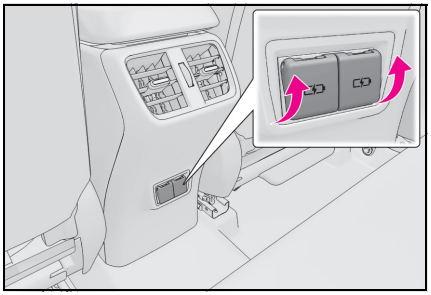
■ Using the USB Type-C charging ports

▶ Front



▶ Rear side of the console box

Open the lid.



■ The USB Type-C charging ports can be used when

The power switch is in ACC or ON.

■ Situations in which the USB Type-C charging ports may not operate correctly

- If a device which consumes more than 3.0 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 Type-C charging ports

- Do not insert foreign objects into the ports.
- Do not spill water or other liquids into the ports.
- Rear side of console box: When the USB Type-C 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 Type-C charging ports.
- Do not disassemble or modify the USB Type-C 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 Type-C charging ports for a long period of time with the hybrid system stopped.

Wireless charger (if equipped)

A portable device can be charged by just placing Qi standard wireless

charge compatible portable devices according to the Wireless Power Consortium, such as smartphones and mobile batteries, etc., on the charge area.

The compatible portable devices can be found on the following Wireless Power Consortium website.

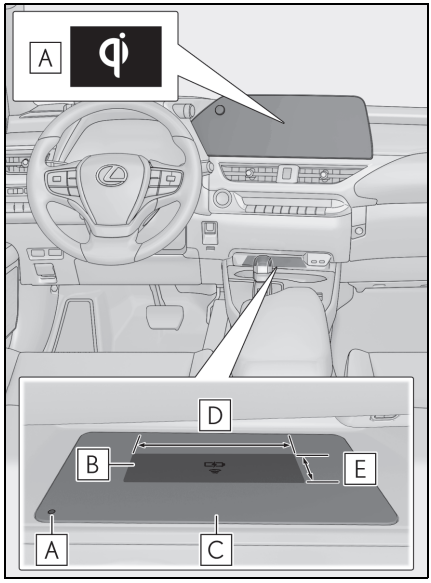
https://www.wirelesspowerconsortium.com/

This function cannot be used with portable devices that cannot be placed on the wireless charger. Also, depending on the portable device, it may not operate as normal. Please read the operation manual for portable devices to be used.

■ **The "Qi" logo**

The "Qi" logo is a trademark of the Wireless Power Consortium.

■ **Name for all parts**



A Operation indicator light

B Charge area*

C Charging tray

D Approximately 10 cm (3.9 in.)

E Approximately 2.5 cm (1.0 in.)

*: The charging coil in the wireless charger can be moved within the charge area up to the position of the charging coil inside a portable device. Charging is possible if the center of the coil of the portable device is placed within the charge area. If 2 or more portable devices are placed on the wireless charger, their charging coils may not be properly detected and they may not be charged.

■ **Using the wireless charger**

Place the portable device on the wireless charger.

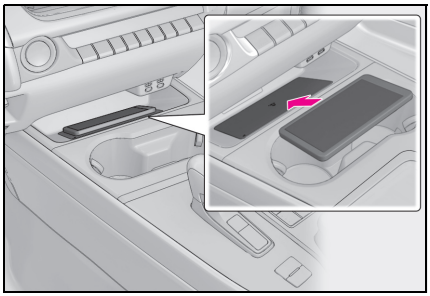
Place the charging side of the portable

device down with the center of the device in the center of the charge area.

When charging, the operation indicator light (orange) on the wireless charger comes on.

Refer to "Situations in which the function may not operate normally" (→P.372) when charging is not performed.

When charging is complete, the operation indicator light (green) on the wireless charger comes on.



■ Recharging function

- When charging is complete and after a fixed time in the charge suspension state, charging restarts.
- When a portable device is moved significantly in the charge area, the charging coil is disconnected and charging is stopped momentarily. However, if there is the center of a charging coil in the charge area, the charging coil inside the wireless charger will move toward it and then charging restarts. If the portable device is moved to somewhere outside of the charge area, charging will stop. Place the portable device near the center of the charge area.

■ Rapid charging function

- The following portable devices support rapid charging.
  - Portable devices compliant with WPC Ver1.3.2 and compatible with rapid charging
  - iPhone's with an iOS version that supports 7.5 W charging (iPhone 8 and later models)
  - Portable devices compatible with Galaxy original rapid charging standard.
- When a portable device that supports rapid charging is charged, charging automatically switches to the rapid charging function.

■ Lighting conditions of operation indicator light

Operation indicator light		Conditions
Charging tray side	Center display side	
Turning off	Disappear	When power for Multimedia is off or the power switch is off
Green (comes on)	Gray	On Standby (charging possible state)*1
		When charging is complete*2
Orange (comes on)	Blue	Charging

*1: Charging power will not be output during standby. A metallic object will not be heated,

if it is placed on the wireless charger in this state.

*2: Depending on the portable device, there are cases where the operation indicator light will continue being lit up orange even after the charging is complete.

■ When the wireless charger does not operate properly

When the wireless charger does not operate properly, handle the probable cause based on the following tables.

Operation indicator light		Suspected causes/Handling method
Charging tray side	Center display side	
Orange (Flashing repeatedly once every second)	Gray	**Vehicle to wireless charger communication failure** **→ If the hybrid system is operating, stop and then restart the hybrid system.** If the power switch is in ACC, start the hybrid system. (→P.196)
Green (Flashing repeatedly once every second)	Disappear*	**Wireless charger and multimedia system communication failure** **→ If the hybrid system is operating, stop and then restart the hybrid system.** If the power switch is in ACC, start the hybrid system. (→P.196)
Green (comes on)	Blue	**The smart entry & start system is detecting the electronic key.** **→ Wait until electronic key detection has completed.**

Operation indicator light		Suspected causes/Handling method
Charging tray side	Center display side	
Green (comes on)	Gray	Foreign substance detection: The abnormal heating prevention function for foreign substances operated due to the presence of a metallic foreign substance in the charge area → Remove the foreign substance from the charge area.
		Portable device misaligned / distanced from charging surface: The center of charging coil in the portable device moved outside of the charging area, or lens convex is large, or case is thick so the abnormal heating prevention function operated → Remove the portable device from the wireless charger, after 5 seconds, then place the portable device so that it is near the center of the wireless charger. Also, if a case or cover is installed to the portable device, remove it.

Operation indicator light		Suspected causes/Handling method
Charging tray side	Center display side	
Green (comes on)	Gray	**Battery protection function of portable device:** **Before full charging, battery protection function of portable device operated** **→ Confirm the setting of portable device.**
		Continued detection of an electronic key: **When a Multimedia function is used through vehicle customization, the electronic key is continually detected without being confirmed.** **→ In this case, turn the power switch ACC or ON to confirm the key.**
Orange (Repeatedly flashes 4 times continuously)	Gray	**Safety shutdown resulting when the temperature within the wireless charger exceeded the set value** **→ Stop charging, remove the portable device from the wireless charger, wait for the temperature to drop, and then start charging again.**

*: Depending on the abnormal condition, the Center display may be gray.

■ **The wireless charger can be operated when**

The power switch is in ACC or ON.

■ **Usable portable devices**

- Devices compatible with wireless charging Qi standards can be used. However, compatibility with portable devices that comply with Qi Ver. 1.0, 1.3.2 and later versions is not guaranteed.
- Starting with mobile phones and smartphones, it is aimed for low power electrically supplied portable devices of no more than 5W.
- However, charging exceeding 5 W is supported by the following portable devices.
  - Charging at 7.5 W or less is supported by iPhone's that support 7.5 W charging.
  - Charging at 10 W or less is supported by Galaxy device that support 10 W charging of original standard.
  - Charging at 15 W or less is supported by portable devices compliant with EPP output as defined by WPC standard Ver1.3.2.

■ **Using the smart entry & start system**

If the smart entry & start system detects the electronic key while a device is being charged, charging will be temporarily stopped. When the electronic key is detected, charging will automatically start again.

■ **When covers and accessories are attached to portable devices**

Do not charge in situations where cover and accessories not able to handle Qi are attached to the portable device. Depending

on the type of cover (including for certain genuine manufacturer parts) and accessory, it may not be possible to charge. When charging is not performed even with the portable device placed on the charge area, remove the cover and accessories.

■ **Important points of the wireless charger**

- If the electronic key cannot be detected within the vehicle interior, charging cannot be done. When the door is opened and closed, charging may be temporarily suspended.
- When charging, the wireless charging device and portable device will get warmer, however this is not a malfunction.
  When a portable device gets warm while charging, charging may stop due to the protection function on the portable device side. In this case, when the temperature of the portable device drops significantly, charge again.

The fan may start operating to lower the temperature inside the wireless charger, however this is not a malfunction.

■ **Operation sounds**

A buzzing noise may be heard when pressing the power switch to turn to ACC or ON or when detecting a portable device. However, this is not a malfunction.

■ **Cleaning the wireless charger**

→P.382

■ **Situations in which the function may not operate normally**

Devices may not be charged normally in the following situations.

- The portable device is fully charged
- The portable device is being charged with a cable connected
- There is foreign matter between the charge area and portable device
- Charging has caused the portable device to heat up
- The temperature around the wireless charger is 35°C (95°F) or higher, such as in extreme heat
- The portable device is placed with its charging surface facing up
- The small portable device such as foldable type is placed in an area misaligned from the charge area
- The portable device is larger than the charging tray
- The vehicle is in an area where strong electrical waves or noise are emitted, such as near a television tower, power plant, gasoline station, broadcasting station, large display, airport, etc.
- The electronic key is not inside the vehicle
- Any of the following is stuck or installed between the charging side of the portable device and the charge area.
  - Thick cases or covers
  - A case or cover attached with an uneven or tilted surface, so that the charging side is not flat
  - Thick decorations
  - Accessories, such as finger rings, straps, etc.
- When there is a gap between the charging side of the portable device and the charge area due to a protrusion such as a camera on the charging side of the portable device.
- When the portable device is in contact with, or is covered by any of the following metallic objects:
  - A card that has metal on it, such as aluminum foil, etc.
  - A pack of cigarettes that includes aluminum foil
  - A wallet or bag that is made of metal
  - Coins
  - A heating pad
  - CDs, DVDs or other media
  - A metal accessory
  - A case or cover made of metal
  - A flip type case with a magnet on the charging side of the portable device
- Electric wave type wireless remote controls are being used nearby
- 2 or more portable devices are placed on the wireless charger at the same time
- If you use a device with a built-in S-Pen

(Galaxy Note series, etc.) and the device with the S-Pen inserted is on the tray.

If charging is abnormal or the operation indicator light continues to flash for any other reason, the wireless charger may be malfunctioning. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

If the smartphone OS has been updated

If the smartphone OS has been updated to a newer version, its charging specifications may have changed significantly. For details, check the information on the manufacturer's website.

Trademark information

- iPhone is a trademark of Apple Inc., registered in the U.S. and other countries.
- Galaxy is a trademark or registered trademark of Samsung Electronics Co.,Ltd.

WARNING

Caution while driving

When charging a portable device, for safety reasons, the driver should not operate the main part of the portable device while driving.

Precautions for when driving

Do not charge small, lightweight portable devices, such as wireless earbuds, while driving. Lightweight devices may fly off of the charging tray, possibly leading to an accident.

Caution regarding interference with electronic devices

People with implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverters, as well as any other electrical medical device, should consult their physician about the usage of the wireless charger.

To prevent malfunctions or burns

Observe the following precautions. Failure to do so may result in a equipment failure and damage, catch fire, burns due to overheat or electric shock.

- Do not insert any metallic objects between the charge area and the portable device while charging
- Do not attach an aluminum sticker or other metallic object to the charge area
- Do not attach an aluminum sticker or other metallic object to the side of the portable device (or to its case or cover) that touches the charge area
- Do not store items on the wireless charger instead of in an auxiliary box
- Do not subject to a strong force or impact
- Do not disassemble, modify or remove
- Do not charge devices other than specified portable devices
- Keep away from magnetic items
- Do not perform charging if the charging area is dirty
- Do not cover with a cloth or similar material

NOTICE

To prevent malfunctions and data corruptions

- When charging, bringing a credit, or other magnetic card, or magnetic storage media close to the charge area may clear any stored data due to magnetic influence. Also, do not bring a wristwatch or other precision instrument close to the charge area since doing so may cause it to malfunction.

NOTICE

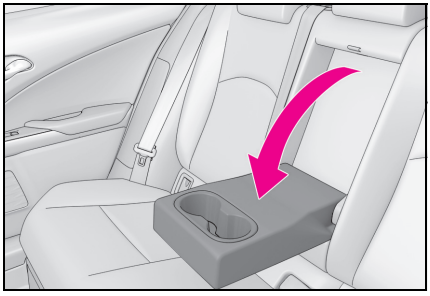
- Do not charge with a non-contact IC card such as a transportation system IC card inserted between the charging side of a portable device and the charge area. The IC chip may become extremely hot and damage the portable device or IC card. Be especially careful not to charge a portable device inside a case or cover with a non-contact IC card attached.
- Do not leave portable devices inside the vehicle. The inside of the vehicle can become hot in extreme heat, which could cause a malfunction.

■ To prevent 12-volt battery discharge

Do not use the wireless charger for a long period of time when the hybrid system is stopped.

Armrest

Fold down the armrest for use.



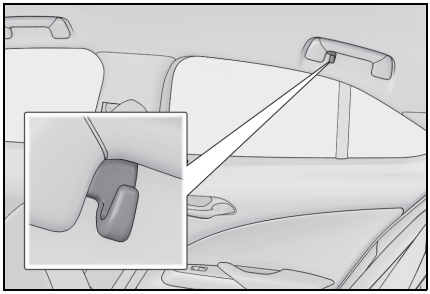
NOTICE

■ 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.



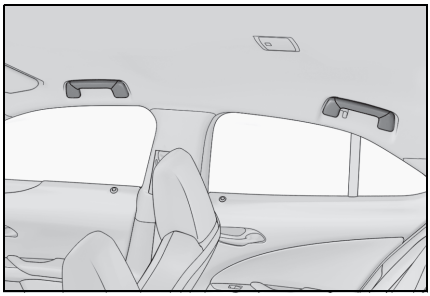
WARNING

■ 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.

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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.
- When the shift position needs to be held in N, refer to P.207.

■ 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.153)
- 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.

■ Brake pads and calipers

Rust may form if the vehicle is parked with wet brake pads or disc rotors, causing them to stick. Before parking the vehicle after it is washed, drive slowly and apply the brakes several times to dry the parts.

■ 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.

■ 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.

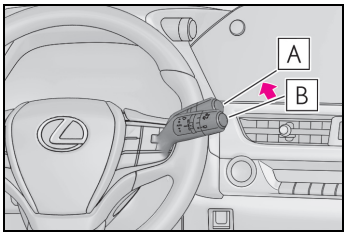
WARNING

■ When washing the vehicle

Do not apply water to the inside of the engine 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

Precautions regarding the exhaust pipe

Exhaust gasses cause the exhaust pipe to become quite hot.
When washing the vehicle, be careful not to touch the pipe until it has cooled sufficiently, as touching a hot exhaust pipe can cause burns.

Precaution regarding the front and rear bumpers

If the paint of the front and 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)
- Automatic Rear Flashing Hazard Lights (if equipped)
- RCTA (if equipped)
- PKSB (if equipped)
- SEA (if equipped)
- Lexus parking assist-sensor (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.

NOTICE

■ When using a high pressure car wash

- When washing the vehicle, do not spray the camera or its surrounding area directly with a high pressure washer. Shock applied from high pressure water may cause the device to not operate normally.
- Do not spray water directly on the radar which is equipped behind the radar sensor cover. Otherwise it may cause the device to be damaged.
- 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.
- 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.

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, such as on the floor, in the hybrid battery (traction battery) air intake vent, and in the luggage compartment. (→P.80)
  Doing so may cause the hybrid battery, electrical components, etc., to malfunction or catch fire.
- Do not get any of the SRS components or wiring in the vehicle interior wet. (→P.37)
  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.366) 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.238)

■ 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.395)

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:

- Engine missing, stumbling or pinging
- Appreciable loss of power

- Strange engine noises
- A fluid leak under the vehicle (However, water dripping from the air conditioning system after use is normal.)
- Change in exhaust sound (This may indicate a dangerous carbon monoxide leak. Drive with the windows open and have the exhaust system checked immediately.)
- 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
- Engine coolant temperature continually higher than normal (→P.96, 102)

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.395)	• Grease • Conventional wrench (for terminal clamp bolts)
Engine/power control unit coolant level (→P.393)	• "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)
Hybrid battery (traction battery) air intake vent (→P.413)	• Vacuum cleaner, etc. • Phillips screwdriver
Engine oil level (→P.391)	• "Toyota Genuine Motor Oil" or equivalent • Rag or paper towel • Funnel (used only for adding engine oil)
Fuses (→P.419)	• Fuse with same amperage rating as original
Light bulbs (→P.421)	• Bulb with same number and wattage rating as original
Radiator and condenser (→P.394)	–
Tire inflation pressure (→P.409)	• Tire pressure gauge • Compressed air source
Washer fluid (→P.394)	• Water or washer fluid containing antifreeze (for winter use) • Funnel (used only for adding water or washer fluid)

WARNING

The engine 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 engine compartment**

● Make sure that "POWER ON" on the multi-information display and the "READY" indicator are both off.

WARNING

- Keep hands, clothing and tools away from the moving fan and engine drive belt.
- Be careful not to touch the engine, power control unit, radiator, exhaust manifold, etc., right after driving as they may be hot. Oil and other fluids may also be hot.
- Do not leave anything that may burn easily, such as paper and rags, in the engine compartment.
- Do not smoke, cause sparks or expose an open flame to fuel. Fuel fumes are flammable.
- 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.394)

■ Safety glasses

Wear safety glasses to prevent flying or falling material, fluid spray, etc., from getting in your eyes.

NOTICE

■ If you remove the air cleaner filter

Driving with the air cleaner filter removed may cause excessive engine wear due to dirt in the air.

■ If the fluid level is low or high

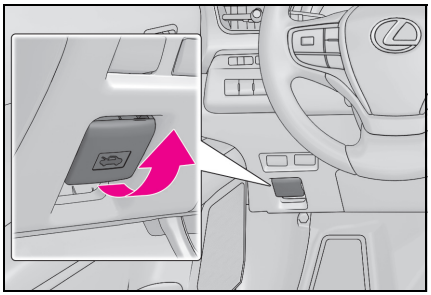
It is normal for the brake fluid level to go down slightly as the brake pads wear or when the fluid level in the accumulator is high.
If the reservoir needs frequent refilling, it may indicate a serious problem.

Hood

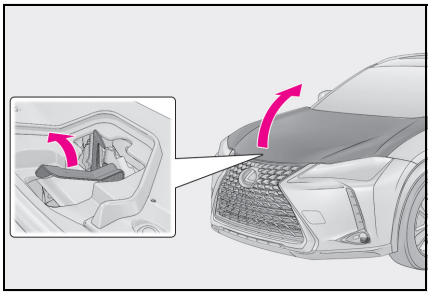
Opening the hood

1 Pull the hood lock release lever.

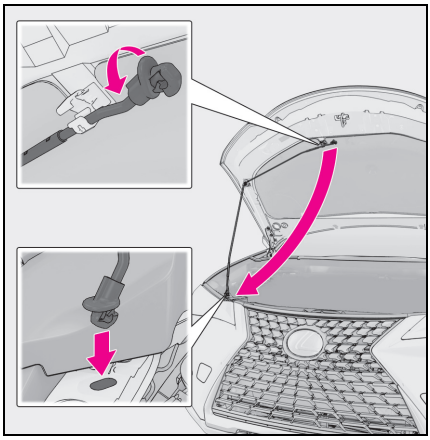
The hood will pop up slightly.



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

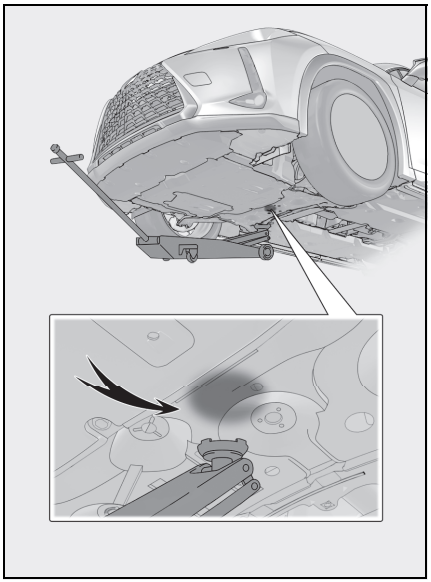
Be sure to return the support rod to its clip before closing the hood. Closing the hood without returning the support rod properly may cause the hood to be damaged.

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.

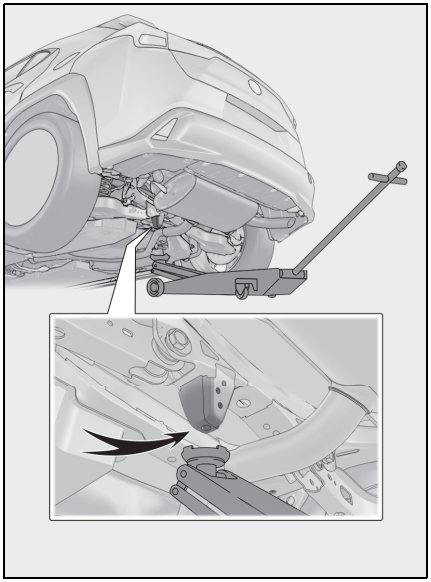
Location of the jack point

■ Front

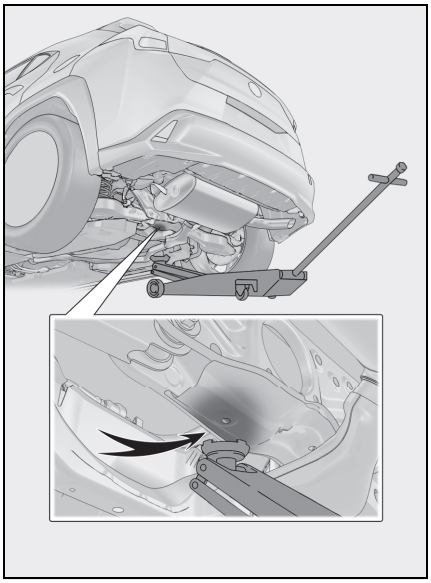


■ Rear

▶ 2WD models

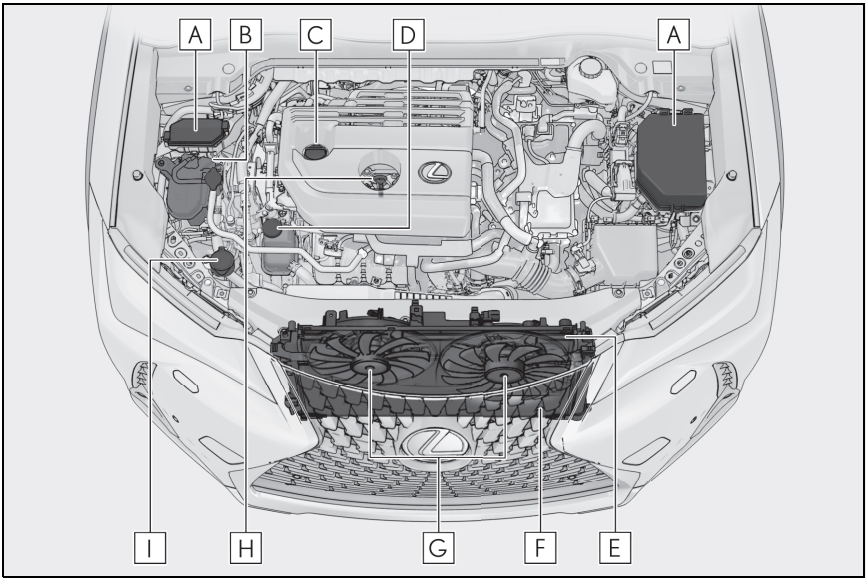


▶ AWD models



Engine compartment

Components



A Fuse boxes (→P.419)

B Engine coolant reservoir (→P.393)

C Engine oil filler cap (→P.392)

D Power control unit coolant reservoir (→P.393)

E Radiator (→P.394)

F Condenser (→P.394)

G Electric cooling fans

H Engine oil level dipstick (→P.391)

I Washer fluid tank (→P.394)

■ **12-volt battery**

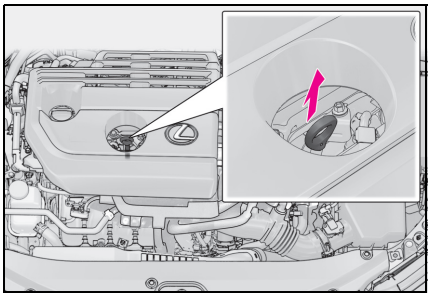
→P.395

Checking the engine oil

With the engine at operating temperature and turned off, check the oil level on the dipstick.

1 Park the vehicle on level ground. After warming up the engine and turning off the hybrid system, wait about 5 minutes for the oil to drain back into the bottom of the engine.

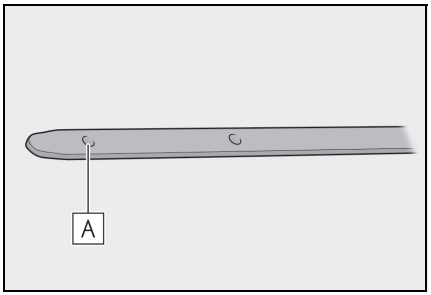
2 Holding a rag under the end, pull the dipstick out.



3 Wipe the dipstick clean.

4 Reinsert the dipstick fully.

5 Holding a rag under the end, pull the dipstick out and check whether the oil level is above low level mark.



A Low level mark

The shape of the dipstick may differ depending on the type of vehicle or engine.

6 Wipe the dipstick and reinsert it fully.

NOTICE

To prevent serious engine damage

Check the oil level on a regular basis.

Engine oil consumption

A certain amount of engine oil will be consumed while driving. In the following situations, oil consumption may increase, and engine oil may need to be refilled in between oil maintenance intervals.

- When the engine is new, for example directly after purchasing the vehicle or after replacing the engine
- If low quality oil or oil of an inappropriate viscosity is used
- When driving at high engine speeds or with a heavy load, when towing, or when driving while accelerating or decelerating frequently
- When leaving the engine idling for a long time, or when driving frequently through heavy traffic

Engine oil level rise

If the vehicle is repeatedly driven without the engine warmed up, moisture caused by dew condensation inside the engine or fuel which did not burn mixes into the engine oil, resulting in a rise in engine oil level.

However, this is not a malfunction.

For example, the engine become difficult to be warmed up in the following situations.

- When driving a short distance
- When driving at a low speed
- When the outside temperature is low

When checking the engine oil, make sure that the engine is warmed up. If the engine oil level exceeds the refill upper limit mark, contact at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Adding engine oil

■ Checking the oil type and preparing the items needed

Make sure to check the oil type and prepare the items needed before adding oil.

- Engine oil selection

→P.489

- Oil quantity (Low level mark → Refill upper limit mark)

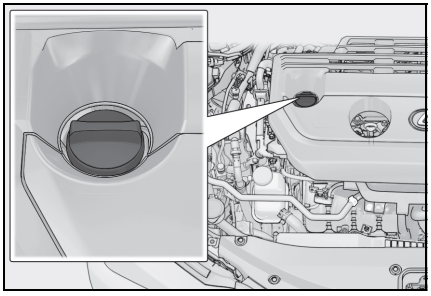
1.5 L (1.6 qt., 1.3 lmp. qt.)

- Items

Clean funnel

■ Adding engine oil

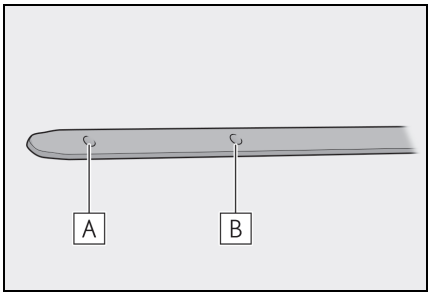
If the oil level is below or near the low level mark, add engine oil of the same type as that already in the engine.



1 Remove the oil filler cap by turning it counterclockwise.

2 Add engine oil slowly, checking the dipstick.

Make sure that the oil level does not exceed the refill upper limit mark and is between the low level mark and refill upper limit mark.



A Low level mark

B Refill upper limit mark

The shape of the dipstick may differ depending on the type of vehicle or engine.

3 Install the oil filler cap by turning it clockwise.

■ After changing the engine oil

After the engine oil has been replaced, the engine oil maintenance data should be reset. Perform the following procedures:

1 Select ⚙ on the Center display.
2 Select “Vehicle customise”.
3 Select “Utility”.
4 Select “Oil maintenance”.
5 Select “Reset”.

“The data has been reset.” will be displayed on the Center display when the reset procedure has been completed.

⚠ WARNING

■ Used engine oil

- Used engine oil contains potentially harmful contaminants which may cause skin disorders such as inflammation and skin cancer, so care should be taken to avoid prolonged and repeated contact. To remove used engine oil from your skin, wash thoroughly with soap and water.

WARNING

- Dispose of used oil and filters only in a safe and acceptable manner. Do not dispose of used oil and filters in household trash, in sewers or onto the ground. Call any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer, service station or auto parts store for information concerning recycling or disposal.
- Do not leave used engine oil within the reach of children.

NOTICE

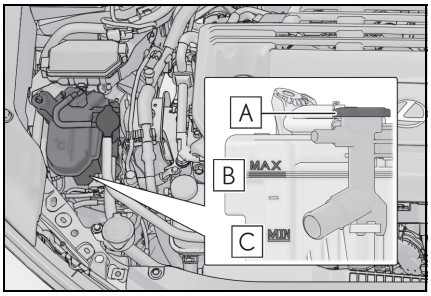
■ **When replacing the engine oil**

- Be careful not to spill engine oil on the vehicle components.
- Avoid overfilling, or the engine could be damaged.
- Check the oil level on the dipstick every time you refill the vehicle.
- Be sure the engine oil filler cap is properly tightened.

Checking the coolant

The coolant level is satisfactory if it is between the "MAX"/"F" and "MIN"/"L" lines on the reservoir when the hybrid system is cold.

■ **Engine coolant reservoir**



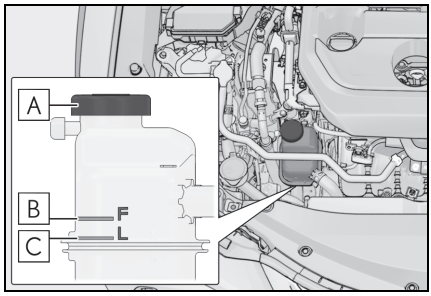
A Reservoir cap

B "MAX" line

C "MIN" line

If the level is on or below the "MIN" line, add coolant up to the "MAX" line. (→P.480)

■ **Power control unit coolant reservoir**



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.480)

■ **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, engine/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 hybrid system is hot**

Do not remove the engine/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 hybrid system is hot**

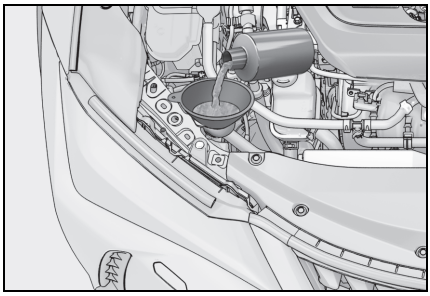
Do not touch the radiator or condenser as they may be hot and cause serious injuries, such as burns.

■ **When the electric cooling fans are operating**

Do not touch the engine compartment. The electric cooling fans may keep rotating for about 3 minutes even after 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. Be sure the power switch is OFF when working near the electric cooling fans or radiator grille.

Adding the washer fluid

If any washer does not work or "Windshield Washer Fluid Low" is shown 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 hybrid system is hot or operating as washer fluid contains alcohol and may catch fire if spilled on the engine, etc.

NOTICE

■ Do not use any fluid other than washer fluid

Do not use soapy water or engine anti-freeze 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.

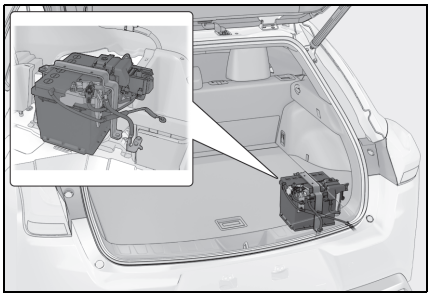
■ Diluting washer fluid

Dilute washer fluid with water as necessary.
Refer to the freezing temperatures listed on the label of the washer fluid bottle.

12-volt battery

Location

The 12-volt battery is located in the left side of luggage compartment.



■ 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

- Vehicles with steering lock system: The hybrid 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 hybrid 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 hybrid system with the power switch in ACC. The hybrid system may

not start with the power switch turned off. However, the hybrid system will operate normally from the second attempt.

- The power switch mode is recorded by the vehicle. If the 12-volt battery is 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 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

The 12-volt battery contains 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 handling the 12-volt battery

→P.479

NOTICE

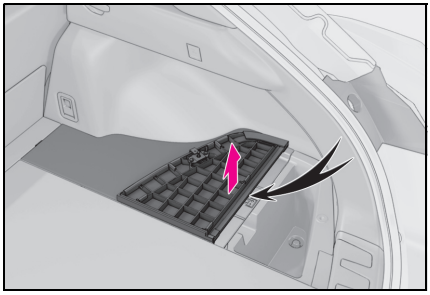
■ When recharging the 12-volt battery

Never recharge the 12-volt battery while the hybrid system is operating. Also, be sure all accessories are turned off.

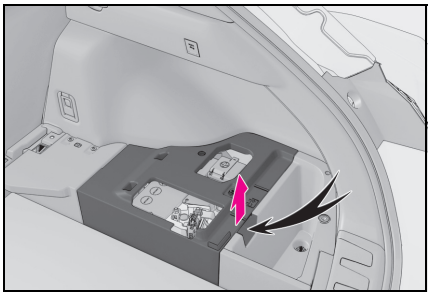
Removing the 12-volt battery cover

1 Open the right side deck board. (→P.359)

2 Remove the right side deck board.

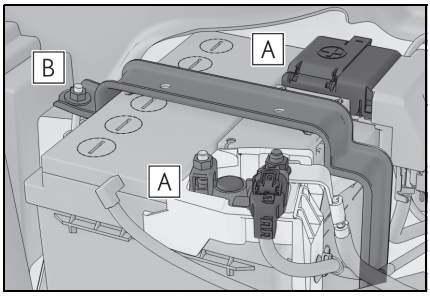


3 Remove the 12-volt battery cover.



Exterior

Make sure that the 12-volt battery terminals are not corroded and that there are no loose connections, cracks, or loose clamps.

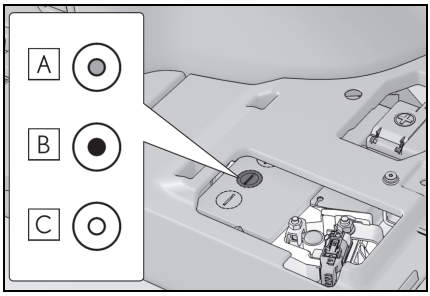


A Terminals

B Hold-down clamp

Checking the 12-volt battery condition

Check the 12-volt battery condition by indicator color.



A Blue: Good condition

B Red: Charging is necessary.

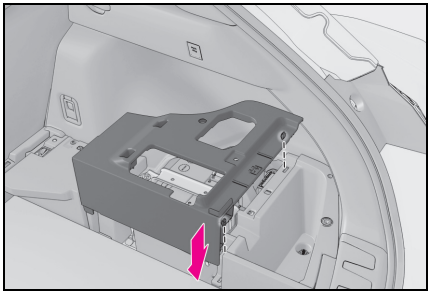
Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

C Clear: Replacement is necessary.

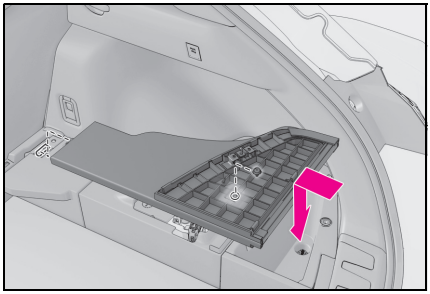
Have the 12-volt battery checked by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Installing the 12-volt battery cover

1 Install the 12-volt battery cover.



2 Install the right side deck board.



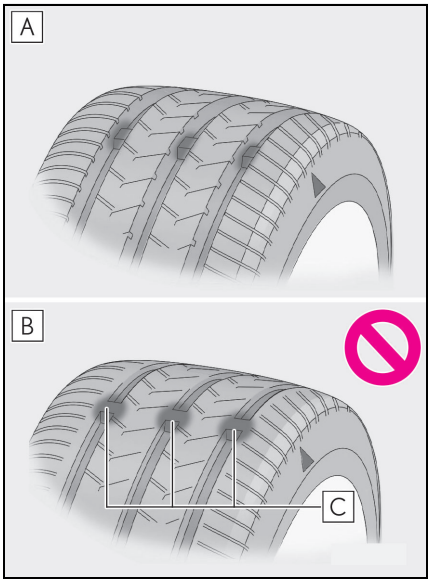
Tires

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.

Check the spare tire condition and pressure if not rotated.



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 (vehicles without spare tire)

Your vehicle may not be equipped with the following tools and jack for replacing a tire. In this case, when replacing tires with tires that are not run-flat 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.
- Vehicles with compact spare tire: Do not tow if your vehicle has a compact spare tire installed.
- Vehicles with emergency tire puncture repair kit: 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

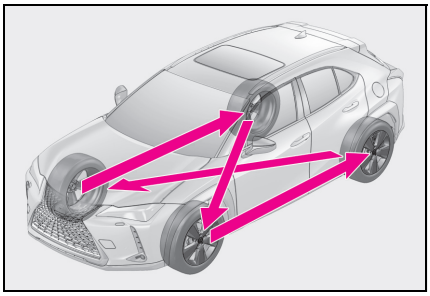
Take particular care when driving on roads with loose surfaces or potholes. These conditions may cause losses in tire inflation pressure, reducing the cushioning ability of the tires. In addition, driving on rough roads may cause damage to the tires themselves, as well as the vehicle's wheels and body.

■ If tire inflation pressure of each tire becomes low while driving (vehicles without run-flat tires)

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 at the following intervals:

2WD models: Every 10000 km (6000 miles)

AWD models: Every 5000 km (3000 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.

Run-flat tires (if equipped)

When run-flat tires are installed, the vehicle can be driven for a maximum of 160 km (100 miles) at a speed below 80 km/h (50 mph) after any tire goes flat. (However, the vehicle speed may not increase to near 80 km/h [50 mph] depending on weather or driving conditions.)

A run-flat tire has a mark on the sidewall.

Make sure to replace the flat tire before the vehicle has been driven for near 160 km (100 miles). Also, do not use a repaired tire.

■ Run-flat tires

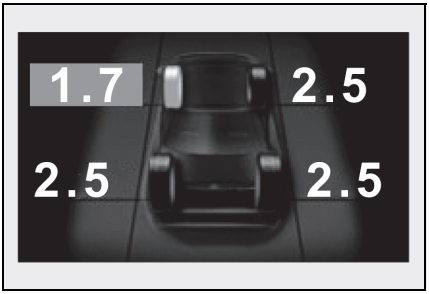
- The run-flat tires are for only this vehicle. Do not use the tires on other vehicles.
- Do not mix run-flat tires and normal tires.
- If non-genuine Lexus wheels are used, it may be impossible to sufficiently demonstrate the performance of run-flat tires.

Tire pressure warning system

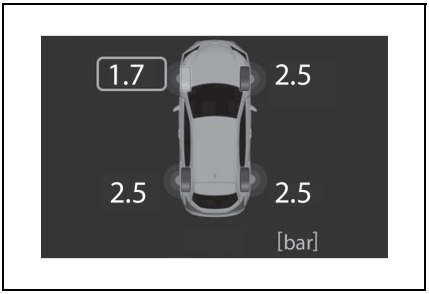
Your vehicle is equipped with a tire pressure warning system that uses tire pressure warning valves and transmitters to detect low tire inflation pressure before serious problems arise.

- The tire pressure warning system of this vehicle adopts a 2-type warning system. (→P.435)

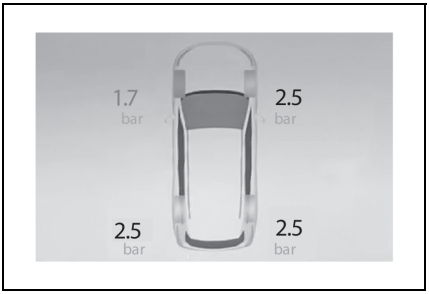
▶ Multi-information display (vehicles with 7-inch multi-information display)



▶ Multi-information display (vehicles with 12.3-inch multi-information display)



▶ Center display



- When "Adjust Pressure" is displayed on the multi-information display (Normal Warning)

A warning with the tire pressure warning light and warning buzzer when there is an unknown level of low tire pressure with the appearance of the tire due to natural air leakage as well as the pressure lowering due to changes in the pressure according to the outside temperature.

- When "Immediately Check Tyre when Safe" is displayed on the multi-information display (Emergency Warning)

A warning with the tire pressure warning light and warning buzzer when there is a known level of low tire pressure with the appearance of the tire due to pressure suddenly lowering.

However, the system may not be able to detect sudden tire ruptures (bursting, etc.).

- The tire pressure detected by the tire pressure warning system can be displayed on the center display. (→P.119)

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.

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. (→P.406)

■ **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.

Registering the position of each wheel

■ When to register the position of each wheel

It is necessary to register the position of each wheel after performing a tire rotation.

Wheel position registration can be performed by oneself. Wheel position registration is performed by driving forward with moderate left and right turns. However, depending on the driving conditions and driving environment, registration may take some time to complete.

■ Registering the position of each wheel

1 Park the vehicle in a safe place, turn the power switch off and wait 15 minutes or more.

2 Start the hybrid system.

The wheel position registration procedure cannot be performed while the vehicle is moving.

3 Select ⚙ on the center display.

4 Select “Vehicle customise”.

5 Select “Tyre pressure”.

6 Select “Tyre rotation”.

7 Select “Continue”.

A message indicating that wheel position registration is being performed will be displayed on the multi-information display. “---” will be displayed for the tire inflation pressure of each tire and wheel position registration will begin.

8 Drive straight (with occasional left and right turns) at approximately 40 km/h (25 mph) or more for approximately 10 to 30 minutes.

When wheel position registration is complete, a message indicating that registration has been completed and the inflation pressure of each tire will be displayed on the multi-information display.

Even if it is not possible to drive continuously 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, park the vehicle in a safe place and leave it with the power switch in ON for approximately 15 minutes or more, and then perform the driving procedure again.

■ When performing wheel position registration

- Normally, wheel position registration can be completed within approximately 30 minutes.
- Wheel position registration is performed while driving at a vehicle speed of approximately 40 km/h (25 mph) or more.

■ Wheel position registration procedure

- If the power switch is turned off while registering the wheel position, the next time the power switch is turned to ON, the

wheel position registration will resume and it will not be necessary to restart the procedure.

- While the position of each wheel is being determined and the inflation pressures are not being displayed, if the inflation pressure of a tire drops, the tire pressure warning light will come on.

■ **If the wheel position cannot be registered easily**

- In the following situations, wheel position registration may take longer than usual to be completed or may not be possible.
  - Vehicle is not driven at approximately 40 km/h (25 mph) or more
  - Vehicle is driven on unpaved roads
- If wheel position registration does not complete after driving for 1 hour or more, park the vehicle in a safe place for approximately 15 minutes and then drive the vehicle again.
- If the vehicle is reversed during wheel position registration, all data collected until then will be cleared. Perform driving again.

Setting the tire pressure

■ **When you need to setting the tire pressure**

In the following situations, it will be necessary to perform the tire inflation pressure setting procedure of the tire pressure warning system.

- When the specified tire inflation pressure has changed, such as due to carried load, etc.
- When the tire inflation pressure is changed such as when the tire size is changed.

If the tire inflation pressure has been adjusted to the specified level, perform the tire inflation setting procedure by selecting specified inflation pressure on the center display. (→P.404)

When the tire inflation pressure is to be other than specified, such as when tires other than the specified size are used, etc., set the tire inflation pressure using the current pressure. Make sure to adjust the tire inflation pressure of each tire to the appropriate level before performing tire pressure setting. The tire pressure warning system operates based on this tire inflation pressure. (→P.405)

■ **Setting by selecting a specified tire inflation pressure**

1 Start the hybrid system.

The tire inflation pressure cannot be set while the vehicle is moving.

2 Select ⚙ on the center display.

3 Select “Vehicle customise”.

4 Select “Tyre pressure”.

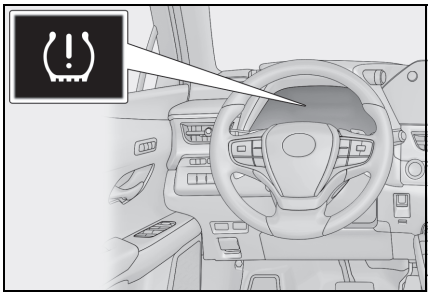
5 Select “Set indicated air pressure” and then select the desired front and rear tire pressures.

6 Select “OK”.

The tire pressure warning light will slowly blink 3 times.

After setting the tire inflation pressure, a message indicating that setting has been completed will be displayed on the multi-

information display.



■ **Setting using the current tire inflation pressure**

1 Adjust the tire inflation pressure of each tire to the appropriate level.

Make sure to adjust the tire inflation pressure with the tires cold.

2 Start the hybrid system.

The tire inflation pressure cannot be set while the vehicle is moving.

3 Select ⚙ on the center display.

4 Select “Vehicle customise”.

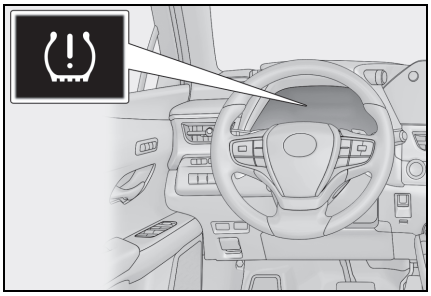
5 Select “Tyre pressure”.

6 Select “Set current air pressure”.

7 Select “Continue”.

The tire pressure warning light will slowly blink 3 times and a message indicating that tire inflation pressure is being set will be displayed on the multi-information display.

After setting the tire inflation pressure, a message indicating that setting has been completed will be displayed on the multi-information display.



■ **Warning performance of the tire pressure warning system (Setting using the current tire inflation pressure)**

- When performing the tire pressure setting using the current tire inflation pressure, the warning timing of the tire pressure warning system will vary according to the conditions under which tire pressure setting was performed. Therefore, a warning may be output even if the tire inflation pressure drops slightly or if the tire inflation pressure increases above that when the tire inflation pressure was set.
- Make sure to perform the tire pressure setting procedure after adjusting the tire inflation pressure. Also, make sure the tires are cold before performing the tire pressure setting procedure or adjusting the tire inflation pressure.

■ **Tire inflation pressure setting procedure (Setting using the current tire inflation pressure)**

- If the power switch is turned off while setting the tire inflation pressure, the next time the power switch is turned to ON, the setting procedure will resume and it will not be necessary to restart the procedure.
- If the tire inflation pressure setting procedure is started unnecessarily, adjust the tire inflation pressure to the specified level with the tires cold and then perform setting by selecting a specified tire inflation pressure, or perform the tire inflation pressure setting procedure with the current tire inflation pressure.

■ **If the tire inflation pressure cannot be set easily**

- Normally, it takes approximately 3 minutes to complete the setting procedure to the current tire inflation pressure.
- If the tire pressure warning light does not blink 3 times when starting the tire inflation pressure setting procedure, the procedure may not have started. Perform the procedure again from the beginning.
- If tire inflation pressure setting procedure cannot be completed after performing the above procedure, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

WARNING

■ **When setting using the current tire inflation pressure**

Make sure to adjust the tire inflation pressure of each tire to the appropriate level before performing tire pressure setting. Otherwise, the tire pressure warning light may not illuminate even if the tire inflation pressure drops or may illuminate even though the tire inflation pressure is normal.

Registering ID codes

■ When to register ID codes

The tire pressure warning valve and transmitter is equipped with a unique ID code. When new tire pressure warning valves and transmitters are installed, new ID codes must be registered in the tire pressure warning computer.

■ How to registration ID code

Before performing ID code registration, make sure that no wheels with tire pressure warning valve and transmitters installed are near the vehicle.

1 Park the vehicle in a safe place, turn the power switch off and wait 15 minutes or more.

2 Start the hybrid system.

The ID code registration procedure cannot be performed while the vehicle is moving.

3 Select ⚙ on the center display.

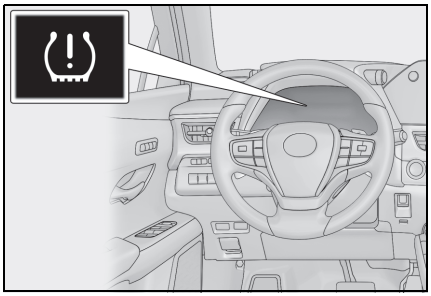
4 Select “Vehicle customise”.

5 Select “Tyre pressure”.

6 Check if the desired wheel set (“Set 1” or “Set 2”) is displayed.

ID codes will be registered to the displayed wheel set.
To change the wheel set to be registered, select the displayed set, and then select the wheel set you wish to register.

If ID codes have already been registered for that wheel set, the tire pressure warning light will slowly blink 3 times, and a message indicating that change is occurring will be displayed on the multi-information display.



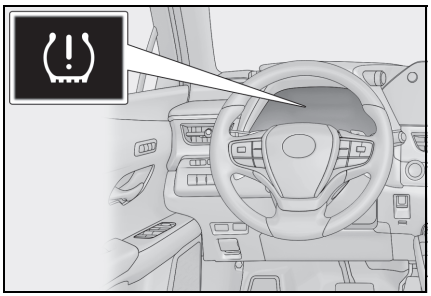
7 Select “New tyre registration”.

8 Select “Continue”.

The tire pressure warning light will slowly blink 3 times and a message indicating that ID code registration is being performed will be displayed on the multi-information display. Wheel set changing will be canceled and registration will begin.

When registration is being performed, the

tire pressure warning light will blink for approximately 1 minute then illuminate and "---" will be displayed for the inflation pressure of each tire on the multi-information display.



9 Drive straight (with occasional left and right turns) at approximately 40 km/h (25 mph) or more for approximately 10 to 30 minutes.

When registration is complete, the tire pressure warning light will turn off and a message indicating that registration has been completed will be displayed on the multi-information display.

Registration may take longer than normal to complete if the vehicle speed cannot be maintained at approximately 40 km/h (25 mph) or more. If registration cannot be completed after driving for 1 hour or more, perform the registration procedure again from the beginning.

10 If the tire inflation pressure of the wheel set installed differs from that of the previous set, it will be necessary to perform the tire inflation pressure setting procedure of the tire pressure warning system. (→P.404)

If the specified tire inflation pressure is the same, it will not be necessary to perform the tire inflation pressure setting procedure.

■ **When registering ID codes**

- Normally, wheel position registration can be completed within approximately 30 minutes.
- ID code registration is performed while driving at a vehicle speed of approximately 40 km/h (25 mph) or more.
- ID codes can be registered by yourself, but depending on the driving conditions and driving environment, registration may take some time to complete.
- When using a wheel set which all of the ID codes have already been registered, the wheel set can be changed in a short amount of time. (→P.408)

■ **If ID codes are not registered easily**

- In the following situations, ID code registration may take longer than usual to be completed or may not be possible.
  - When the vehicle has not been parked for approximately 15 minutes or more before being driven
  - 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
  - Wheel with tire pressure warning valve and transmitter installed is inside or near the vehicle
- If the vehicle is reversed during registration, all data collected until then will be cleared. Perform driving again.
- If registration does not complete after driving for 1 hour or more, perform the ID code registration procedure again from the beginning.
- If the tire pressure warning light does not blink 3 times when starting ID code registration procedure, the procedure may not have started. Perform the procedure again from the beginning.
- If the ID codes cannot be registered even when performing the above procedure, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable

repairer.

Canceling ID code registration

To cancel ID code registration after it has been started, select "New tyre registration" again on the center display.

If ID code registration has been canceled, the tire pressure warning light will turn off.

If the warning light does not turn off, ID code registration may not have been cancelled correctly. To cancel registration, select "New tyre registration" again on the center display.

Selecting wheel set

Your vehicle is equipped with a tire pressure warning system with a function to register two sets of ID codes. This allows for registration of a second wheel set, for example a winter set.

- The wheel set can be changed only if a second wheel set has been registered to the system. If a second wheel set has not been registered, "Set 2 (Unregistered)" will be displayed and it will not be possible to change to the selected wheel set.

ID codes can be registered by yourself. (→P.406)

- Only a change between both registered wheel set is possible, mixing between these wheel sets is not supported.
- While registering ID codes, it may not be possible to change between wheel sets normally. Cancel registration before changing between wheel sets.

■ Changing ID codes between different wheel sets

1. Install the desired wheel set.
2. Select ⚙ on the center display.
3. Select "Vehicle customise".
4. Select "Tyre pressure".
5. Select the wheel set ("Set 1" or "Set 2") displayed for the set selection setting.
6. Select the wheel set you wish to register, and then select "OK".

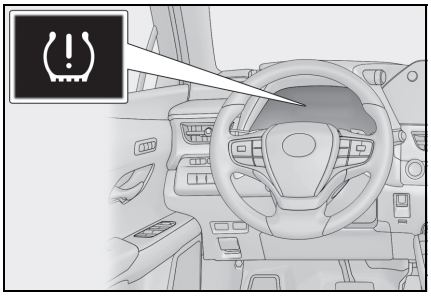
The tire pressure warning light will slowly blink 3 times, a message indicating that change is occurring will be displayed, and the wheel set change will begin.

Wheel set change will begin and the tire pressure warning light will blink for 1 minute and then illuminate. Also, while the change is being performed, "---" will be displayed for the tire inflation pressure of each tire on the multi-information display.

After approximately 2 minutes, the wheel set change will complete, the tire pressure warning light will turn off, and a completion message will be displayed on the multi-information display.

If changing does not complete after approximately 4 minutes, a message indicating that the change could not be completed will be displayed.
Check which wheel set is installed and perform the change procedure again from the

beginning.



7 If the specified tire inflation pressure of the wheel set installed differs from that of the previous set, it will be necessary to perform the tire inflation pressure setting procedure of the tire pressure warning system. (→P.404)

If the specified tire inflation pressure is the same, it will not be necessary to perform the tire inflation pressure setting procedure.

8 Register the position of each wheel. (→P.403)

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 fuel economy
- 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.402)

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 changing 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

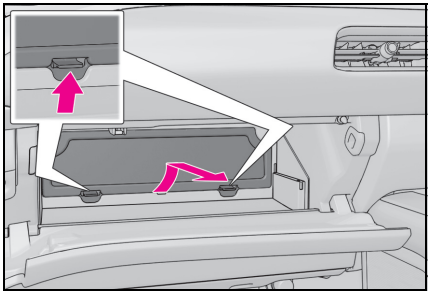
The air conditioning filter must be changed regularly to maintain air conditioning efficiency.

Removing the air conditioning filter

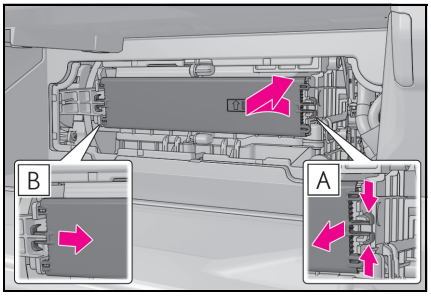
1 Turn the power switch off.

2 Open the glove box. Remove the partition. (→P.356)

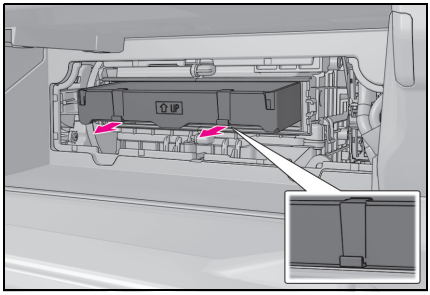
3 Remove the panel.



4 Unlock the filter cover (A), pull the filter cover out of the claws (B), and remove the filter cover.

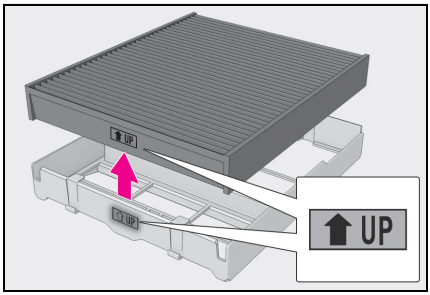


5 Remove the filter case.



6 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.

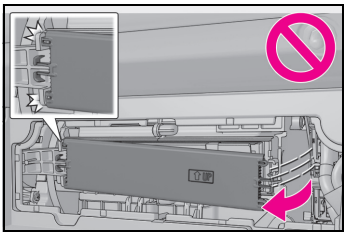
NOTICE

■ 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.

■ 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.



Cleaning the hybrid battery (traction battery) air intake vent

To prevent the fuel economy from being affected, visually inspect the hybrid battery (traction battery) air intake vent periodically for clogs.

If it is dusty or clogged or if "Maintenance Required for Traction Battery Cooling Parts See Owner's Manual" is displayed on the multi-information display, clean the air intake vent using the following procedures:

■ Scheduled maintenance of the air intake vent is necessary when

In some situations such as when the vehicle is used frequently or in heavy traffic or dusty areas, the air intake vent may need to be cleaned more regularly. For details, refer to the "Lexus Service Booklet" or "Lexus Warranty Booklet".

■ Cleaning the air intake vent

Improper handling of the air intake vent cover and filter may result in damage to them. If you have any concerns about cleaning the filter, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

WARNING

■ If "Maintenance Required for Traction Battery Cooling Parts See Owner's Manual" is displayed on the multi-information display

Clean the air intake vent immediately.

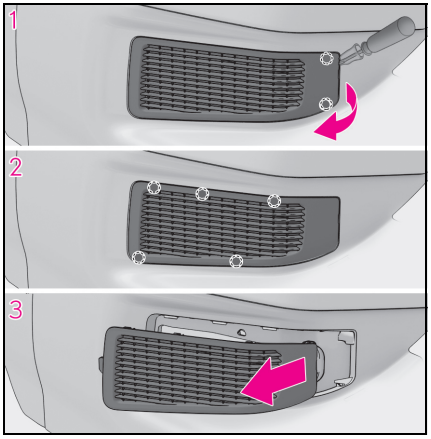
If the vehicle is continuously driven with the warning message displayed, it may cause a malfunction or output restriction of the hybrid battery (traction battery).

Cleaning procedure

1 Turn the power switch off.

2 Remove the air intake vent cover using a flathead screwdriver.

To protect the cover, place a rag between the flathead screwdriver and the cover.



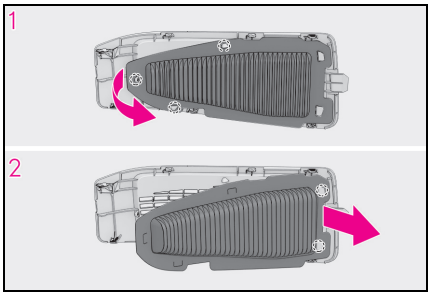
1 Pull the cover as shown in the illustration to disengage the claw.

2 Disengage the 5 claws as shown in the illustration.

3 Pull the cover toward the front of the vehicle to remove it.

3 Remove the filter from the air intake vent cover.

If dust has accumulated on the air intake vent cover, remove the dust with a vacuum cleaner, etc.

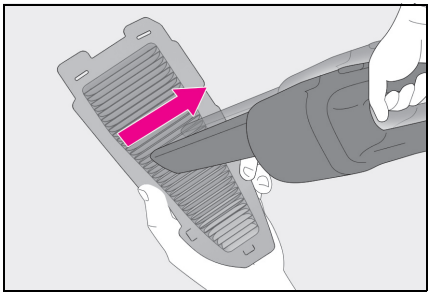


1 Disengage the claws as shown in the illustration.

2 Disengage the claws as shown in the illustration and remove the filter from the cover.

4 Remove the dust and sand from the filter.

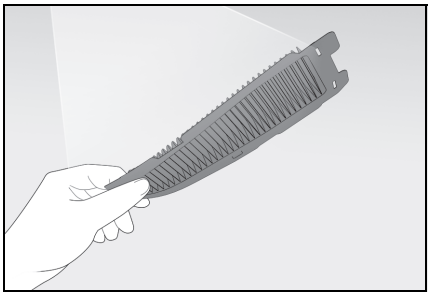
Using a vacuum cleaner, etc., absorb dust and sand from the filter by profiling the nozzle lightly along the fold.



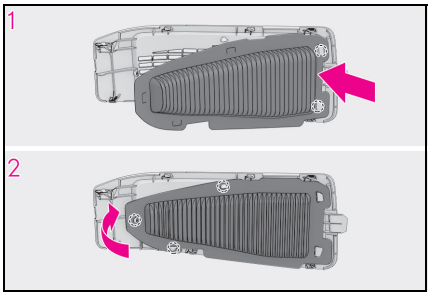
5 Hold the filter to the light and check if it is not clogged.

If the dust or sand cannot be removed completely, contact any authorized Lexus retailer or Lexus authorized repairer, or

any reliable repairer.



6 Reinstall the filter to the cover.

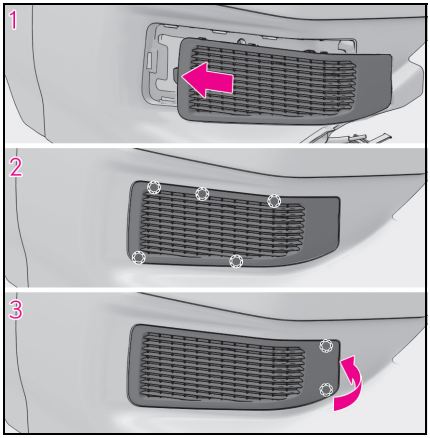


1 Engage the filter to the 2 claws as shown in the illustration.

2 Engage the claws to install the filter.

Make sure that the filter is not crooked or deformed when installing it.

7 Install the air intake vent cover.



1 Insert the tab of the cover as shown in the illustration.

2 Push the cover to engage the 5 claws.

3 Engage the claw as shown in the illustration.

▶ If "Maintenance Required for Traction Battery Cooling Parts See Owner's Manual" is displayed on the multi-information display

8 Start the hybrid system and check that the warning message is no longer displayed.

It may be necessary to drive the vehicle for approximately 20 minutes before the warning message is displayed again then disappears.

If the warning message does not disappear after some time, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

If the dust or sand on the filter cannot be removed

It is recommended to use a vacuum cleaner with plastic brushes.

WARNING

When cleaning the air intake vent

- Do not use water or other liquids to clean the air intake vent. If water is applied to the hybrid battery (traction battery) or other components, a malfunction or fire may occur.
- Before cleaning the air intake vent, make sure to turn the power switch off to stop the hybrid system.

WARNING

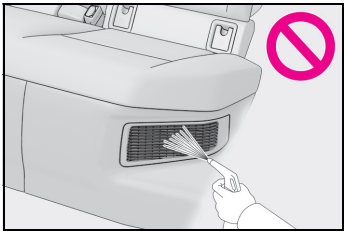
- Do not put a hand or leg in the air intake vent. If it is caught in a cooling fan, or if it touches a high voltage part that results in an electric shock, death or serious injuries may result.

NOTICE

■ When cleaning the air intake vent

Do not use an air blow gun, etc.

Dust may be blown out, possibly causing a malfunction or output restriction of the hybrid battery (traction battery).



■ To prevent damage to the vehicle

Observe the following precautions:

- Do not allow water or foreign matter to enter the air intake vent.
- Make sure to reinstall the filter and cover to their original positions after cleaning.
- Do not install anything to the air intake vent other than the exclusive filter for this vehicle or use the vehicle without the filter installed.

■ To prevent damage to the filter

Observe the following precautions.

If the filter is damaged, have it replaced with a new filter by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- Do not use an air blow gun, etc.
- Do not press hard a vacuum cleaner, etc. against the filter.
- Do not use a hard brush, such as a metal brush.
- Do not break the fold of the filter.

Electronic key battery

Replace the battery with a new one if it is depleted.

As the key may be damaged if the following procedure is not performed properly, it is recommended that key battery replacement be performed by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

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:

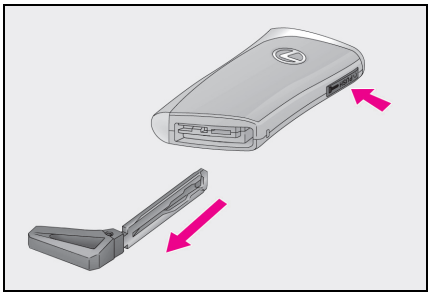
- Flathead screwdriver
- Small flathead screwdriver
- Lithium battery CR2032 or CR2450

Use a CR2032 or CR2450 lithium battery

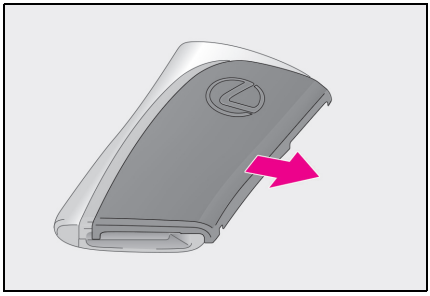
- Batteries can be purchased at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer, local electrical appliance shops or camera stores.
- Replace only with the same or equivalent type recommended by the manufacturer.
- Dispose of used batteries according to the local laws.

Replacing the battery

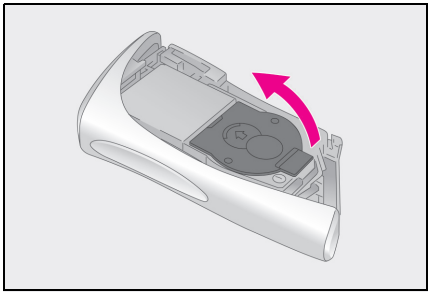
1 Take out the mechanical key.



2 Remove the cover.

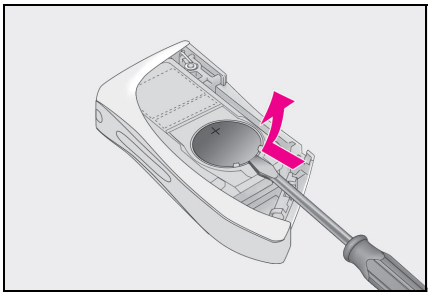


3 Remove the battery cover.



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.
- 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.

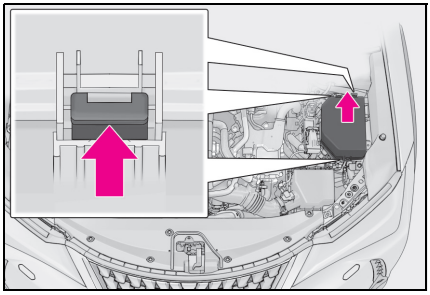
Checking and replacing fuses

1 Turn the power switch off.

2 Open the fuse box cover.

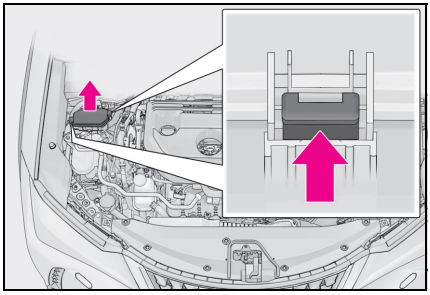
▶ Engine compartment: type A fuse box

Push the tab in and lift the lid off.



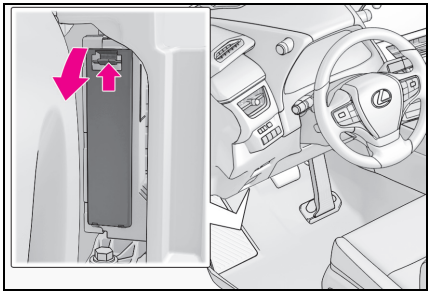
▶ Engine compartment: type B fuse box

Push the tab in and lift the lid off.



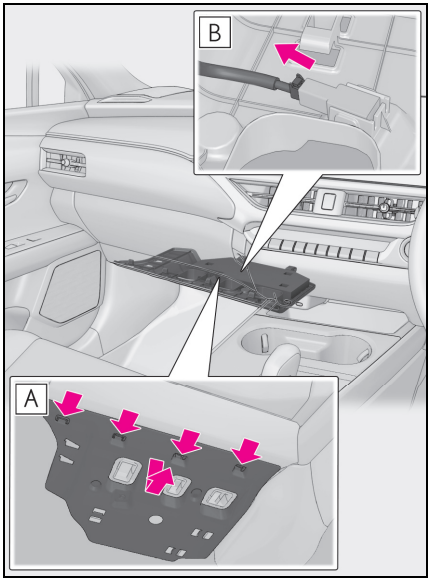
▶ Left side instrument panel (left-hand drive vehicles)

Remove the lid.

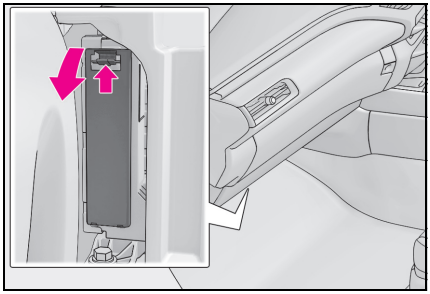


▶ Left side instrument panel (right-hand drive vehicles)

Remove the cover A and then remove the connector B.

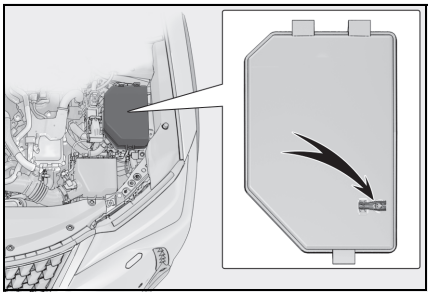


Remove the lid.



3 Remove the fuse.

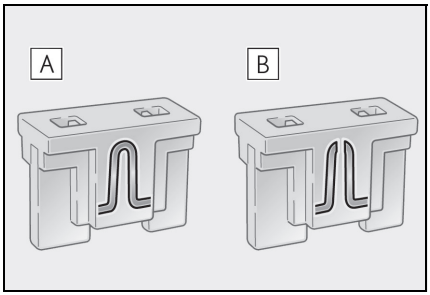
Only type A fuse can be removed using the pullout tool.



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.

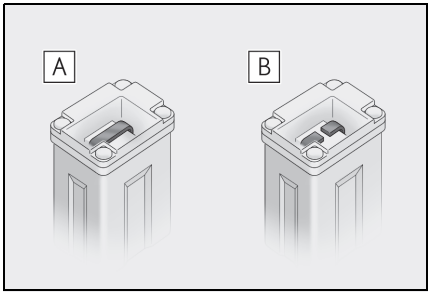
▶ Type A



A Normal fuse

B Blown fuse

▶ Type B



A Normal fuse

B Blown fuse

■ 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. (→P.480)
- 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

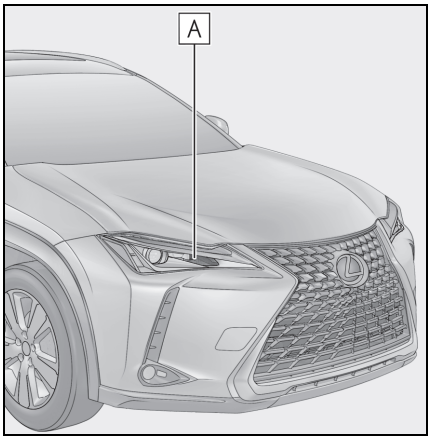
■ **Before replacing fuses**

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.

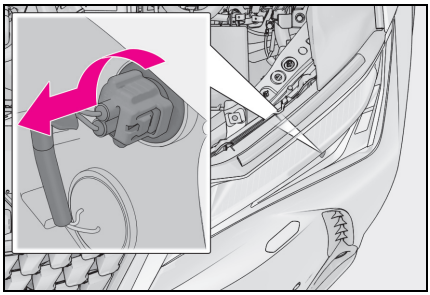
When replacing light bulbs

→P.420

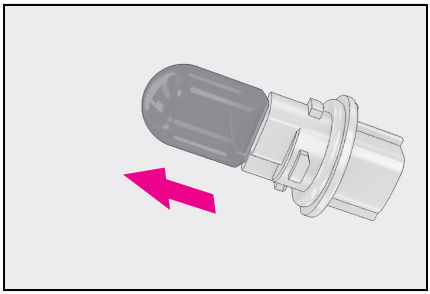
Replacing light bulb

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.

7-1. Essential information

Emergency flashers 426

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7-2. Steps to take in an emergency

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If the hybrid system will not start 470

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If the fuel filler door cannot be opened 472

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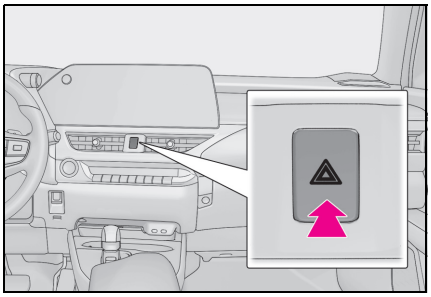
Emergency flashers

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 hybrid 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 lever to N.

▶ If the shift lever is shifted to N

3 After slowing down, stop the vehicle in a safe place by the road.

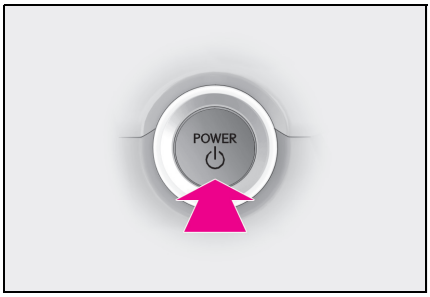
4 Stop the hybrid system.

▶ If the shift lever 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 hybrid 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 hybrid 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 hybrid system.

If the vehicle is submerged or water on the road is rising

This vehicle is not designed to be able to drive on roads that are deeply flooded with water. Do not drive on roads where the roads may be submerged or the water may be rising. It is dangerous to remain in the vehicle, if it is anticipated that the vehicle will be flooded or set adrift. Remain calm and follow the following.

- If the door can be opened, open the door and exit the vehicle.
- If the door cannot be opened, open the window using the power window switch and ensure an escape route.
- If the window can be opened, exit the vehicle through the window.
- If the door and window cannot be opened due to the rising water, 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 after waiting for the rising water to enter the vehicle, and exit the vehicle. When the outside water level exceeds half the height of the door, the door cannot be opened from the inside due to water pressure.

Water level exceeds the floor

When the water level exceeds the floor and time has passed, the electrical equipment will get damaged, the power windows will not operate, the engine and motor stop, and the vehicle may not be able to get moving.

Using an emergency escape hammer*1

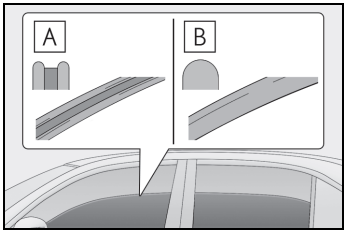
Laminated glass*2 is used in the windshield and front side windows on this vehicle. Laminated glass cannot be shattered with an emergency hammer*1.

*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: If equipped

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

WARNING

Caution while driving

Do not drive on roads where the roads may be submerged or the water may be rising. Otherwise the vehicle may be damaged and cannot move, as well as become flooded and set adrift, which may lead to death.

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.

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.198, 444)
- There is a malfunction in the immobilizer system. (→P.82)
- There is a malfunction in the smart entry & start system. (→P.473)
- The 12-volt battery is discharged. (→P.475)

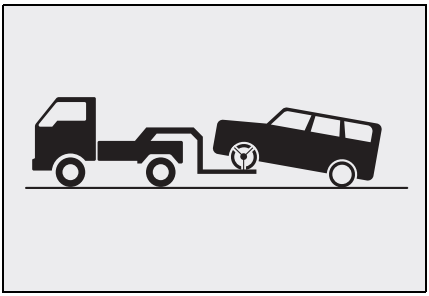
Situations when it is necessary to contact dealers before towing

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 hybrid 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

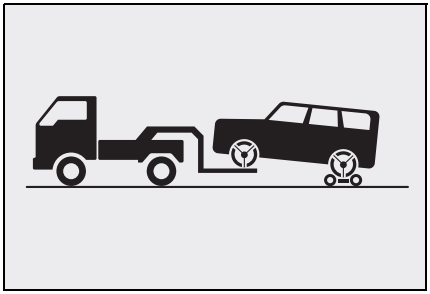
▶ From the front (2WD models)



Release the parking brake.

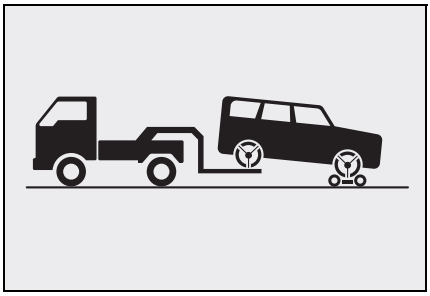
Turn automatic mode off. (→P.211)

▶ From the front (AWD models)



Use a towing dolly under the rear wheels.

▶ From the rear



Use a towing dolly under the front wheels.

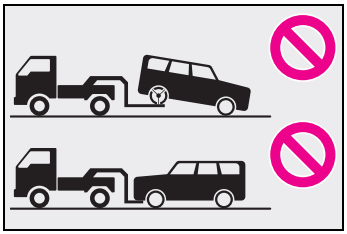
WARNING

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

■ When towing the vehicle

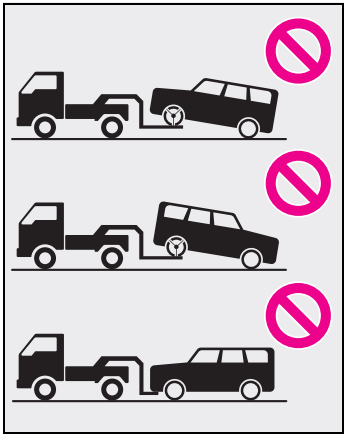
▶ 2WD models

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.



▶ AWD models

Be sure to transport the vehicle with all four wheels raised off the ground. If the vehicle is towed with the tires contacting the ground, the drivetrain or related parts may be damaged, the vehicle may fly off the truck, or electricity generated by the operation of the motor may cause a fire to occur depending on the nature of the damage or malfunction.



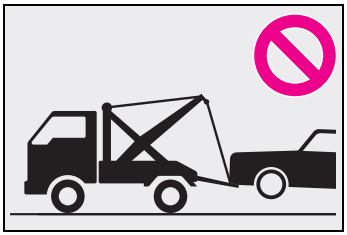
NOTICE

■ 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 (if equipped) 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.

■ 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 eyelet. This should only be attempted on hard surfaced roads for short distances at under 30 km/h (18 mph).

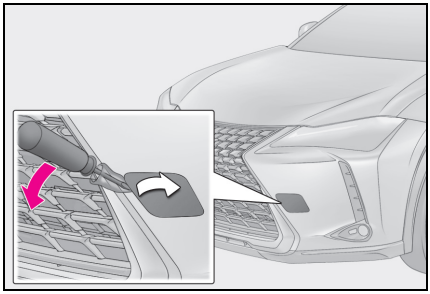
A driver must be in the vehicle to steer and operate the brakes. The vehicle's wheels, drive train, axles, steering and brakes must be in good condition.

Emergency towing procedure

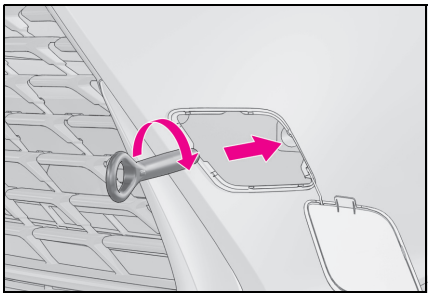
To have your vehicle towed by another vehicle, the towing eyelet must be installed to your vehicle. Install the towing eyelet using the following procedure.

1. Take out the wheel nut wrench (if equipped) and towing eyelet. (→P.358, 452, 463)
2. Remove the eyelet cover using a flathead screwdriver.

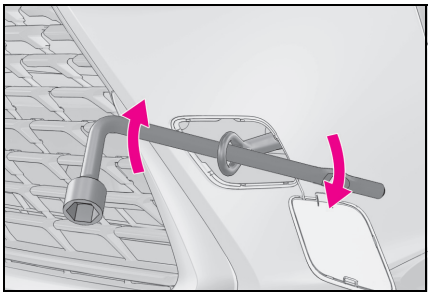
To protect the bodywork, place a rag between the screwdriver and the vehicle body as shown in the illustration.



3 Insert the towing eyelet into the hole and tighten partially by hand.



4 Tighten down the towing eyelet securely using a wheel nut wrench (if equipped) or 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 hybrid system.

If the hybrid 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.211)

■ **While towing**

If the hybrid system is off, the power assist for the brakes and steering will not function, making steering and braking more difficult.

■ **Wheel nut wrench**

Vehicles with wheel nut wrench: Wheel nut wrench is installed in luggage compartment. (→P.358, 463)
Vehicles without wheel nut wrench: Wheel nut wrench can be purchased at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

WARNING

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

■ **While towing**

- When towing using cables or chains, avoid sudden starts, etc. which place excessive stress on the towing eyelet, cables or chains. The towing eyelet, cables or chains may become damaged, broken debris may hit people, and cause serious damage.
- Do not perform any of the following as doing so may cause the parking lock mechanism to engage, locking the front wheels and possibly leading to an accident resulting in death or serious injury:
  - Unfasten the driver's seat belt and open the driver's door.
  - Turn the power switch off.

■ **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 during emergency towing**

Do not secure cables or chains to the suspension components.

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
- Engine coolant temperature gauge continually points higher than normal

Audible symptoms

- Changes in exhaust sound
- Excessive tire squeal when cornering
- Strange noises related to the suspension system
- Pinging or other noises related to the hybrid system

Operational symptoms

- Engine missing, 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.**

■ 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.

■ Low engine oil pressure warning light* (warning buzzer)

Warning light	Details/Actions
	Indicates that the engine oil pressure is too low → **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.

■ Malfunction indicator lamp (warning buzzer)

Warning light	Details/Actions
	Indicates a malfunction in: ● The emission control system (on some models); ● The hybrid system; ● The electronic engine control system; or ● The electronic throttle control system → **Immediately stop the vehicle in a safe place and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.**

■ High coolant temperature warning light* (warning buzzer)

Warning light	Details/Actions
	Indicates that the engine coolant temperature is too high → **Immediately stop the vehicle in a safe place.** **Handling method (→P.480)**

*: This light illuminates on the multi-information display.

■ Tire pressure warning light

Warning light	Details/Actions
	When the light comes on: ● Low tire inflation pressure from natural causes → **After the temperature of the tires has lowered sufficiently, check the inflation pressure of each tire and adjust them to the specified level.** ● Low tire inflation pressure from flat tire → **Immediately stop the vehicle in a safe place and perform the necessary actions.** When the light comes on after blinking for approximately 1 minute (a buzzer does not sounds): Malfunction in the tire pressure warning system → **Have the system checked by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.**

■ 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)	It is possible that the parking brake is not fully engaged or released. → **Operate the parking brake switch once again.** This light comes on when the parking brake is not released. If the light turns off after the parking brake is fully released, the system is operating normally.

■ 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
	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.446)**

■ Low fuel level warning light

Warning light	Details/Actions
	Indicates that remaining fuel is approximately 6.4L (1.7 gal., 1.4 Imp.gal.) or less → **Refuel the vehicle.**

■ 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, this light will also illuminate for a certain period of time after the rear door is opened and closed.

*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.

■ Inappropriate pedal operation warning light* (warning buzzer)

Warning light	Details/Actions
	When a buzzer sounds: ● Brake Override System is malfunctioning ● Drive-Start Control is malfunctioning ● Drive-Start Control 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.

■ PCS warning light (warning buzzer)

Warning light	Details/Actions
	Indicates a malfunction in the PCS (Pre-Collision System). → **Follow the instructions displayed on the multi-information display.** If the PCS (Pre-Collision System) or VSC (Vehicle Stability Control) system is disabled, the PCS warning light will illuminate.

■ LTA indicator (warning buzzer)

Warning light	Details/Actions
 (Yellow)	Indicates a malfunction in the LTA (Lane Tracing Assist) → **Follow the instructions displayed on the multi-information display.**

■ LDA indicator (warning buzzer)

Warning light	Details/Actions
 (Yellow)	Indicates a malfunction in the LDA (Lane Departure Alert) → **Follow the instructions displayed on the multi-information display.**

■ PDA indicator (warning buzzer)

Warning light	Details/Actions
 (Yellow) (if equipped)	Indicates a malfunction in the PDA (Proactive Driving Assist). → **Follow the instructions displayed on the multi-information display.**

■ Cruise control indicator (warning buzzer)

Warning light	Details/Actions
 (Yellow)	Indicates a malfunction in the cruise control system. → **Follow the instructions displayed on the multi-information display.**

■ Dynamic radar cruise control indicator (warning buzzer)

Warning light	Details/Actions
 (Yellow)	Indicates a malfunction in the dynamic radar cruise control system. → **Follow the instructions displayed on the multi-information display.**

■ Driving assist information indicator

Warning light	Details/Actions
 (Yellow)	Indicates either of the following systems may be malfunctioning. ● PCS (Pre-Collision System) ● LDA (Lane Departure Alert) → **Follow the instructions displayed on the multi-information display.** Indicates any of the following systems are malfunctioning, disabled, or turned off. ● PKSB (Parking Support Brake) (if equipped) ● BSM (Blind Spot Monitor) (if equipped) ● RCTA (Rear Crossing Traffic Alert) (if equipped) ● Safe Exit Assist (if equipped) → **Follow the instructions displayed on the multi-information display.**

■ Hybrid system overheat warning light* (warning buzzer)

Warning light	Details/Actions
	Indicates the hybrid system has overheated This light may be displayed when driving under severe operating conditions. (For example, when driving up a long steep hill.) → **Stop the vehicle in a safe place.** **Handling method (→P.480)**

*: This light illuminates on the multi-information display.

■ 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.450, 462, 469

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

After the temperature of the tires has lowered sufficiently, check the inflation pressure of each tire and adjust them to the specified level.

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 the tire inflation pressure setting procedure. (→P.400)

If the warning light does not turn off even after several minutes have elapsed since performing the tire inflation pressure setting procedure, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

■ 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).

■ **When a tire is replaced with a spare tire (vehicles with spare tire)**

The compact spare tire is not equipped with a tire pressure warning valve and transmitter. If a tire goes flat, the tire pressure warning light will not turn off even though the flat tire has been replaced with the spare tire. Replace the spare tire with the repaired tire and adjust the tire inflation pressure. The tire pressure warning light will go off after a few minutes.

■ **Conditions that the tire pressure warning system may not function properly**

→P.402

WARNING

■ **If a warning light comes on or a warning buzzer sounds when a warning message is shown on the multi-information display**

Check and follow the message shown on the multi-information display. Failure to do so may result 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 (vehicles without run-flat tires)**

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, change it with the spare tire and have the flat tire repaired by the nearest any 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 the tire pressure warning light comes on (vehicles with run-flat tires)**

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.

- Decelerate to the lowest appropriate speed as soon as possible. Do not drive over 80 km/h (50 mph).
- 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. Have the flat tire replaced by the nearest any 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.

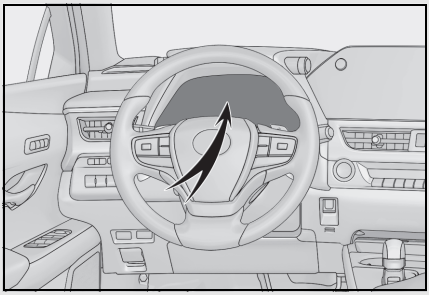
NOTICE

■ 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.



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

→P.441

■ If a message about an operation is shown

● If a message about a shift lever operation is shown

- A warning message about an operation of the brake pedal may be shown while the driving assist systems such as PCS (Pre-Collision system) or the dynamic radar cruise control is operating. If a warning message is shown, be sure to decelerate the vehicle or follow an instruction shown on the multi-information display.
- A warning message is shown when Brake Override System operates. (→P.182)
- A warning message is shown when Drive-Start Control or Parking Support Brake (if equipped) (→P.186, 312) operates. Follow the instructions on the multi-information display.

● If a message about an operation of the power switch is shown

An instruction for operation of the power switch is shown when the incorrect procedure for starting the hybrid system is performed or the power switch is operated

incorrectly.
Follow the instructions shown on the multi-information display to operate the power switch again.

● 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 displayed on the multi-information display. In that case, follow the instruction of the message and shift the shift position.

● If a message or image about an open/close state of a part or replenishment of a consumable is shown

Confirm the part indicated by the multi-information display or a warning light, and then perform the coping method such as closing the open door or replenishing a consumable.

■ If "Engine Oil Level Low Add or Replace" is displayed

The engine oil level is low. Check the level of the engine oil, and add if necessary.

This message may appear if the vehicle is stopped on a slope. Move the vehicle to a level surface and check to see if the message disappears.

■ If "Hybrid System Stopped Steering Power Low" is displayed

This message is displayed if the hybrid 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 "Hybrid System Overheated Reduced Output Power" 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.480

■ If "Shift System Malfunction Shifting Unavailable Drive to a Safe Place and Stop" or "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.

■ If "Traction Battery Needs to be Protected Refrain From the Use of N Position" is displayed

This message may be displayed when the shift lever is in N.

As the hybrid battery (traction battery) cannot be charged when the shift lever is in N, shift the shift lever to P when the vehicle is stopped.

■ If "Traction Battery Needs to be Protected Shift into P to Restart" is displayed

This message is displayed when the hybrid battery (traction battery) charge has become extremely low because the shift lever has been left in N for a certain amount of time.

When operating the vehicle, shift to P and restart the hybrid system.

■ If "Shift to P Before Exiting Vehicle" is shown

This message is displayed when the driver's door is opened without turning the power switch off with the shift lever in any position other than P.

Shift the shift lever to P.

■ If "Shift is in N Release accelerator before shifting" is displayed

The accelerator pedal has been depressed when the shift lever is in N.

Release the accelerator pedal and shift the shift lever to D, S or R.

■ If "Press brake when vehicle is stopped Hybrid 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 hybrid 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 hybrid system, operate the hybrid system for approximately 5 minutes to recharge the 12-volt battery.

■ **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 "Parking Assist Unavailable Low Visibility See Owner's Manual" is displayed**

Indicates one of the following systems is disabled.

- PKSB (Parking Support Brake) (if equipped)

Remove any dirt or foreign matter from the rear cameras.

■ **If "System Malfunction Visit Your Dealer" is displayed**

Indicates one of the following systems is disabled.

- PCS (Pre-Collision System)
- LDA (Lane Departure Alert)
- LTA (Lane Tracing Assist)
- AHB (Automatic High Beam)
- AHS (Adaptive High-beam System) (if equipped)
- Dynamic radar cruise control
- RSA (Road Sign Assist) (if equipped)
- PDA (Proactive Driving Assist) (if equipped)
- BSM (Blind Spot Monitor) (if equipped)
- RCTA (Rear Crossing Traffic Alert) (if equipped)
- Automatic Rear Flashing Hazard Lights (if equipped)
- Safe Exit Assist (if equipped)
- Lexus parking assist-sensor (if equipped)
- PKSB (Parking Support Brake) (if equipped)

Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

■ **If "System Stopped See Owner's Manual" is displayed**

Indicates one of the following systems is disabled.

- PCS (Pre-Collision System)
- LDA (Lane Departure Alert)
- LTA (Lane Tracing Assist)
- AHB (Automatic High Beam)
- AHS (Adaptive High-beam System) (if equipped)
- Dynamic radar cruise control
- RSA (Road Sign Assist) (if equipped)
- PDA (Proactive Driving Assist) (if equipped)
- BSM (Blind Spot Monitor) (if equipped)
- RCTA (Rear Crossing Traffic Alert) (if equipped)
- Automatic Rear Flashing Hazard Lights (if equipped)
- Safe Exit Assist (if equipped)
- Lexus parking assist-sensor (if equipped)
- PKSB (Parking Support Brake) (if

equipped)

Follow the following correction methods.

- Check the voltage of the 12-volt battery
- Check the sensors that the Lexus Safety System + uses for foreign matter covering them. Remove them if any. (→P.239)
- Check if the back door is open.

Indicates the sensors may not be operating properly. (→P.295, 300, 304, 310)

- Check the rear bumper around the sensors used by the BSM, RCTA or Safe Exit Assist for foreign matter covering them. Remove them if any. (→P.292)
- Check the sensors including camera sensors used by the Lexus parking assist-sensor or PKSB (if equipped) for foreign matter covering them. Remove them if any. (→P.302)
- When problems are solved and the sensors are operational, this indication may disappear by itself.

If "System Stopped Front Camera Low Visibility See Owner's Manual" is displayed

Indicates one of the following systems is disabled.

- PCS (Pre-Collision System)
- LDA (Lane Departure Alert)
- LTA (Lane Tracing Assist)
- AHB (Automatic High Beam)
- AHS (Adaptive High-beam System) (if equipped)
- Dynamic radar cruise control
- RSA (Road Sign Assist) (if equipped)
- PDA (Proactive Driving Assist) (if equipped)

Follow the following correction methods.

- Using the windshield wipers, remove the dirt or foreign matter from the windshield.
- Using the air conditioning system, defog the windshield.
- Close the hood, remove any stickers, etc. to clear the obstruction in front of the front camera.

If "System Stopped Front Camera Out of Temperature Range Wait until Normal Temperature" is displayed

Indicates one of the following systems is disabled.

- PCS (Pre-Collision System)
- LDA (Lane Departure Alert)
- LTA (Lane Tracing Assist)
- AHB (Automatic High Beam)
- AHS (Adaptive High-beam System) (if equipped)
- Dynamic radar cruise control
- RSA (Road Sign Assist) (if equipped)
- PDA (Proactive Driving Assist) (if equipped)

Follow the following correction methods.

- If the front camera is hot, such as after the vehicle is 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

If "System Stopped Front Radar Sensor Blocked Clean Radar Sensor" is displayed

Indicates one of the following systems is disabled.

- PCS (Pre-Collision System)
- LDA (Lane Departure Alert)
- LTA (Lane Tracing Assist)
- AHB (Automatic High Beam)
- AHS (Adaptive High-beam System) (if equipped)
- Dynamic radar cruise control
- PDA (Proactive Driving Assist) (if

equipped)

Follow the following correction methods.

- Check if there is any foreign matter attached to the radar sensor or radar sensor cover and clean them if necessary (→P.239)
- This message may be displayed when driving in an open area with few nearby vehicles or structures, such as a desert, grasslands, suburbs, etc.
  The message may be cleared by driving the vehicle in an area with structures, vehicles, etc. nearby.

■ If "System Stopped Front Radar Sensor Out of Temperature Range Wait until Normal Temperature" is displayed

Indicates one of the following systems is disabled.

- PCS (Pre-Collision System)
- LDA (Lane Departure Alert)
- LTA (Lane Tracing Assist)
- AHB (Automatic High Beam)
- AHS (Adaptive High-beam System) (if equipped)
- Dynamic radar cruise control
- PDA (Proactive Driving Assist) (if equipped)

The temperature of the radar sensor is outside of the operating range. Wait for the temperature to become appropriate.

■ If "System Stopped Front Radar In Self Calibration See Owner's Manual" is displayed

Indicates one of the following systems is disabled.

- PCS (Pre-Collision System)
- LDA (Lane Departure Alert)
- LTA (Lane Tracing Assist)
- AHB (Automatic High Beam)
- AHS (Adaptive High-beam System) (if equipped)
- Dynamic radar cruise control
- PDA (Proactive Driving Assist) (if equipped)

Follow the following correction methods.

- Check if there is any foreign matter attached to the radar sensor or radar sensor cover and clean them if necessary (→P.239)
- The radar sensor may be misaligned and will be adjusted automatically while driving. Continue driving for a while.

■ If "Cruise Control Unavailable See Owner's Manual" is displayed

Indicates one of the following systems is disabled.

- Dynamic radar cruise control
- Cruise control

A message is displayed when the driving assist switch is pushed repeatedly.

Press the driving assist switch quickly and firmly.

■ If "Driver Monitor Out of Temperature Range Wait until Normal Temperature" is displayed

Indicates one of the following systems is disabled.

- Driver monitor (if equipped)

The temperature of the driver monitor camera is outside of the operating range. Wait for the temperature to become appropriate.

■ If "Driver Monitor Unavailable See Owner's Manual" is displayed

The lens of the driver monitor camera may be dirty.

When there is dirt on the camera lens, clean it with a dry, soft cloth so as to not damage it.

■ If "AWD System Overheated Switching to 2WD Mode" or "AWD System Overheated 2WD Mode Engaged" is shown on the multi-information display (AWD models)

This message may be displayed when high load driving is continued. (→P.327)

■ **If "Oil Maintenance Required Soon" is displayed**

Indicates that the engine oil should be scheduled to be changed.

Check the engine oil and change it if necessary. After changing the engine oil, make sure to reset the message. (→P.392)

■ **If "Oil Maintenance Required" is displayed**

Indicates that the engine oil should be changed.

Check and change the engine oil, and oil filter by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer. After changing the engine oil, make sure to reset the message. (→P.392)

■ **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 referring to Owner's Manual is displayed**

● If any of the following messages are shown on the multi-information display, follow the instructions.
- "Engine Coolant Temp High" (→P.480)
- "Exhaust Filter Full" (→P.322)

● 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"
- "Hybrid system malfunction"
- "Check Engine"
- "Hybrid battery system malfunction"
- "Accelerator system malfunction"
- "Shift System Malfunction Apply Parking Brake Securely When Parking See Owner's Manual"
- "P Switch Malfunction Apply Parking Brake Securely When Parking See Owner's Manual"
- "Shift System Unavailable Apply Parking Brake Securely When Parking See Owner's Manual"
- "Shift System Malfunction See Owner's Manual"
- "Shift System Malfunction Stop in a Safe Place See Owner's Manual"
- "Battery Low Shifting Unavailable See Owner's Manual"

● 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"
- "Charging System Malfunction"
- "Oil Pressure Low"

● If any of the following messages are shown on the multi-information display, the vehicle may have run out of fuel. Stop the vehicle in a safe place and, if the fuel level is low, refuel the vehicle. (→P.78)
- "Hybrid system stopped"
- "Engine stopped"

● If "Low Auxiliary Battery See Owner's Manual" is shown
- When the display goes off after several seconds*:

Maintain the hybrid system operation for more than 15 minutes and charge the 12-volt battery.
- When the display does not go off:

Start up the hybrid system using the procedures for "If the 12-volt battery is discharged" (→P.475)

*: Displays for about 6 seconds

● If "Maintenance required for Traction battery cooling parts See owner's manual" is shown, the filter may be clogged, the air intake vent may be blocked, or there may be a gap in the duct. Therefore, perform the following correction procedure.
- Cleaning the hybrid battery (traction bat-

tery) air intake vent (→P.413)
If the warning message is shown even if the vent is cleaned, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

WARNING

■ **If a warning light comes on or a warning buzzer sounds when a warning message is displayed**

→P.442

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 "Low Auxiliary Battery" 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 you have a flat tire (vehicles with emergency tire puncture repair kit)

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

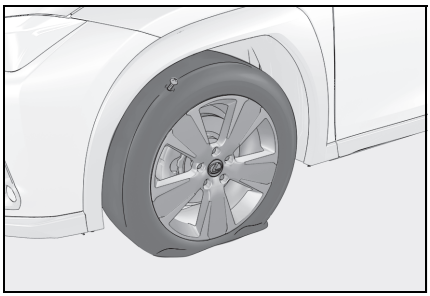
- Stop the vehicle in a safe place on a

hard, flat surface.

- Set the parking brake.
- Shift the shift lever to P.
- Stop the hybrid 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.



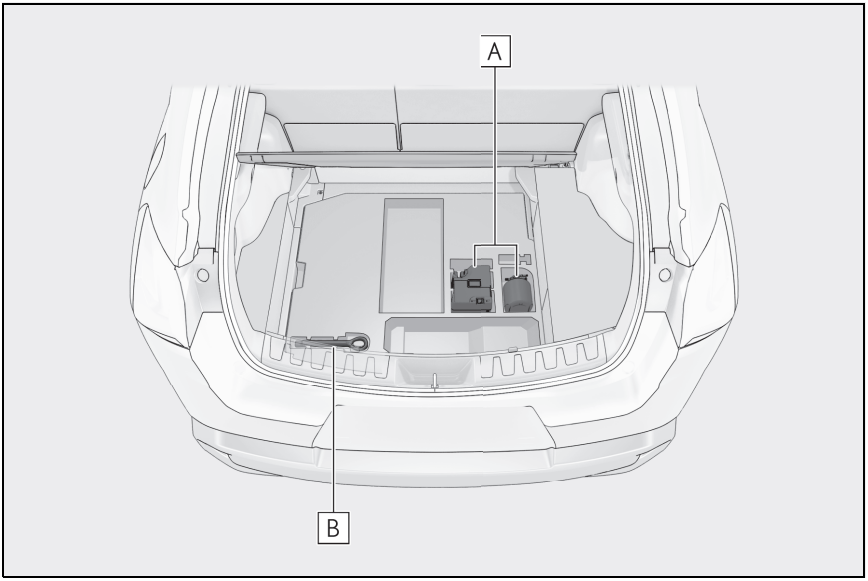
A flat tire that cannot be repaired with the emergency tire puncture repair kit

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

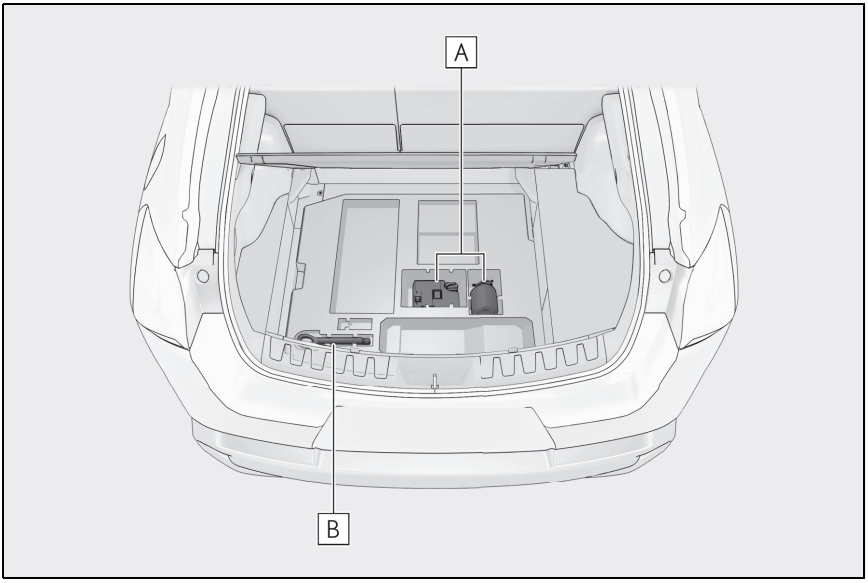
▶ 2WD models



A Emergency tire puncture repair kit

B Towing eyelet

▶ AWD models

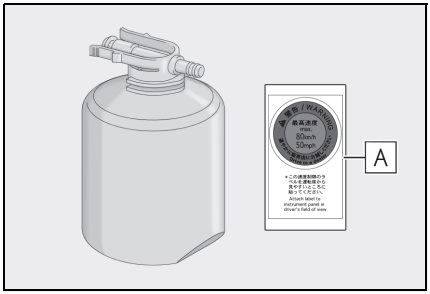


A Emergency tire puncture repair kit

B Towing eyelet

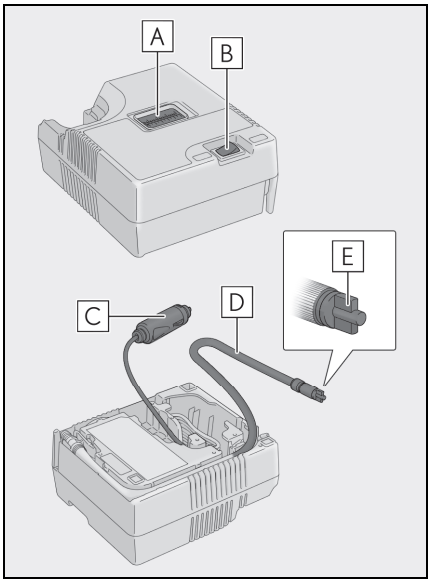
Emergency tire puncture repair kit components

■ 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 -40°C (-40°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 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

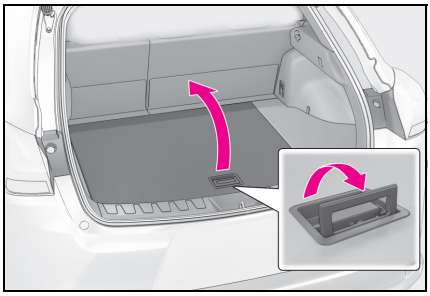
- Store the repair kit in the luggage compartment. Injuries may result in the event of an accident or sudden braking.
- The repair kit is exclusively only for your vehicle. Do not use repair kit on other vehicles, which could lead to an accident causing death or serious injury.
- Do not use repair kit 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

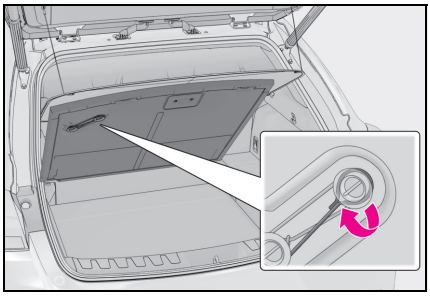
- Ingesting the sealant is hazardous to your health. If you ingest sealant, consume as much water as possible, then immediately consult a doctor.
- If sealant gets in eyes or adheres to skin, immediately wash it off with water. If discomfort persists, consult a doctor.

Taking out the emergency tire puncture repair kit

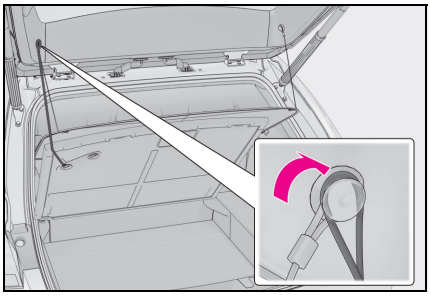
1 Pull the lever upwards and open the deck board.



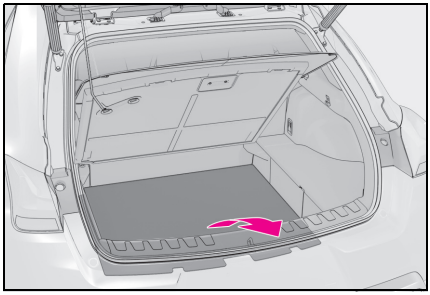
2 Unhook the string on the backside of the deck board.



3 Attach the string to the luggage cover hook on the back door.

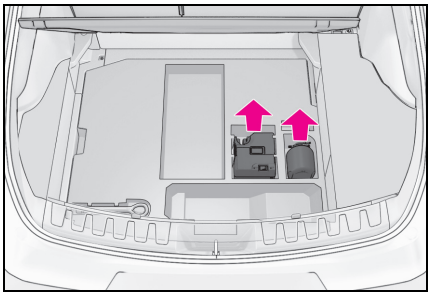


4 Remove the deck mat.

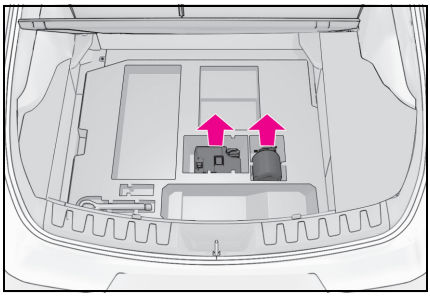


5 Take out the emergency tire puncture repair kit.

▶ 2WD models



▶ AWD models

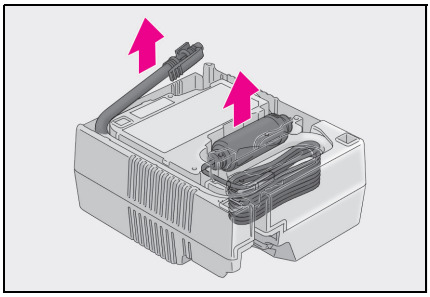


Emergency repair procedure

1 Take out the repair kit from the plastic bag.

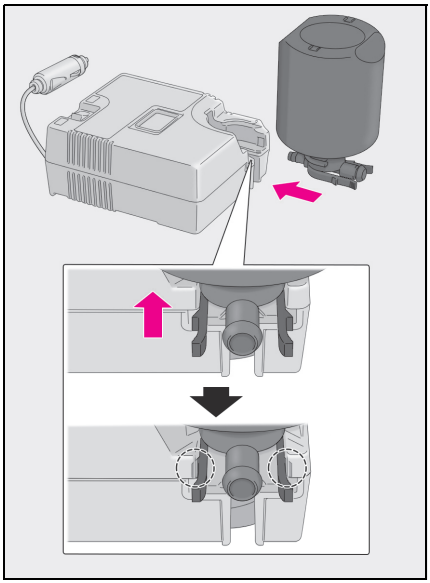
Attach the sticker enclosed with the bottle on the specified locations. (See step **10**.)

2 Remove the hose and take out the power plug from the compressor.



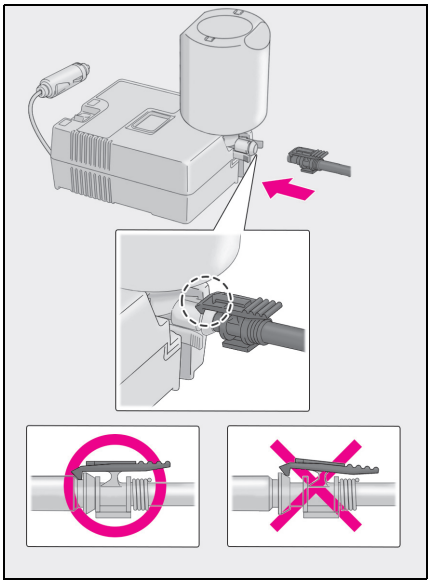
3 Connect the bottle to the compressor.

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.

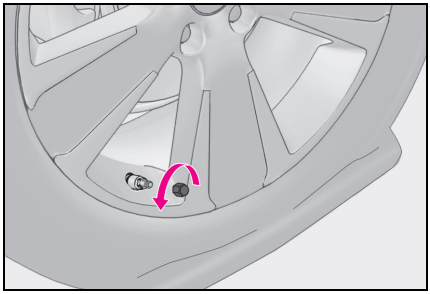


4 Connect the hose to the bottle.

As shown in the illustration, make sure the hose is connected securely to the bottle.



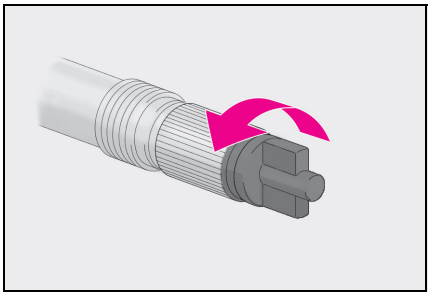
5 Remove the valve cap from the valve of the punctured tire.



6 Extend the hose. Remove the air release cap from the hose.

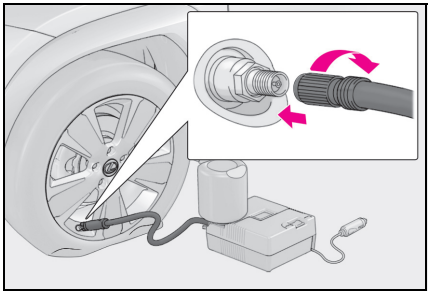
You will use the air release cap again.

Therefore keep it in a safe place.

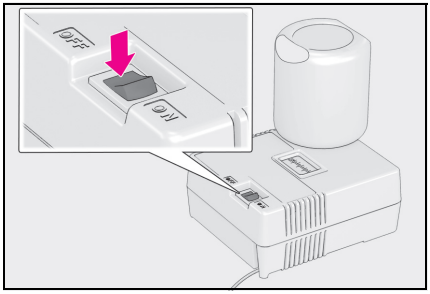


7 Connect the hose to the valve.

Screw the end of the hose clockwise as far as possible.

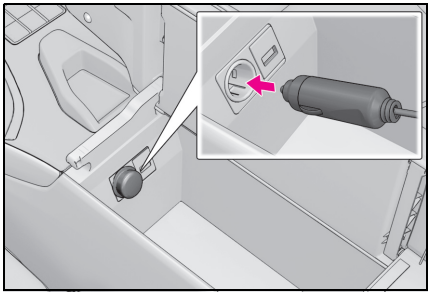


8 Make sure that the compressor switch is off.

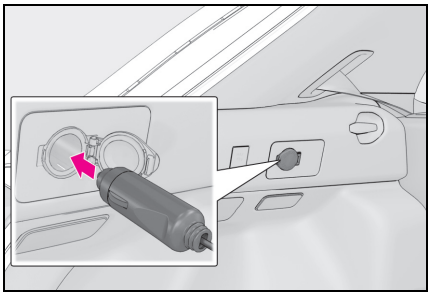


9 Connect the power plug to the power outlet socket. (→P.364)

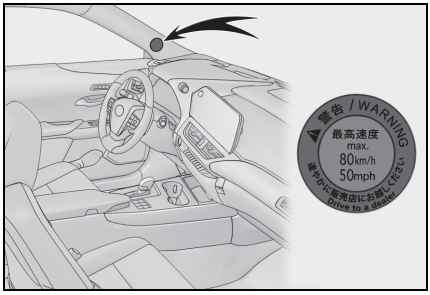
▶ Front



▶ Rear



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.493)

▶ Left-hand drive vehicles

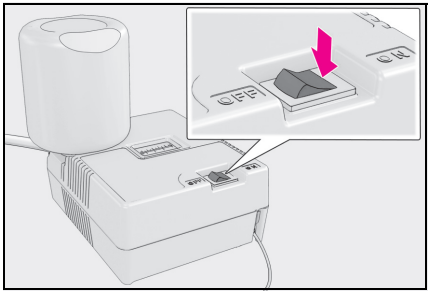


▶ Right-hand drive vehicles

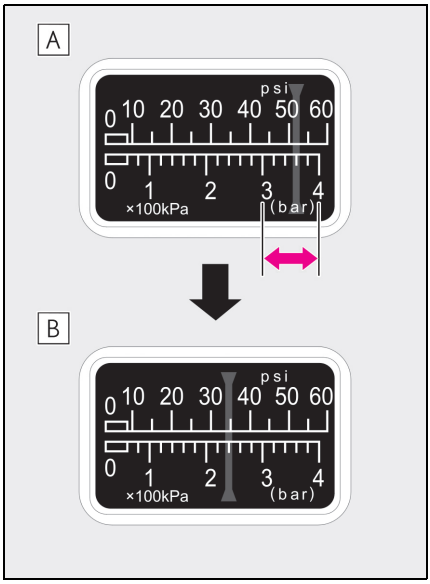


12 Start the hybrid system. (→P.196)

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 300 kPa (3.0 kgf/cm^2 or bar, 44 psi) or 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.460)

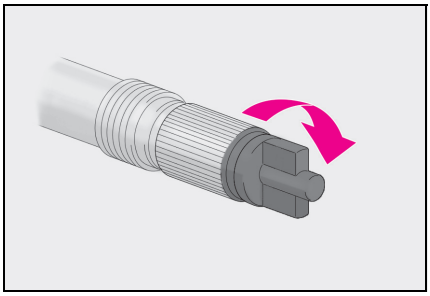
15 With the compressor switch off, pull out the power plug from the power outlet socket and then disconnect the hose from the valve on the tire.

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.

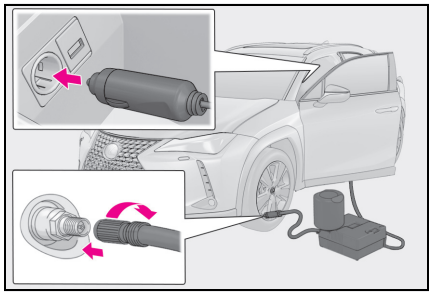


18 Temporarily store the bottle in the luggage compartment while it is connected to the compressor.

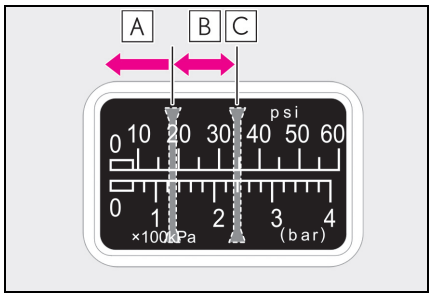
19 To spread the liquid sealant evenly within the tire, immediately drive safely for about 5 km (3 miles) below 80 km/h (50 mph).

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**.

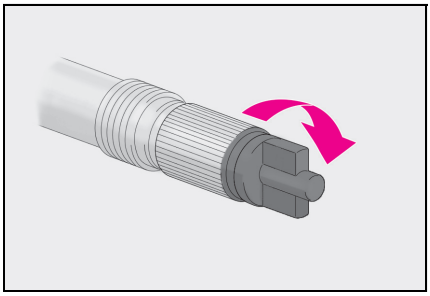
C If the tire inflation pressure is the

specified air pressure (→P.493): 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.

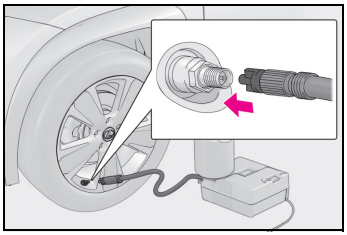
25 Taking precautions to avoid sudden braking, sudden acceleration and sharp turns, drive carefully at under 80 km/h (50 mph) to the nearest authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer that is less than 100 km (62 miles) away for tire repair or replacement.

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.493)
   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.

WARNING

- 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.
- 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 procedures 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 airbag 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.

NOTICE

- 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.

■ 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.
- If fuel splatters on the repair kit, the repair kit may deteriorate. Take care not to allow fuel to contact it.
- 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.402)

If you have a flat tire (vehicles with spare tire)

Your vehicle is equipped with a spare tire. The flat tire can be replaced with the spare tire.

For details about tires: →P.398

WARNING

■ If you have a flat tire

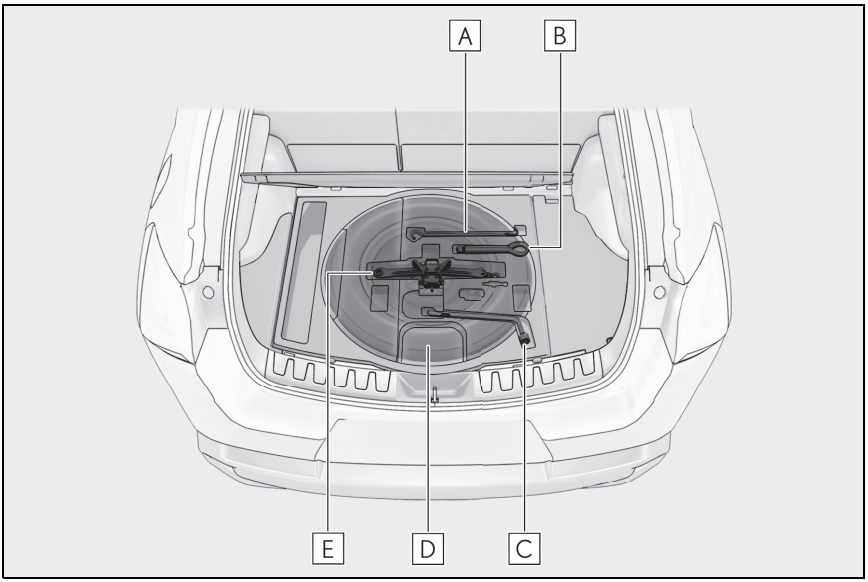
Do not continue driving with a flat tire.

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 jacking up the vehicle

- Stop the vehicle in a safe place on a hard, flat surface.
- Set the parking brake.
- Shift the shift lever to P.
- Stop the hybrid system.
- Turn on the emergency flashers. (→P.426)

Location of the spare tire, jack and tools



A Jack handle

B Towing eyelet

C Wheel nut wrench

D Spare tire

E Jack

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.

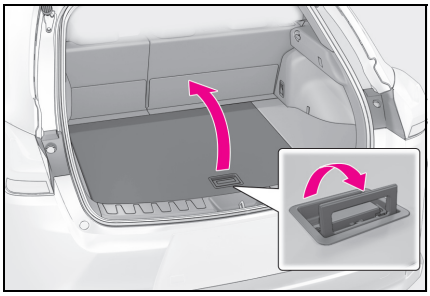
- Do not use the tire jack for any purpose other than replacing tires or installing and removing tire chains.
- Only use the tire jack that comes with this vehicle for replacing a flat tire. Do not use it on other vehicles, and do not use other tire jacks for replacing tires on this vehicle.
- Put the 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 hybrid 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.

WARNING

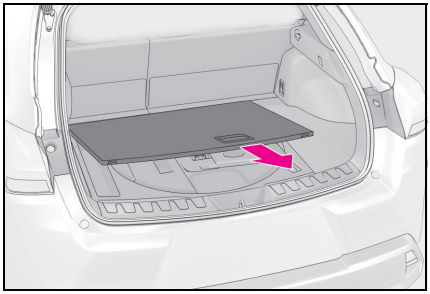
- Do not raise the vehicle to a height greater than that required to replace the tire.
- Use a jack stand if it is necessary to get under the vehicle.
- When lowering the vehicle, make sure that there is no-one near the vehicle. If there are people nearby, warn them vocally before lowering.

Taking out the jack

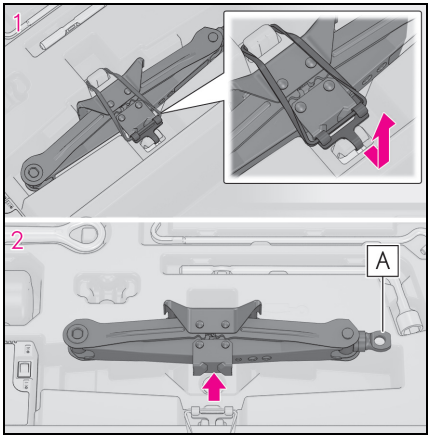
1 Pull the lever upwards and open the deck board.



2 Remove the deck board.



3 Remove the Jack.



1 Unhook the rubber band.

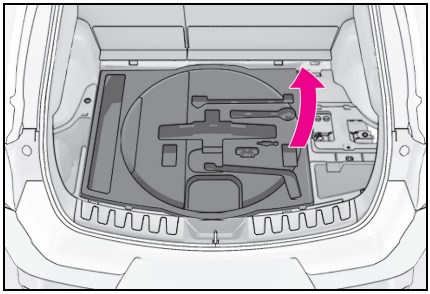
2 Take out the jack.

When stowing the jack, close it by turning the handle indicated by A until it does not move anymore, place the jack and fix it with the rubber band.

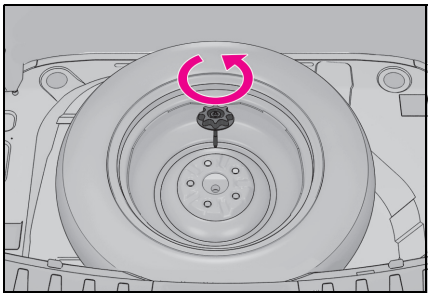
Taking out the spare tire

1 Remove the side deck boards. (→P.359, 396)

2 Remove deck under tray.



3 Loosen the center fastener that secures the spare tire.



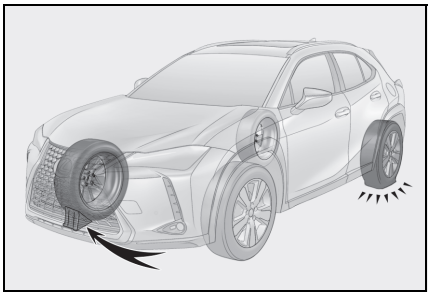
WARNING

■ When storing the spare tire

Be careful not get fingers or other body parts caught between the spare tire and the body of the vehicle.

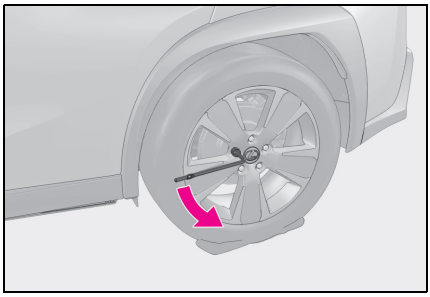
Replacing a flat tire

1 Chock the tires.



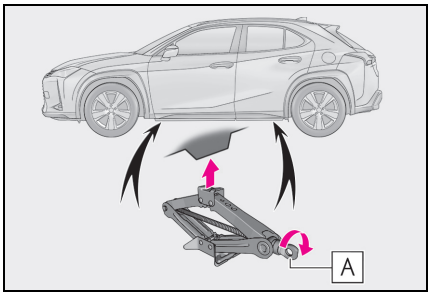
Flat tire	Wheel chock positions
Front left-hand side	Behind the rear right-hand side tire
Front right-hand side	Behind the rear left-hand side tire
Rear left-hand side	In front of the front right-hand side tire
Rear right-hand side	In front of the front left-hand side tire

2 Slightly loosen the wheel nuts (one turn).

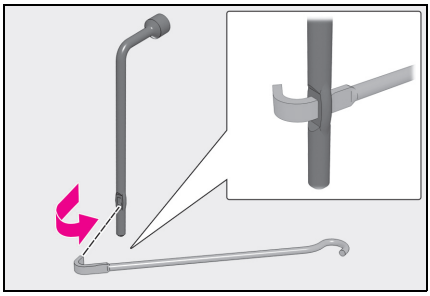


3 Turn the tire jack portion [A] by hand until the notch of the jack is in contact with the jack point.

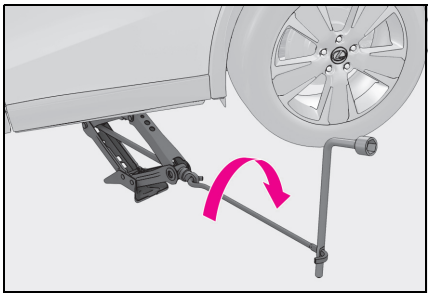
The jack point guides are located under the rocker panel. They indicate the jack point positions.



4 Install the wheel nut wrench in jack handle.

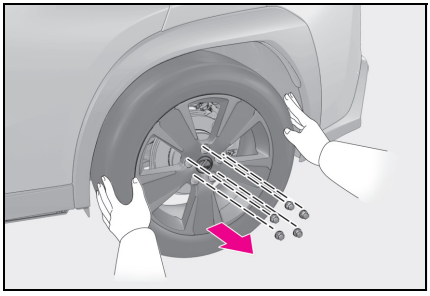


5 Raise the vehicle until the tire is slightly raised off the ground.



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. Remove any oil or grease that has adhered when installing the wheel nuts.
  - After replacing a tire, check the tightening torque as soon as possible. Wheel nut torque: 103 N•m (10.5 kgf•m, 76 ft•lbf)
  - 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

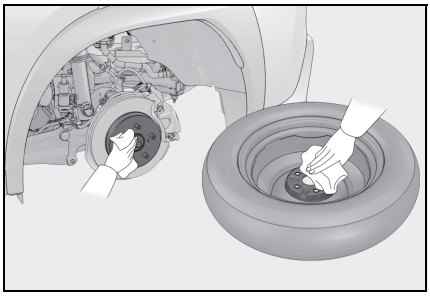
In cases such as when replacing tires, make sure to cancel the power back door system (→P.150). Failure to do so may cause the back door to operate unintentionally if the power back door switch is accidentally touched, resulting in hands and fingers being caught and injured.

Installing the spare tire

1 Remove any dirt or foreign matter from the wheel contact surface.

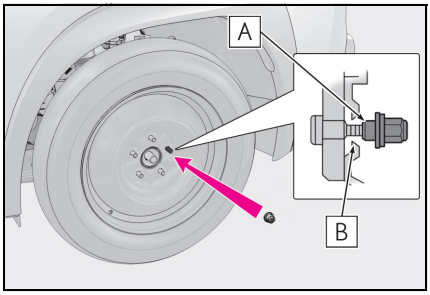
If foreign matter is on the wheel contact surface, the wheel nuts may loosen while

the vehicle is in motion, causing the tire to come off.

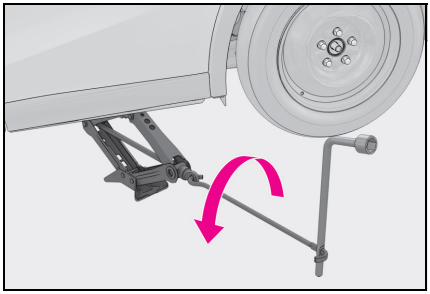


2 Install the spare tire and loosely tighten each wheel nut by hand by approximately the same amount.

Tighten the wheel nuts until the tapered portion A comes into loose contact with the disc wheel seat B.

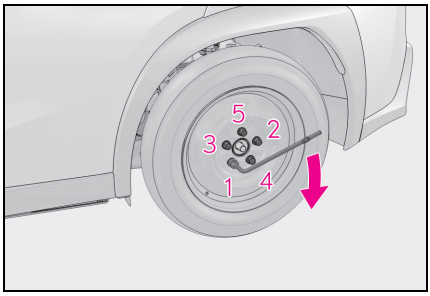


3 Lower the vehicle.



4 Securely tighten the wheel nuts two or three times in the order shown in the illustration using a wheel nut wrench.

Tightening torque:
103 N•m (10.5 kgf•m, 76 ft•lbf)



5 Stow the flat tire, tire jack and all tools.

The compact spare tire

- The compact spare tire is identified by the label "TEMPORARY USE ONLY" on the tire sidewall.
  Use the compact spare tire temporarily, and only in an emergency.
- Make sure to check the tire inflation pressure of the compact spare tire. (→P.493)

When using the compact spare tire

As the compact spare tire is not equipped with a tire pressure warning valve and transmitter, low inflation pressure of the spare tire will not be indicated by the tire pressure warning system. Also, if you replace the compact spare tire after the tire pressure warning light comes on, the light remains on.

When the compact spare tire is attached

The vehicle becomes lower when driving with the compact spare tire compared to when driving with standard tires.

If you have a flat front tire on a road covered with snow or ice

Install the compact spare tire on one of the rear wheels of the vehicle. Perform the following steps and fit tire chains to the front tires:

1 Replace a rear tire with the compact spare tire.

2 Replace the flat front tire with the tire removed from the rear of the vehicle.

3 Fit tire chains to the front tires.

WARNING

■ When using the compact spare tire

- Remember that the compact spare tire provided is specifically designed for use with your vehicle. Do not use your compact spare tire on another vehicle.
- Do not use more than one compact spare tire simultaneously.
- Replace the compact spare tire with a standard tire as soon as possible.
- Avoid sudden acceleration, abrupt steering, sudden braking and shifting operations that cause sudden engine braking.

■ When the compact spare tire is attached

The vehicle speed may not be correctly detected, and the following systems may not operate correctly:

- ABS & Brake assist
- VSC
- TRC
- Cruise control
- Dynamic radar cruise control
- PCS (Pre-Collision System)
- EPS
- AVS (Adaptive Variable Suspension system) (if equipped)
- LTA (Lane Tracing Assist)
- Panoramic view monitor (if equipped)
- Lexus parking assist monitor (if equipped)
- Lexus parking assist-sensor (if equipped)
- Navigation system (if equipped)
- BSM (Blind Spot Monitor) (if equipped)
- RCTA (if equipped)
- SEA (if equipped)
- PKSB (if equipped)
- AHB (Automatic High Beam)
- AHS (Adaptive High-beam System) (if equipped)

Also, not only can the following system not be utilized fully, but it may even negatively affect the drive-train components:

- E-Four (if equipped)

■ Speed limit when using the compact spare tire

Do not drive at speeds in excess of 80 km/h (50 mph) when a compact spare tire is installed on the vehicle.

The compact spare tire is not designed for driving at high speeds. Failure to observe this precaution may lead to an accident causing death or serious injury.

■ After using the tools and jack

Before driving, make sure all the tools and jack are securely in place in their storage location to reduce the possibility of personal injury during a collision or sudden braking.

NOTICE

■ Be careful when driving over bumps with the compact spare tire installed on the vehicle

The vehicle becomes lower when driving with the compact spare tire compared to when driving with standard tires. Be careful when driving over uneven road surfaces.

NOTICE

■ Driving with tire chains and the compact spare tire

Do not fit tire chains to the compact spare tire.
Tire chains may damage the vehicle body and adversely affect driving performance.

■ When replacing the tires

When removing or fitting the wheels, tires or the tire pressure warning valve and transmitter, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as the tire pressure warning valve and transmitter may be damaged if not handled correctly.

If you have a flat tire (vehicles with run-flat tires)

Your vehicle is not equipped with a spare tire, but instead you can continue driving the vehicle with run-flat tires even if any tire goes flat.

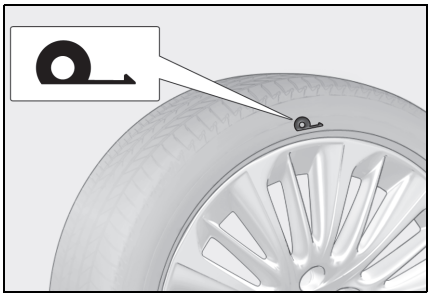
In this case, slow down and drive with extra caution.

Run-flat tires

Take your vehicle to the nearest authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer, or authorized tire dealer as soon as possible if any tire goes flat.

The vehicle can be driven for a maximum of 160 km (100 miles) at a speed below 80 km/h (50 mph) after the tire pressure warning light comes on. (→P.435)

A run-flat tire has a mark on the sidewall.



■ In some conditions (such as at high temperatures)

You cannot continue driving for up to 160 km (100 miles).

■ For the detailed information on run-flat tires

→P.400

NOTICE

■ When replacing the tires

When removing or fitting the wheels, tires or the tire pressure warning valve and transmitter, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as the tire pressure warning valve and transmitter may be damaged if not handled correctly.

■ When driving over bumps

If a vehicle has a flat tire, the vehicle height will be lower than usual. Ensure that nothing strikes the bottom of the vehicle.

■ 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. Make sure to replace the tire pressure warning valve and transmitter when replacing the tire. (→P.402)

If the hybrid system will not start

Reasons for the hybrid system not starting vary depending on the situation. Check the following and perform the appropriate procedure:

The hybrid system will not start even though the correct starting procedure is being followed.

One of the following may be the cause of the problem:

- The electronic key may not be functioning properly. (→P.473)
- There may not be sufficient fuel in the vehicle's tank.
  Refuel the vehicle.
- There may be a malfunction in the immobilizer system. (→P.82)
- There may be a malfunction in the shift control system.* (→P.198)
- There may be a malfunction in the steering lock system (if equipped).
- The hybrid 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 hybrid system. (→P.473)
- There is a possibility that the temperature of the hybrid battery (traction battery) is extremely low

(approximately below -30°C [-22°F]). (→P.78, 197)

*: 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.475)
- The 12-volt battery terminal connections may be loose or corroded. (→P.395)

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:

- The 12-volt battery may be discharged. (→P.475)
- One or both of the 12-volt battery terminals may be disconnected. (→P.395)

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.

Starting the hybrid system in an emergency

When the hybrid system does not start, the following steps can be used as an interim measure to start the hybrid system if the power switch is functioning normally.
Do not use this starting procedure except in cases of emergency.

1 Press the parking brake switch to check that the parking brake is set. (→P.210)

Parking brake indicator will come on.

2 Turn the power switch to ACC.*1, 2

3 Press and hold the power switch for about 15 seconds while depressing the brake pedal firmly.

Even if the hybrid 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.

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

*2: When ACC is disabled, turn the power switch to ON then OFF, and start the hybrid system as described in P.474 within 5 seconds.

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.

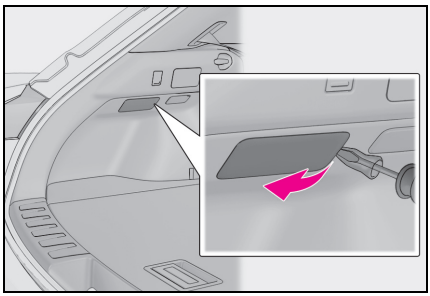
If the fuel filler door cannot be opened

If the fuel filler door opener switch cannot be operated, the following procedure can be used to open the fuel filler door.

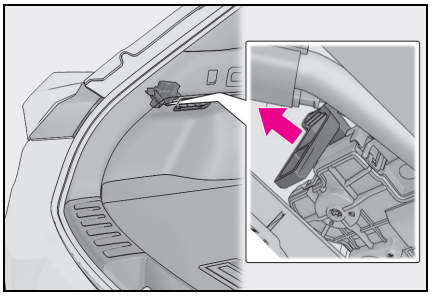
Opening the fuel filler door

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

When removing the cover, to prevent damage, cover the tip of the screwdriver with a rag.



2 Pull the lever.



If the electronic key does not operate properly

If communication between the electronic key and vehicle is interrupted (→P.153) 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 hybrid 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 in the customization setting. If it is off, turn the function on.

(Customizable features: →P.500)

- Check if battery-saving mode is set. If it is set, cancel the function. (→P.153)
- The electronic key function may have stopped. (→P.153)

NOTICE

■ In case of a smart entry & start system malfunction or other key-related problems

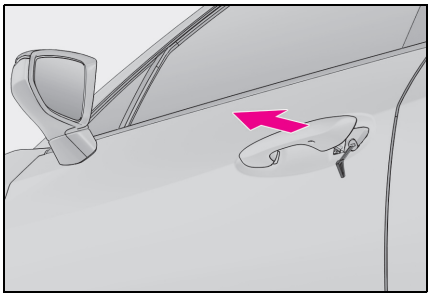
Take your vehicle with all the electronic keys provided with your vehicle, including the card key, to any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Locking and unlocking the doors

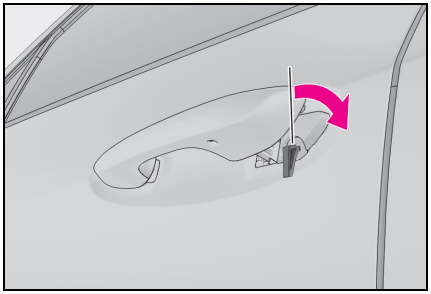
■ Unlocking the door

Use the mechanical key to perform the following operations. (→P.129)

1 Insert the mechanical key while pulling on the driver's door handle.



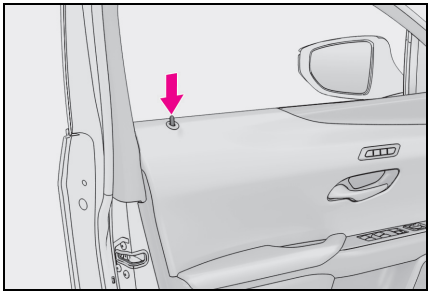
2 Unlock the door.



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

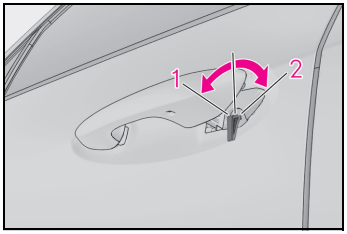
2 Close the door while pulling the door handle.

▶ For the Rear doors

2 Close the door.

Key linked functions

The opening and closing of the power windows and moon roof (if equipped) 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)

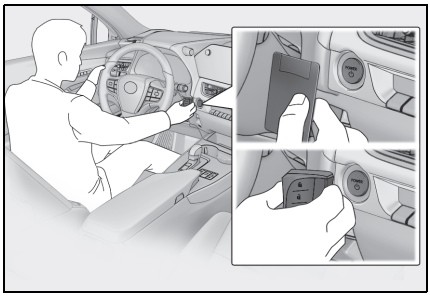
Operate the power window or moon roof after checking to make sure that there is no possibility of any passenger having any of their body parts caught in the window or moon roof.
Also, do not allow children to operate the wireless remote control or mechanical key. It is possible for children and other passengers to get caught in the power window or moon roof.

Starting the hybrid system

1 Ensure that the shift lever is in P and depress the brake pedal.

2 Touch the Lexus emblem side of the electronic key to the power switch.

When the electronic key is detected, a buzzer 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 hybrid system still cannot be started, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Stopping the hybrid system

Shift the shift lever to P, set the parking brake and press the power switch as you normally do when stopping the hybrid 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.417)

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.84)

Changing power switch modes

Release the brake pedal and press the power switch in step **3** above.

The hybrid system does not start and modes will be changed each time the switch is pressed. (→P.199)

If the 12-volt battery is discharged

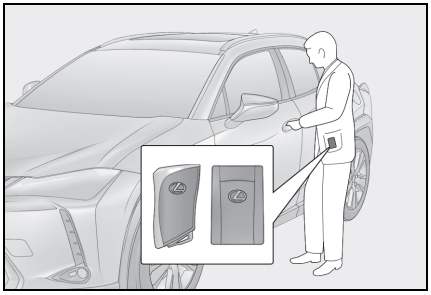
The following procedures may be used to start the hybrid system if the vehicle's 12-volt battery is discharged.
You can also call any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Restarting the hybrid system

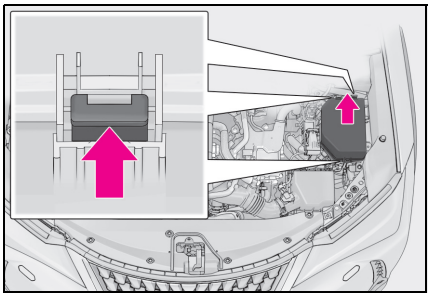
If you have a set of jumper (or booster) cables and a second vehicle with a 12-volt battery, you can jump start your vehicle by following the steps below.

1 Confirm that the electronic key is being carried.

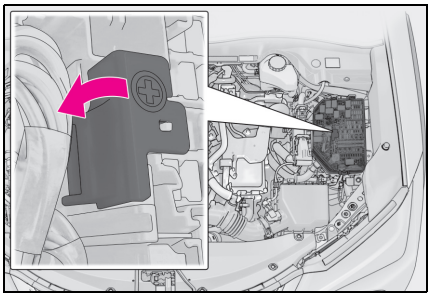
When connecting the jumper (or booster) cables, depending on the situation, the alarm may activate and the doors may lock. (→P.85)



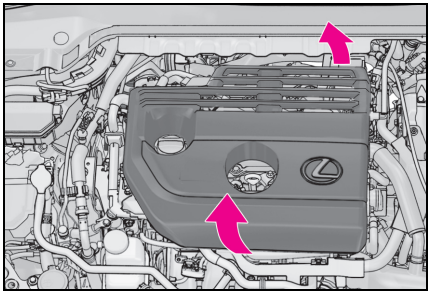
2 Open the hood (→P.388) and fuse box cover.



3 Open the exclusive jump starting terminal cover.

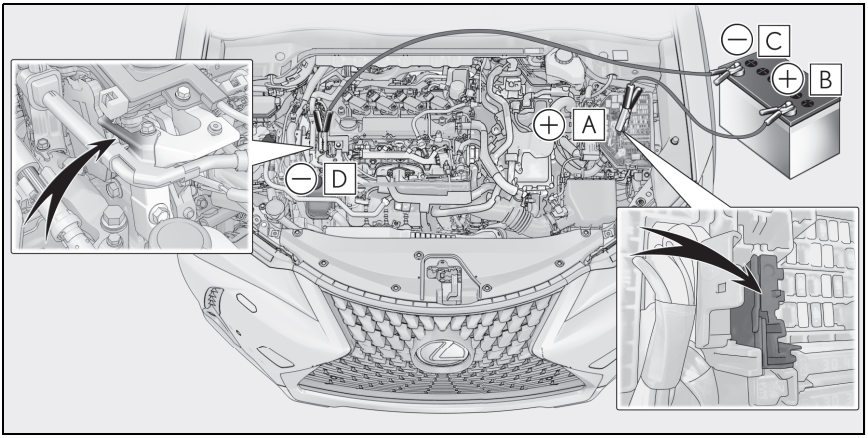


4 Remove the engine cover.



5 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].

Use jumper cables that can reach the specified terminals and connecting point.



A Exclusive jump starting terminal (your vehicle)

B Positive (+) battery terminal (second vehicle)

C Negative (-) battery terminal (second vehicle)

D Metallic point shown in the illustration

6 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.

7 Vehicles with steering lock system: Open and close any of the doors of your vehicle with the power switch OFF.

8 Maintain the engine speed of the second vehicle and start the hybrid system of your vehicle by turning the power switch to ON.

9 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.

10 Once the hybrid system has started, remove the jumper cables in the exact reverse order from which they were connected.

11 Close the exclusive jump starting terminal cover, and reinstall the fuse box cover to its original position.

Once the hybrid 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 hybrid system when the 12-volt battery is discharged

The hybrid 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 hybrid 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 hybrid system may be unable to start. (The 12-volt battery recharges automatically while the hybrid system is operating.)

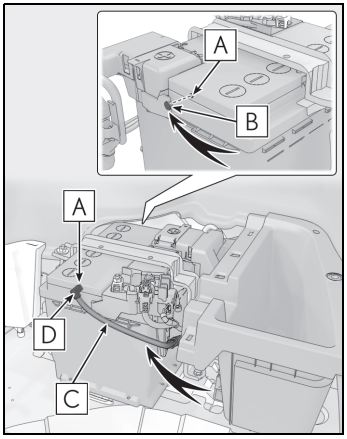
■ When recharging or replacing the 12-volt battery

- 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 hybrid 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.
- The power back door (if equipped) must be initialized. (→P.147)

■ **When replacing the 12-volt battery**

- Use a Central Degassing type 12-volt battery (European Regulations).
- Use a 12-volt battery that the case size is same as the previous one (LN1), 20 hour rate capacity (20HR) is equivalent (45Ah) or greater, and performance rating (CCA) is equivalent (285A) 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 hybrid 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 hybrid system may not be able to start.
- Use a 12-volt battery with a handle. If a 12-volt battery without a handle is used, removal is more difficult.
- After exchanging, firmly attach the following items to the exhaust hole of the 12-volt battery.
  - Confirm that the elbow is securely attached to the exhaust hose and exhaust hole.
  - Confirm that the exhaust hole plug is securely attached to the exhaust hole that the elbow is not attached to.
  - Use the elbow/exhaust hole plug included with the 12-volt battery exchanged or the one installed on the battery prior to the exchange. (Depending on the 12-volt battery to be exchanged, the exhaust hole may be plugged.)



A Exhaust hole

B Exhaust hole plug

C Exhaust hose

D Elbow

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.

■ 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.

■ After recharging the 12-volt battery

Have the 12-volt battery inspected at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as soon as possible.
If the 12-volt battery is deteriorating, continued use may cause the 12-volt battery to emit a malodorous gas, which may be detrimental to the health of passengers.

■ 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.
- After exchanging, securely attach the elbow connected to the exhaust hose, and exhaust hole plug to the exhaust hole of the exchanged 12-volt battery. If not properly installed, gases (hydrogen) may leak into the vehicle interior, and there is the possible danger of the gas igniting and exploding.

NOTICE

■ When handling jumper cables

When connecting the jumper cables, ensure that they do not become entangled in the cooling fans or belt.

NOTICE

■ When connecting jumper cables

Make sure to connect jumper cables to the specified terminals and connecting point. Failure to do so may adversely affect the electronic devices or damage to them.

■ To prevent damaging the vehicle

The exclusive jump starting terminal is to be used when charging the 12-volt battery from another vehicle in an emergency. It cannot be used to jump start another vehicle.

If your vehicle overheats

The following may indicate that your vehicle is overheating.

- The engine coolant temperature gauge (→P.96, 102) enters the red zone, or a loss of hybrid system power is experienced. (For example, the vehicle speed does not increase.)
- "Engine Coolant Temp High Stop in a Safe Place See Owner's Manual" or "Hybrid System Overheated Reduced Output Power" is shown on the multi-information display.
- Steam comes out from under the hood.

Correction procedures

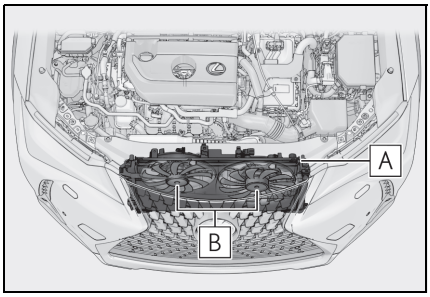
▶ If the engine coolant temperature gauge enters the red zone or "Engine Coolant Temp High Stop in a Safe Place See Owner's Manual" is shown on the multi-information display

1 Stop the vehicle in a safe place and turn off the air conditioning system, and then stop the hybrid system.

2 If you see steam:
Carefully lift the hood after the steam subsides.
If you do not see steam:
Carefully lift the hood.

3 After the hybrid system has cooled down sufficiently, inspect the hoses

and radiator core (radiator) for any leaks.

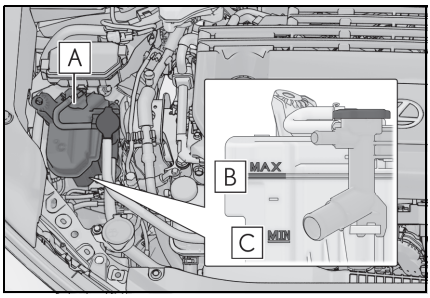


A Radiator

B Cooling fans

If a large amount of coolant leaks, immediately contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

4 The coolant level is satisfactory if it is between the "MAX" and "MIN" lines on the reservoir.



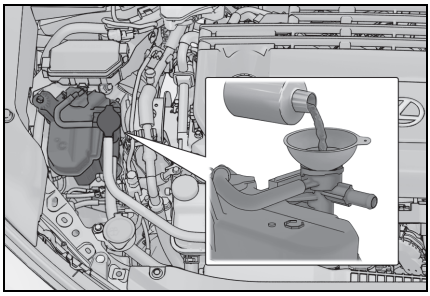
A Reservoir

B "MAX" line

C "MIN" line

5 Add coolant if necessary.

Water can be used in an emergency if coolant is unavailable.



6 Start the hybrid system and turn the air conditioning system on to check that the radiator cooling fans operate and to check for coolant leaks from the radiator or hoses.

The fans operate when the air conditioning system is turned on immediately after a cold start. Confirm that the fans are operating by checking the fan sound and air flow. If it is difficult to check these, turn the air conditioning system on and off repeatedly. (The fans may not operate in freezing temperatures.)

7 If the fans are not operating:
Stop the hybrid system immediately and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
If the fans are operating:
Have the vehicle inspected at the nearest any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

8 Check if "Engine Coolant Temp High Stop in a Safe Place See Owner's Manual" is shown on the multi-information display.
If the message does not disappear:
Stop the hybrid system and contact any authorized Lexus retailer or Lexus authorized repairer, or any

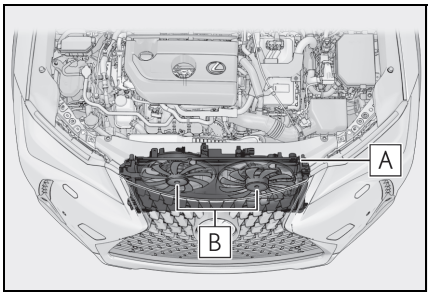
reliable repairer.
If the message is not displayed:
Have the vehicle inspected at the nearest authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

▶ If "Hybrid System Overheated Reduced Output Power" is shown on the multi-information display

1 Stop the vehicle in a safe place.

2 Stop the hybrid system and carefully lift the hood.

3 After the hybrid system has cooled down, inspect the hoses and radiator core (radiator) for any leaks.

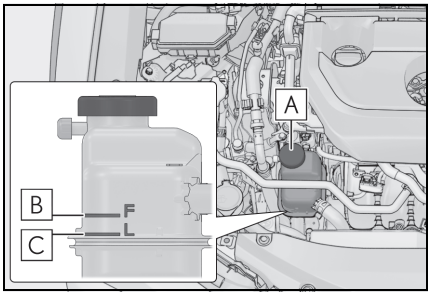


A Radiator

B Cooling fans

If a large amount of coolant leaks, immediately contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

4 The coolant level is satisfactory if it is between the "F" and "L" lines on the reservoir.



A Reservoir

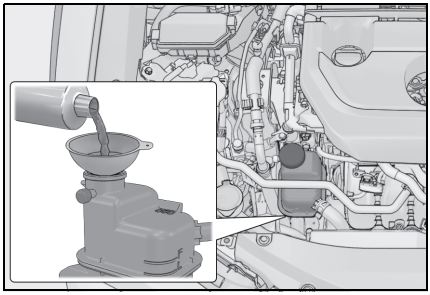
B "F" line

C "L" line

5 Add coolant if necessary.

Water can be used in an emergency if coolant is unavailable.

If water has been added in an emergency, have the vehicle inspected at the nearest authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as soon as possible.



6 After stopping the hybrid system and waiting for 5 minutes or more, start the hybrid system again and check if "Hybrid System Overheated Reduced Output Power" is shown on the multi-information display.

If the message does not disappear:
Stop the hybrid system and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

If the message is not displayed:
The hybrid system temperature has dropped and the vehicle may be driven normally.

However, if the message appears again frequently, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

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 engine compartment may be very hot.
- After the hybrid system has been turned off, check that the "READY" indicator is off. When the hybrid system is operating, the gasoline engine may automatically start, or the cooling fans may suddenly operate even if the gasoline engine stops. Do not touch or approach rotating parts such as the fans, which may lead to fingers or clothing (especially a tie, a scarf or a muffler) getting caught, resulting in serious injury.
- Do not loosen the coolant reservoir cap while the hybrid system and radiator are hot. High temperature steam or coolant could spray out.

NOTICE

■ When adding engine/power control unit coolant

Add coolant slowly after the hybrid system has cooled down sufficiently. Adding cool coolant to a hot hybrid system too quickly can cause damage to the hybrid 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

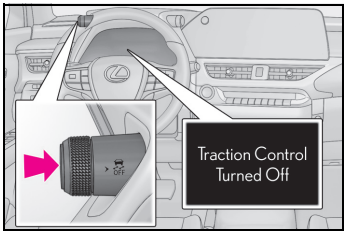
Carry out the following procedures if the tires spin or the vehicle becomes stuck in mud, dirt or snow:

Recovering procedure

1. Stop the hybrid system. Shift the shift position to P and set the parking brake.
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 hybrid 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.325)



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 lever 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 hybrid 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.

8-1. Specifications

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8-3. Initialization

Items to initialize 511

Maintenance data (fuel, oil level, etc.)

Dimensions and weights

Overall length		4495 mm (177.0 in.)
Overall width		1840 mm (72.4 in.)
Overall height*1		1520 mm (59.8 in.)*2 1540 mm (60.6 in.)*3
Wheelbase		2640 mm (103.9 in.)
Tread	Front	1558 mm (61.3 in.)*4 1548 mm (60.9 in.)*5
	Rear	1560 mm (61.4 in.)*4 1550 mm (61.0 in.)*5
Gross vehicle mass		2110 kg (4652 lb.)
Maximum permissible axle capacity	Front	1150 kg (2535 lb.)
	Rear	1200 kg (2646 lb.)
Drawbar load*6		75 kg (165 lb.)
Towing capacity*6		750 kg (1654 lb.)

*1: Unladen vehicle

*2: Vehicles with roof rail/without shark fin antenna

*3: Vehicles with shark fin antenna

*4: Vehicles with 215/60R17 tires

*5: Vehicles with 225/50RF18 tires

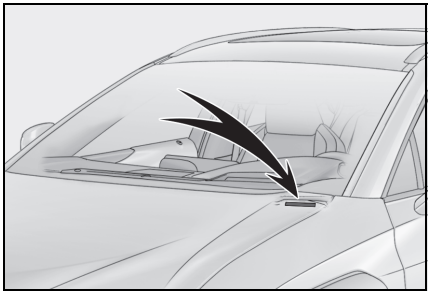
*6: Vehicles with towing package

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.

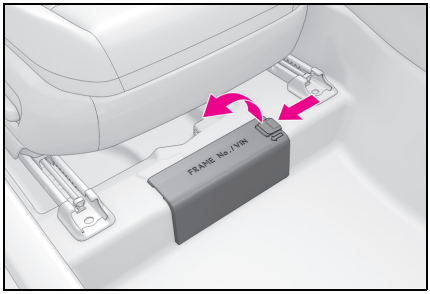
This number is on the top left of the instrument panel.



This number is also on the manufacturer's label.

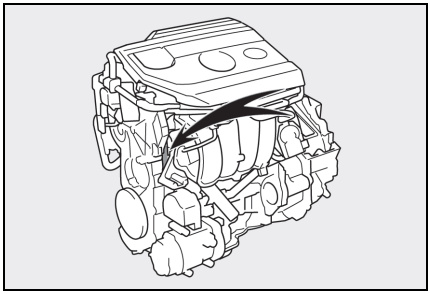


This number is also stamped under the right-hand front seat.



Engine number

The engine number is stamped on the engine block as shown.



Engine

Model	M20A-FXS
Type	4-cylinder in line, 4-cycle, gasoline
Bore and stroke	80.5 × 97.6 mm (3.17 × 3.84 in.)
Displacement	1987 cm^3 (121.3 cu.in.)
Valve clearance	Automatic adjustment

Fuel

Fuel type	When you find these types of fuel label at the gas station, use only the fuel with one of the following labels.  EU area: Unleaded gasoline conforming to European standard EN228 only Except EU area: Unleaded gasoline only
Research Octane Number	91 or higher *1
	95 or higher *2
Fuel tank capacity (Reference)	43 L (11.4 gal., 9.5 Imp.gal.)

*1: For Azerbaijan, Georgia and Ukraine

*2: Except Azerbaijan, Georgia and Ukraine

Electric motor (traction motor)

▶ Front

Type	Permanent magnet synchronous motor
Maximum output	83 kW
Maximum torque	206 N•m (21.0 kgf•m, 151.9 ft•lbf)

▶ Rear (AWD models)

Type	Permanent magnet synchronous motor
Maximum output	30 kW
Maximum torque	84 N•m (8.6 kgf•m, 62.0 ft•lbf)

Hybrid battery (traction battery)

Type	Lithium-ion battery
Voltage	3.7 V/cell
Capacity	4.08 Ah
Quantity	60 Cells
Nominal voltage	222 V

Lubrication system

■ **Oil capacity (Drain and refill—reference*)**

With filter	3.9 L (4.1 qt., 3.4 Imp.qt.)
Without filter	3.5 L (3.7 qt., 3.1 Imp.qt.)

*: The engine oil capacity is a reference quantity to be used when changing the engine oil. When actually adding the engine oil, make sure that the oil level is between the low level mark and refill upper limit mark (→P.392). Warm up the engine and turn off the hybrid system, wait about 5 minutes, and check the oil level on the dipstick.

■ **Engine oil selection**

"Toyota Genuine Motor Oil" is used in your Lexus vehicle. Lexus recommends the use of approved "Toyota Genuine Motor Oil". Another motor oil of matching quality can also be used.

Oil grade:

0W-8:

JASO GLV-1

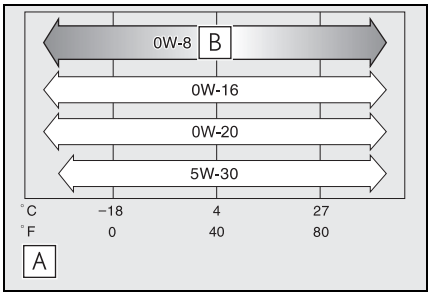
0W-16:

API grade SN "Resource-Conserving", SN PLUS "Resource-Conserving" or SP "Resource-Conserving"; or ILSAC GF-6B multigrade engine oil

0W-20 and 5W-30:

API grade SM "Energy-Conserving", SN "Resource-Conserving", SN PLUS "Resource-Conserving" or SP "Resource-Conserving"; or ILSAC GF-6A multigrade engine oil

Recommended viscosity (SAE):



A Temperature range anticipated before next oil change

B Preferred

SAE 0W-8 is filled into your Lexus vehicle at manufacturing, and the best choice for good fuel economy and good starting in cold weather.

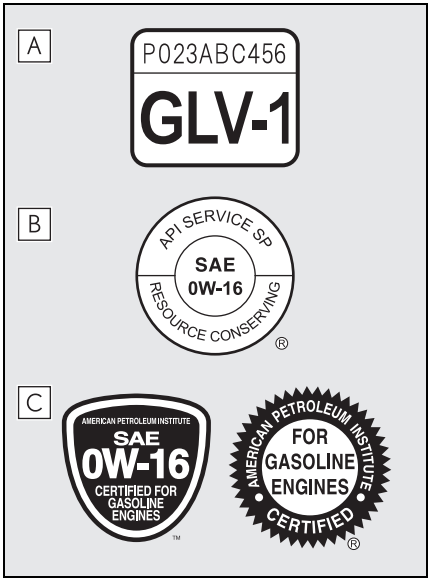
If SAE 0W-8 oil is not available, SAE 0W-16 or 0W-20 oil may be used. However, it should be replaced with SAE 0W-8 at the next oil change.

Oil viscosity (0W-8 is explained here as an example):

- The 0W in 0W-8 indicates the characteristic of the oil which allows cold startability. Oils with a lower value before the W allow for easier starting of the engine in cold weather.
- The 8 in 0W-8 indicates the viscosity characteristic of the oil when the oil is at high temperature. An oil with a higher viscosity (one with a higher value) may be better suited if the vehicle is operated at high speeds, or under extreme load conditions.

How to read oil container labels:

Either one or two of following marks are added to some oil containers to help you select the oil you should use.



A JASO GLV-1 Mark

The Japanese Automotive Standards Organization (JASO) GLV-1 Mark is displayed on the container.

B API Service Symbol

Top portion: "API SERVICE SP" means the oil quality designation by American Petroleum Institute (API).
Center portion: "SAE 0W-16" means the SAE viscosity grade.

Lower portion: "Resource-Conserving" means that the oil has fuel-saving and environmental protection capabilities.

C ILSAC Certification Mark

The International Lubricant Specification Advisory Committee (ILSAC) Certification Mark is displayed on the front of the container.

Cooling system

Capacity*	Gasoline engine	6.1 L (6.4 qt., 5.4 Imp.qt.)
	Power control unit	1.6 L (1.7 qt., 1.4 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.

Ignition system

Spark plug

Make	DENSO FC16HR-Q8
Gap	0.8 mm (0.031 in.)

NOTICE

Iridium-tipped spark plugs

Use only iridium-tipped spark plugs. Do not adjust the spark plug gap.

Electrical system

12-volt battery

Open voltage at 20°C(68°F)	12.0 V or higher If the voltage is lower than the standard value, charge the battery. (After charging the battery, turn on the high beam headlights for 30 seconds with the power switch OFF, and turn the headlights off.)
Charging rates:	5 A max.

Hybrid transmission

Fluid capacity*	3.7 L (3.9 qt., 3.3 Imp. qt.)
Fluid type	Toyota Genuine e-Transaxle Fluid TE

*: The fluid capacity is the quantity of reference.
If replacement is necessary, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

NOTICE

■ Hybrid 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.

Rear differential (rear electric motor) (AWD models)

Fluid capacity*	1.4 L (1.5 qt., 1.2 Imp. qt.)
Fluid type	Toyota Genuine e-Transaxle Fluid TE

*: The fluid capacity is the quantity of reference.
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	123 mm (4.84 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 (30.6 kgf, 67.4 lbf) while the hybrid 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.436)

Steering

Free play	Less than 30 mm (1.2 in.)

Tires and wheels

▶ 17-inch tires (type A)

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)

▶ 17-inch tires (type B)

Tire size	215/60R17 96H
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	17 × 6 1/2 J
Wheel nut torque	103 N•m (10.5 kgf•m, 76 ft•lbf)

▶ 18-inch tires

Tire size	225/50RF18 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)

▶ Compact spare tire (type A)*

Tire size	T145/90D16 106M
Spare tire inflation pressure (Recommended cold tire inflation pressure)	420 kPa (4.2 kgf/cm^2 or bar, 60 psi)
Wheel size	16 × 4T
Wheel nut torque	103 N•m (10.5 kgf•m, 76 ft•lbf)

*: if equipped

▶ Compact spare tire (type B)*

Tire size	T145/70D18 107M
Spare tire inflation pressure (Recommended cold tire inflation pressure)	420 kPa (4.2 kgf/cm^2 or bar, 60 psi)
Wheel size	18 × 4T
Wheel nut torque	103 N•m (10.5 kgf•m, 76 ft•lbf)

*: if equipped

■ **When towing a trailer (vehicles with towing package)**

Add 20.0 kPa (0.2 kgf/cm^2 or bar, 3 psi) to the recommended tire inflation pressure and drive at speeds below 100 km/h (62 mph).

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)

Fuel information

When you find these types of fuel label at the gas station, use only the fuel with one of the following labels.



EU area:
You must only use unleaded gasoline conforming to European standard EN228.
Select unleaded gasoline with a Research Octane Number of 95 or higher for optimum engine performance.

Except EU area:
You must only use unleaded gasoline.
Except Azerbaijan, Georgia and Ukraine: Select unleaded gasoline with a Research Octane Number of 95 or higher for optimum engine performance.

For Azerbaijan, Georgia and Ukraine: Select unleaded gasoline with a Research Octane Number of 91 or higher for optimum engine performance.

Use of ethanol blended gasoline in a gasoline engine

Lexus allows the use of ethanol blended gasoline where the ethanol content is up to 10%. Make sure that the ethanol blended gasoline to be used has a Research Octane Number that follows the above.

If your engine knocks

- Consult any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- You may occasionally notice light knocking for a short time while accelerating or driving uphill. This is normal and there is no need for concern.

NOTICE

Notice on fuel quality

- Do not use improper fuels. If improper fuels are used, the engine will be damaged.
- Do not use gasoline with metallic additives, for example manganese, iron or lead, otherwise it may cause damage on your engine or emission control system.
- Do not add aftermarket fuel additives which contain metallic additives.
- EU area: Bioethanol fuel sold under names such as “E50” or “E85” and fuel containing a large amount of ethanol should not be used. The use of these fuels will damage the vehicle’s fuel system. In case of any doubt, ask any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- Except EU area: Bioethanol fuel sold under names such as “E50” or “E85” and fuel containing a large amount of ethanol should not be used. Your vehicle can use gasoline mixed with 10% max ethanol. The use of fuel with more than 10% ethanol content (E10) will damage the vehicle’s fuel system. You must ensure that refueling is carried out only from a source where fuel specification and quality can be guaranteed. In case of any doubt, ask any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

NOTICE

- Do not use the methanol blended gasoline such as M15, M85, M100. The use of gasoline containing methanol may cause engine damage or failure.

Customizable features

Your vehicle includes a variety of electronic features that can be personalized to suit your preferences. The settings of these features can be changed by using the Center Display or at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Some of the customizable features are changed in conjunction with the settings of My Settings. (→P.177)

Customizing vehicle features

■ **To change setting with** ⚙

1 Select ⚙ on the Center Display.

2 Select "Vehicle customise" or "Driving assist".

3 Select the item to change the settings of from the list.

For functions that can be turned on/off, select (ON) / (OFF).

For functions whose level can be adjusted, such as volume, sensor sensitivity, etc., slide the icon on the bar.

■ **To change setting with** 🚗

1 Select 🚗 on the Center Display.

2 Select "Driving assist".

3 Select the item to change the settings of from the list.

Each time the switch is selected, the setting will be enabled/disabled.

When enabling is selected, the item display will be emphasized.

■ **During customization**

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 hybrid system operating while customizing the features.

■ **Using the ⋯ icon**

Some vehicle customise settings can also be changed through the ⋯ icon.

WARNING

■ **During customization**

As the hybrid system needs to be operating during customization, ensure that the vehicle is parked in a place with adequate ventilation. In a closed area such as a garage, exhaust gases including harmful carbon monoxide (CO) may collect and enter the vehicle. This may lead to death or a serious health hazard.

NOTICE

■ **During customization**

To prevent 12-volt battery discharge, ensure that the hybrid 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 Center Display

[B] 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

■ **Gauges, meters and multi-information display (→P.96, 102, 110, 111, 115)**

The language, units of measure, etc. of some items displayed on the meter or multi-information display will be changed according to settings on the Center Display. Refer to "MULTIMEDIA OWNER'S MANUAL".

Function	Default setting	Customized setting	A	B
Meter display type*1	Type 1	Type 2	O	—
		Type 3		
Tachometer setting	Change according to driving mode	Always tachometer	O	—
		Always Hybrid System Indicator		
Rev indicator*2	On	Off	O	—
Rev indicator red zone setting*2	4000 r/min	2000~6200 r/min	O	—
Rev peak*2	On	Off	O	—
EV indicator*1	On	Off	O	—
Suggestion function*1	On	On (when the vehicle is stopped)	O	—
		Off		
Stop light indicator	On	Off	O	—

*1: This setting changes in accordance with My Settings

*2: F SPORT models

■ **Head-up Display*1 (→P.112)**

Function	Default setting	Customized setting	A	B
Head-up display*2	On	Off	O	—

Function	Default setting	Customized setting	A	B
Head-up display type*2	Standard	Full	○	—
		Minimum		
Rotation*2	Horizontal position	Rotating counter-clockwise/clockwise	○	—

*1: If equipped

*2: This setting changes in accordance with My Settings

■ **Door lock (→P.132, 473)**

Function	Default setting	Customized setting	A	B
Unlocking using a mechanical key	All doors unlocked in one step	Driver's door unlocked in one step, all doors unlocked in two step	—	○
Speed linked door locking function*	On	Off	○	○
Shift position linked door locking function*	Off	On	○	○
Shift position linked door unlocking function*	Off	On	○	○
Driver's door linked door unlocking function*	On	Off	○	○

*: This setting changes in accordance with My Settings

■ **Power back door*1 (→P.140)**

Function	Default setting	Customized setting	A	B
Power back door	On	Off	○	—
Hands Free Power Back Door (kick sensor)*1	On	Off	○	—
Hands Free Power Back Door (kick sensor) when the power switch is OFF*1, 2	On	Off	—	○

Function	Default setting	Customized setting	A	B
Buzzer volume	Level 3	Level 1	○	—
		Level 2		
The function that validates the switch of the wireless remote control when locking the door	On	Off	—	○
Close & lock (walk away) function	Off	On	—	○
Hands Free close & lock (walk away) function*1	Off	On	—	○
Power back door opening position	5	1 to 5	○	—
		User setting*3		

*1: If equipped

*2: When the towing hitch is installed, Hands Free Power Back Door (kick sensor) does not work.

*3: Configured by operating the switch of the back door.

■ **Smart entry & start system and wireless remote control (→P.128, 151)**

Function	Default setting	Customized setting	A	B
Operation signal (Emergency flashers)*	On	Off	○	○
Time elapsed before automatic door lock function is activated if door is not opened after being unlocked*	30 seconds	60 seconds	○	○
		120 seconds		
Open door warning buzzer	On	Off	—	○

*: This setting changes in accordance with My Settings

■ **Smart entry & start system (→P.151)**

Function	Default setting	Customized setting	A	B
Smart entry & start system	On	Off	○	○
Smart door unlocking*	All the doors	Driver's door	○	○

Function	Default setting	Customized setting	A	B
Number of consecutive door lock operations	2 times	As many as desired	—	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		

*: The default setting varies according to countries.

■ **Wireless remote control (→P.128)**

Function	Default setting	Customized setting	A	B
Unlocking operation*	All doors unlocked in one step	Driver's door unlocked in one step, all doors unlocked in two step	O	O
Power back door unlocking operation	Press and hold	One short press	—	O
		Press twice		
		Off		

*: This setting changes in accordance with My Settings

■ **Driving position memory*1 (→P.173)**

Function	Default setting	Customized setting	A	B
Selecting doors linked to the memory recall function	Driver's door	All doors	—	O
Driver's seat movement when exiting the vehicle*2	Standard	Off	O	O
		Partial		
Steering wheel movement	Tilt only	Telescopic only	O	—
		Tilt and telescopic		
		Off		

*1: If equipped

*2: This setting changes in accordance with My Settings

■ **Outside rear view mirrors (→P.163)**

Function	Default setting	Customized setting	A	B
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.167, 170)**

Function	Default setting	Customized setting	A	B
Mechanical key linked operation	Off	On	—	O
Wireless remote control linked operation	Off	On	—	O

*: If equipped

■ **Reverse warning buzzer**

Function	Default setting	Customized setting	A	B
Signal (buzzer) when the shift position is in R	Off	On	—	O

■ **Automatic light control system (→P.216)**

Function	Default setting	Customized setting	A	B
Light sensor sensitivity*	Normal	Brighter	O	O
		Bright		
		Dark		
		Darker		
Time elapsed before headlights turn off (Extended Headlight Lighting system)	30 seconds	60 seconds	—	O
		90 seconds		
		120 seconds		

*: This setting changes in accordance with My Settings

■ Lights (→P.216)

Function	Default setting	Customized setting	A	B
Welcome lighting	On	Off	—	O

■ AHS (Adaptive High-beam System)*1 (→P.219)

Function	Customized setting	A	B
Adaptive High-beam System	ON/OFF*2	—	O
Brightness and illuminated area adjustment of the high beams according to the vehicle speed	15 km/h (9 mph) / 30 km/h (19 mph) / 120 km/h (75 mph)	—	O
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
High beam light distribution control for rain	ON/OFF	—	O
Upper level high beam light distribution control	ON/OFF	—	O
Light distribution control for urban areas	ON/OFF	—	O

*1: If equipped

*2: Operating as the Automatic High Beam. (→P.222)

■ Rear window wiper (→P.231)

Function	Default setting	Customized setting	A	B
Rear window wiper operation when the back door is opened	On	Off	—	O
Washer linked rear window wiper operation	On	Off	—	O

Function	Default setting	Customized setting	A	B
Shift position linked rear window wiper operation	Once	Off	—	○
		Continuous		

■ **PCS (Pre-Collision System) (→P.246)**

Function	Customized setting	A	B
Pre-Collision System	ON/OFF	○	—
Warning timing*	Later/Default/Earlier	○	—

*: This setting changes in accordance with My Settings

■ **LDA (Lane Departure Alert System) (→P.261)**

Function	Customized setting	A	B
Lane Departure Alert system*	ON/OFF	○	—
Alert timing*	Default/Earlier	○	—
Alert options*	Vibration/Audible	○	—

*: This setting changes in accordance with My Settings

■ **Dynamic radar cruise control (DRCC) (→P.275)**

Function	Customized setting	A	B
Overtake prevention*	ON/OFF	○	—
Acceleration setting*	Low/Mid/High	○	—
Speed setting (short press)*	1km/h (1 mph) / 5km/h (5 mph)/10km/h (10 mph)	○	—
Speed setting (long press)*	1km/h (1 mph) / 5km/h (5 mph)/10km/h (10 mph)	○	—
DRCC(RSA)*	ON/OFF	○	—
Speed limit offset*	-5 to 5	○	—
Guide message*	ON/OFF	○	—
Curve speed reduction*	OFF/Low/Mid/High	○	—

*: This setting changes in accordance with My Settings

■ **Proactive Driving Assist**[*1] (→P.266)

Function	Customized setting	A	B
Proactive Driving Assist (PDA)[*2]	ON/OFF	O	—
Support sensitivity[*2]	Low/Mid/High	O	—
Steering Assist (SA)[*2]	ON/OFF	O	—
Deceleration Assist (DA)[*2]	ON/OFF	O	—
Obstacle Anticipation Assist (OAA)[*2]	ON/OFF	O	—

[*1]: If equipped

[*2]: This setting changes in accordance with My Settings

■ **RSA (Road Sign Assist)**[*1] (→P.272)

Function	Customized setting	A	B
Road Sign Assist[*2, 3]	ON/OFF	O	—
Excess speed notification method[*2, 3]	None/Visual/Visual and Audible	O	—
Other notifications method (For vehicles with navigation system)[*2]	None/Visual/Visual and Audible	O	—
Excess speed notification level[*2]	10 km/h (5 mph) / 5 km/h (3 mph) / 2 km/h (1 mph)	O	—
Speed limit change notification[*2]	ON/OFF	O	—

[*1]: If equipped

[*2]: The customized setting varies according to country

[*3]: The system and some functions are enabled each time the power switch is turned to ON in certain countries.

■ **Driver break suggestion (→P.263)**

Function	Customized setting	A	B
Driver break suggestion	ON/OFF	○	—

■ **Driver monitor*1 (→P.244)**

Function	Customized setting	A	B
Warning function*2	ON/OFF	○	—

*1: If equipped

*2: This setting changes in accordance with My Settings

■ **BSM (Blind Spot Monitor)*1 (→P.291)**

Function	Customized setting	A	B
BSM (Blind Spot Monitor)	On/Off	○	—
Outside rear view mirror indicator brightness*2	Dim/Bright	○	—
Alert timing for presence of approaching vehicle (sensitivity)*2	Late/Intermediate/Early	○	—

*1: If equipped

*2: This setting changes in accordance with My Settings

■ **Lexus parking assist-sensor*1 (→P.302)**

Function	Customized setting	A	B
Lexus parking assist-sensor*2	On/Off	○	—
Buzzer volume of Lexus parking assist-sensor when operating*2, 3	Level1 / Level2 / Level3	○	—

*1: If equipped

*2: This setting changes in accordance with My Settings

*3: The sound volume is linked to RCTA.

■ RCTA (Rear Crossing Traffic Alert) function[*1] (→P.307)

Function	Customized setting	A	B
RCTA (Rear Crossing Traffic Alert)	On/Off	○	—
Buzzer volume of RCTA when operating[*2, 3]	Level1 / Level2 / Level3	○	—

[*1]: If equipped

[*2]: This setting changes in accordance with My Settings

[*3]: The sound volume is linked to the Lexus parking assist-sensor.

■ PKSB (Parking Support Brake)[*1] (→P.312)

Function	Customized setting	A	B
PKSB (Parking Support Brake) function[*2]	ON/OFF	○	—

[*1]: If equipped

[*2]: This setting changes in accordance with My Settings

■ Safe Exit Assist[*1] (→P.298)

Function	Customized setting	A	B
Safe Exit Assist	On/Off	○	—
Outside rear view mirrors display[*2]	On/Off	○	—
Detection sensitivity[*2]	Low/Mid/High	○	—

[*1]: If equipped

[*2]: This setting changes in accordance with My Settings

■ Power switch (→P.199)

Function	Customized setting	A	B
ACC customization Enabling/Disabling ACC mode	On/Off	○	○

■ **Rear seat reminder (→P.134)**

Function	Default setting	Customized setting	A	B
Rear seat reminder function*	On	Off	O	—

*: This setting changes in accordance with My Settings

■ **Driving mode select switch (→P.320)**

Function	Default setting	Customized setting	A	B
Powertrain control in Custom mode*	NORMAL	POWER	O	—
		ECO		
Steering control in Custom mode*	NORMAL	SPORT	O	—
Suspension control in Custom mode*	NORMAL	SPORT	O	—
Air conditioning operation in Custom mode*	NORMAL	ECO	O	—

*: If equipped

■ **Automatic air conditioning system (→P.341)**

Function	Default setting	Customized setting	A	B
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

*: This setting changes in accordance with My Settings

■ Seat heater*1/seat ventilators*1 (→P.349)

Function	Default setting	Customized setting	A	B
Driver's seat temperature preference in automatic mode*2	Standard	-2 (cooler) to 2 (warmer)	○	○
Front passenger's seat temperature preference in automatic mode*2	Standard	-2 (cooler) to 2 (warmer)	○	○

*1: If equipped

*2: This setting changes in accordance with My Settings

■ Heated steering wheel*1 (→P.349)

Function	Default setting	Customized setting	A	B
Steering wheel heating preference in automatic mode*2	Standard	-2 (low) to 2 (high)	○	○

*1: If equipped

*2: This setting changes in accordance with My Settings

■ Illumination (→P.352)

Function	Default setting	Customized setting	A	B
Time elapsed before the interior lights turn off*1	15 seconds	Off	○	—
		7.5 seconds		
		30 seconds		
Operation after the power switch is turned off	On	Off	—	○
Operation when you approach the vehicle with the electronic key on your person	On	Off	—	○
Operation when the doors are unlocked	On	Off	—	○
Footwell lights or auxiliary tray lights*2	On	Off	—	○
Outside door handle lights*1, 2	On	Off	—	○

Function	Default setting	Customized setting	A	B
Time elapsed before the outside door handle lights*2 turn off*1	15 seconds	Off	○	—
		7.5 seconds		
		30 seconds		
Operation of the outside door handle lights*2 when you approach the vehicle with the electronic key on your person	On	Off	—	○
Operation of the outside door handle lights*2 when the doors are unlocked	On	Off	—	○
Operation of the outside door handle lights*2 when a door is opened	On	Off	—	○
Fading out of the outside door handle lights*2 when they turn off	Long	Short	—	○
Brightness control*1	1	9 to 1	○	—
		Off		

*1: This setting changes in accordance with My Settings

*2: 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.

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
Tire pressure warning system	• When the specified tire inflation pressure has changed, such as due to carried load, etc. • When the tire inflation pressure is changed such as when the tire size is changed.	P.404
Oil maintenance	• After the maintenance is performed	P.391
Power back door*	• After reconnecting or changing the 12-volt battery • After changing a fuse	P.147
Power window	• When functioning abnormally	P.167
Moon roof*		P.171

*: 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.472)
- 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.472)



The doors cannot be locked or unlocked

- Is the electronic key battery weak or depleted? (→P.417)
- Vehicles with entry function:
  Is the power switch in ON?
  When locking the doors, turn the power switch off. (→P.199)
- 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.153)



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.135)

If you think something is wrong



The hybrid system does not start

- Did you press the power switch while firmly depressing the brake pedal? (→P.196)
- Is the shift position in P? (→P.202)
- Is the electronic key anywhere detectable inside the vehicle? (→P.152)
- Vehicles with steering lock system:
  Is the steering wheel unlocked? (→P.197)
- Is the electronic key battery weak or

depleted?
In this case, the hybrid system can be started in a temporary way. (→P.471)

- Is the 12-volt battery discharged? (→P.475)



The steering wheel cannot be turned after the hybrid system is stopped

- Vehicles with steering lock system: It is locked automatically to prevent theft of the vehicle. (→P.197)



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.169)



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 hybrid system is not operating) for a period of time. (→P.200)



A warning buzzer sounds during driving

- The seat belt reminder light is flashing
  Are the driver and the passengers wearing the seat belts? (→P.438)
- The parking brake indicator is on
  Is the parking brake released? (→P.210)

Depending on the situation, other types of warning buzzer may also sound. (→P.434, 443)



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.84)

To stop the alarm, turn the power switch to ON or start the hybrid 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.443)



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.434, 443.

When a problem has occurred



If you have a flat tire

- Vehicles with emergency tire puncture repair kit:
  Stop the vehicle in a safe place and repair the flat tire temporarily with the emergency tire puncture repair kit. (→P.450)
- Vehicles with spare tire:
  Stop the vehicle in a safe place and replace the flat tire with the spare tire. (→P.462)
- Vehicles with run-flat tires:
  Slow down the vehicle, drive with extra caution, and take your vehicle to the nearest authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer, or authorized tire dealer as soon as possible to have the tire replaced. (→P.469)



The vehicle becomes stuck

- Try the procedure for when the vehicle becomes stuck in mud, dirt, or snow. (→P.484)

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- Lexus parking assist monitor
- Panoramic view monitor

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00

Transmitter: Model: TMLF19D-5
Operation frequency: 134.2kHz
Maximum output power (ERP): 0.41mW
Manufacturer: TOYOTA MOTOR CORPORATION
Address:1, Toyota-Cho, Toyota, Aichi, 471-8572, Japan

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Hereby, TOYOTA MOTOR 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 81
TOYOTA MOTOR 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 81
Hierbij verklaar ik, TOYOTA MOTOR 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 81
Le soussigné, TOYOTA MOTOR 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 81
Härmed försäkrar TOYOTA MOTOR 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 81
Hermed erklærer TOYOTA MOTOR 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 81

Hiermit erklärt TOYOTA MOTOR 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 81
Με την παρούσα ο/η TOYOTA MOTOR 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 81
Il fabbricante, TOYOTA MOTOR 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 81
Por la presente, TOYOTA MOTOR 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 81
O(a) abaixo assinado(a) TOYOTA MOTOR 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 81
B'dan, TOYOTA MOTOR 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 81

Käesolevaga deklareerib TOYOTA MOTOR 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 81
TOYOTA MOTOR 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 81
TOYOTA MOTOR 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 81
Tímto TOYOTA MOTOR 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 81
TOYOTA MOTOR 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 81
Aš, TOYOTA MOTOR 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 81

Ar šo TOYOTA MOTOR 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 81
TOYOTA MOTOR 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 81
Hér með lýsir TOYOTA MOTOR 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 81
TOYOTA MOTOR 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 81
С настоящото TOYOTA MOTOR 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 81
Prin prezenta, TOYOTA MOTOR 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 81

TOYOTA MOTOR 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 81
Овиме, TOYOTA MOTOR 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 81
Amb aquest document, TOYOTA MOTOR 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 81
İşbu belge; TOYOTA MOTOR 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 81
Me anë të kësaj deklaratë, subjekti TOYOTA MOTOR CORPORATION deklaron se pajisjet radio është në përputhje me këtë rregull teknik për pajisjet radio dhe fundore të komunikimeve elektronike. Teksti i plotë i Deklaratës së Konformitetit është i disponueshëm në adresën e mëposhtme të internetit: https://www.denso.com/global/en/contact-us/doc/	29 811
Prin prezenta, TOYOTA MOTOR CORPORATION declară că tipul de echipamente radio este în conformitate cu Reglementarea tehnică „Punerea la dispoziție pe piață a echipamentelor radio". Textul integral al declarației de conformitate este disponibil la următoarea adresă de Internet: https://www.denso.com/global/en/contact-us/doc/	31 81

▶ For vehicles sold in United Kingdom

UK

Transmitter: Model: TMLF19D-5
Operation frequency: 134.2kHz
Maximum output power (ERP): 0.41mW
Manufacturer: TOYOTA MOTOR CORPORATION
Address:1, Toyota-Cho, Toyota, Aichi, 471-8572, Japan

Hereby, TOYOTA MOTOR 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/

Hereby, TOYOTA MOTOR CORPORATION declares that the radio equipment type is in compliance with the relevant statutory requirements.
The full text of the UK declaration of conformity is available at the following internet address:
https://www.denso.com/global/en/contact-us/doc/

UK
CA

95

▶ For vehicles sold in Ukraine

UA

передавач: модель: TMLF19D-5
смугу радіочастот: 134.2 кГц
максимальну потужність
випромінювання (ERP): 0.41мВт
виробник: TOYOTA MOTOR CORPORATION
адреса: 1, Toyota-Cho, Toyota, Aichi, 471-8572, Japan

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UA

справжнім TOYOTA MOTOR CORPORATION заявляє, що тип радіообладнання відповідає Технічному регламенту радіообладнання;
повний текст декларації про відповідність доступний на веб-сайті за такою адресою:
https://www.denso.com/global/en/contact-us/doc/



95

▶ For vehicles sold in Israel

IL

טויוטה מוטור אירופה נו\סא, שדרות דו בורגט 60-1140 בריסל,
בלגיה www.toyota-europe.com

מוצר	:	מתנד חכם LF
סימן רשום	:	TOYOTA
ארץ ייצור	:	ראה מוצר
דגם	:	TMLF19D-5
שנת ייצור	:	ראה מוצר

חל איסור לבצע פעולות במכשיר שיש בהן כדי לשנות את תכונותיו האלחוטיות של המכשיר, ובכלל זה שינויי תוכנה, החלפת אנטנה מקורית או הוספת אפשרות לחיבור לאנטנה חיצונית, בלא קבלת אישור משרד התקשורת, בשל החשש להפרעות אלחוטיות.

95

eCall

Manufacturer : Continental Automotive Singapore Pte Ltd
Address : 80 Boon Keng Road, Continental Building Singapore 339780
Model : MCEU 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

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.

UK CA

Hereby, Continental Automotive Singapore Pte Ltd declares that the radio equipment type [MCEU CBOX/MCEU NCBOX] is in compliance with <Directive 2014/53/EU / RER 2017 (SI 2017/1206)>.
The full text of the <EU/UK> declaration of conformity is available at the following internet address:
https://www.continental-homologation.com/

שם המוצר וייעודו המסחרי: יחידת תקשורת לרכב
שם היצרן וכתובתו: קונטיננטל אוטומוטיב רפובליקת צ'כיה
סימן מסחרי רשום: Continental
שם דגם: MCEU CBOX
ארץ ייצור: צ'כיה
שנת ייצור: 2021

Digital Key system

Declaration of Conformity

TYPE; 210
Manufacturer name; AISIN CORPORATION
Adress; 2-1, Asahi-machi, Kariya-shi, Aichi 448-8650, Japan
Operational Frequency band; 2.402-2.480 GHz

[EN] English	Hereby, AISIN CORPORATION declares that the radio equipment type [210] 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://aisin.com/en/doc/]
[BG] Bulgarian	С настоящото AISIN CORPORATION декларира, че този тип радиосъоръжение [210] е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: [https://aisin.com/en/doc/]
[CS] Czech	Tímto AISIN CORPORATION prohlašuje, že typ rádiového zařízení [210] je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: [https://aisin.com/en/doc/]
[DA] Danish	Hermed erklærer AISIN CORPORATION, at radioudstyrstypen [210] er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: [https://aisin.com/en/doc/]
[DE] German	Hiermit erklärt AISIN CORPORATION, dass der Funkanlagentyp [210] der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: [https://aisin.com/en/doc/]
[ET] Estonian	Käesolevaga deklareerib AISIN CORPORATION, et käesolev raadioseadme tüüp [210] vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: [https://aisin.com/en/doc/]
[EL] Greek	Με την παρούσα ο/η AISIN CORPORATION, δηλώνει ότι ο ραδιοεξοπλισμός [210] πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: [https://aisin.com/en/doc/]
[ES] Spanish	Por la presente, AISIN CORPORATION declara que el tipo de equipo radioeléctrico [210] 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://aisin.com/en/doc/]
[FR] French	Le soussigné, AISIN CORPORATION, déclare que l'équipement radioélectrique du type [210] 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://aisin.com/en/doc/]
[IT] Italian	Il fabbricante, AISIN CORPORATION, dichiara che il tipo di apparecchiatura radio [210] è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: [https://aisin.com/en/doc/]
[LV] Latvian	Ar šo AISIN CORPORATION deklarē, ka radioiekārta [210] atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: [https://aisin.com/en/doc/]

[LT] Lithuanian	Aš, AISIN CORPORATION, patvirtinu, kad radijo įrenginių tipas [210] atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: [https://aisin.com/en/doc/]
[HR] Croatian	AISIN CORPORATION ovime izjavljuje da je radijska oprema tipa [210] u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: [https://aisin.com/en/doc/]
[HU] Hungarian	AISIN CORPORATION igazolja, hogy a [210] típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: [https://aisin.com/en/doc/]
[MT] Maltese	B'dan, AISIN CORPORATION, niddikjara li dan it-tip ta' tagħmir tar-radju [210] 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://aisin.com/en/doc/]
[NL] Dutch	Hierbij verklaar ik, AISIN CORPORATION, dat het type radioapparatuur [210] conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: [https://aisin.com/en/doc/]
[PL] Polish	AISIN CORPORATION niniejszym oświadcza, że typ urządzenia radiowego [210] jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: [https://aisin.com/en/doc/]
[PT] Portuguese	O(a) abaixo assinado(a) AISIN CORPORATION declara que o presente tipo de equipamento de rádio [210] está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: [https://aisin.com/en/doc/]
[RO] Romanian	Prin prezenta, AISIN CORPORATION declară că tipul de echipamente radio [210] este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: [https://aisin.com/en/doc/]
[SK] Slovak	AISIN CORPORATION týmto vyhlasuje, že rádiové zariadenie typu [210] je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: [https://aisin.com/en/doc/]
[SL] Slovenian	AISIN CORPORATION potrjuje, da je tip radijske opreme [210] skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: [https://aisin.com/en/doc/]
[FI] Finnish	AISIN CORPORATION vakuuttaa, että radiolaitetyyppi [210] on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: [https://aisin.com/en/doc/]
[SV] Swedish	Härmed försäkrar AISIN CORPORATION att denna typ av radioutrustning [210] överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: [https://aisin.com/en/doc/]

▶ For vehicles sold in Serbia



И005 23

EU

Model: 17EAD
Operation frequency: 2400 to 2483.5 MHz
Maximum output power: 3.2 mW or less

Model: 17SAA
Operation frequency: 2400 to 2483.5 MHz

Manufacturer: DENSO CORPORATION
Address: 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661
Japan

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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/

Me anë të kësaj deklaratë, subjekti DENSO CORPORATION deklaron se pajisjet radio është në përputhje me këtë rregull teknik për pajisjet radio dhe fundore të komunikimeve elektronike. Teksti i plotë i Deklaratës së Konformitetit është i disponueshëm në adresën e mëposhtme të internetit: https://www.denso.com/global/en/contact-us/doc/
Prin prezenta, DENSO CORPORATION declară că tipul de echipamente radio este în conformitate cu Reglementarea tehnică „Punerea la dispoziție pe piață a echipamentelor radio”. Textul integral al declarației de conformitate este disponibil la următoarea adresă de Internet: https://www.denso.com/global/en/contact-us/doc/

▶ For vehicles sold in United Kingdom

GB

Model: 17EAD
Operation frequency: 2400 to 2483.5 MHz
Maximum output power: 3.2 mW or less

Model: 17SAA
Operation frequency: 2400 to 2483.5 MHz

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/

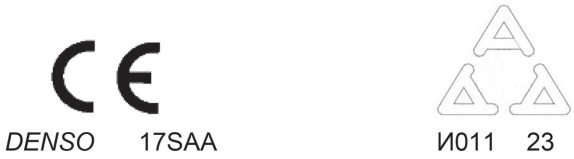
Hereby, DENSO CORPORATION declares that the radio equipment type is in compliance with the relevant statutory requirements.
The full text of the UK declaration of conformity is available at the following internet address:
https://www.denso.com/global/en/contact-us/doc/

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▶ For vehicles sold in Serbia

JP





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Smart entry & start system

Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type B3S2P2U 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／6.0 - 8.5 GHz Maximum radio-frequency power: 10mW(ERP)／peak 0dBm/50MHz(EIRP)
TOKAI RIKA CO., LTD. vakuuttaa, että radiolaitetyyppi B3S2P2U 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／6.0 - 8.5 GHz suurin mahdollinen lähetysteho: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)
Hierbij verklaar ik, TOKAI RIKA CO., LTD., dat het type radioapparatuur B3S2P2U 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／6.0 - 8.5 GHz Maximaal radiofrequentievermogen: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)

Le soussigné, TOKAI RIKA CO., LTD., déclare que l'équipement radioélectrique du type B3S2P2U 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／6.0 - 8.5 GHz Puissance de radiofréquence maximale: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)
Härmed försäkrar TOKAI RIKA CO., LTD. att denna typ av radioutrustning B3S2P2U 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／6.0 - 8.5 GHz Maximal radiofrekvenseffekt: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)
Hermed erklærer TOKAI RIKA CO., LTD., at radioudstyrstypen B3S2P2U 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／6.0 - 8.5 GHz Maksimal radiofrekvenseffekt: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)

Hiermit erklärt TOKAI RIKA CO., LTD., dass der Funkanlagentyp B3S2P2U 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／6.0 - 8.5 GHz Abgestrahlte maximale Sendeleistung: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)
Με την παρούσα ο/η TOKAI RIKA CO., LTD., δηλώνει ότι ο ραδιοεξοπλισμός B3S2P2U 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／6.0 - 8.5 GHz Μέγιστη ισχύς ραδιοσυχνότητας: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)
Il fabbricante, TOKAI RIKA CO., LTD., dichiara che il tipo di apparecchiatura radio B3S2P2U 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／6.0 - 8.5 GHz Potenza massima radiofrequenza: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)

Por la presente, TOKAI RIKA CO., LTD. declara que el tipo de equipo radioeléctrico B3S2P2U 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／6.0 - 8.5 GHz Potencia máxima de radiofrecuencia: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)
O(a) abaixo assinado(a) TOKAI RIKA CO., LTD. declara que o presente tipo de equipamento de rádio B3S2P2U 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／6.0 - 8.5 GHz Potência máxima de radiofrequências: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)
B'dan, TOKAI RIKA CO., LTD., niddikjara li dan it-tip ta' tagħmir tar-radju B3S2P2U 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／6.0 - 8.5 GHz Hámarks útvarpsbylgjutíðni: 10mW(ERP)／peak 0dBm/50MHz(EIRP)

Käesolevaga deklareerib TOKAI RIKA CO., LTD., et käesolev raadioseadme tüüp B3S2P2U 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／6.0 - 8.5 GHz Maksimaalne saatevõimsus: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)
TOKAI RIKA CO., LTD. igazolja, hogy a B3S2P2U 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／6.0 - 8.5 GHz Maximális jelerősség: 10mW(ERP)／peak 0dBm/50MHz(EIRP)
TOKAI RIKA CO., LTD. týmto vyhlasuje, že rádiové zariadenie typu B3S2P2U 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／6.0 - 8.5 GHz Maximálny rádiofrekvenčný výkon: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)

Tímto TOKAI RIKA CO., LTD. prohlašuje, že typ rádiového zařízení B3S2P2U 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／6.0 - 8.5 GHz Maximální radiofrekvenční výkon: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)
TOKAI RIKA CO., LTD. potrjuje, da je tip radijske opreme B3S2P2U 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／6.0 - 8.5 GHz Največja moč radijske frekvence: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)
Aš, TOKAI RIKA CO., LTD., patvirtinu, kad radijo įrenginių tipas B3S2P2U 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／6.0 - 8.5 GHz Didžiausia radijo dažnių galia: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)

Ar šo TOKAI RIKA CO., LTD. deklarē, ka radioiekārta B3S2P2U 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／6.0 - 8.5 GHz Maksimālā radiofrekvenču jauda: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)
TOKAI RIKA CO., LTD. niniejszym oświadcza, że typ urządzenia radiowego B3S2P2U 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／6.0 - 8.5 GHz Maksymalna moc częstotliwości radiowej: 10mW(ERP)／peak 0dBm/50MHz(EIRP)
TOKAI RIKA CO., LTD. lýsir því hér með yfir að fjarskiptatækið af gerð B3S2P2U 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／6.0 - 8.5 GHz Hámarks útvarpsbylgjutíðni: 10mW(ERP)／peak 0dBm/50MHz(EIRP)

TOKAI RIKA CO., LTD. erklærer herved at radioutstyrtypen B3S2P2U 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／6.0 - 8.5 GHz
Maksimal radiofrekvenseffekt: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)

С настоящото TOKAI RIKA CO., LTD. декларира, че този тип радиосъоръжение B3S2P2U 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／6.0 - 8.5 GHz
Максимална радиочестотна мощност: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)

Prin prezenta, TOKAI RIKA CO., LTD. declară că tipul de echipamente radio B3S2P2U 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／6.0 - 8.5 GHz
Puterea maximă de radiofrecvență: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)

Ovime TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa B3S2P2U 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／6.0 - 8.5 GHz Maksimalna radio-frekvencijska snaga: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)
Me anë të këtij dokumenti, TOKAI RIKA CO., LTD. deklaron se tipi i radiopajisjes B3S2P2U 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／6.0 - 8.5 GHz Fuqia maksimale e radiofrekuencës: 10mW(ERP)／peak 0dBm/50MHz(EIRP)
TOKAI RIKA CO., LTD. ovime izjavljuje da je radijska oprema tipa B3S2P2U 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／6.0 - 8.5 GHz Maksimalna RF snaga: 10mW(ERP)／peak 0dBm/50MHz(EIRP)

Ovim TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa B3S2P2U 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／6.0 - 8.5 GHz
Maksimalna radio-frekventna snaga: 10mW(ERP)／peak 0dBm/50MHz(EIRP)

TOKAI RIKA CO., LTD., işbu belgeyle telsiz cihazı türünün B3S2P2U 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／6.0 - 8.5 GHz
Maksimum radyo frekans gücü: 10mW(ERP)／peak 0dBm/50MHz(EIRP)

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.

▶ For vehicles sold in United Kingdom

Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type B3S2P2U is in compliance with Radio Equipment Regulations 2017.

The full text of the UK declaration of conformity is available at the following internet address:
http://www.tokai-rika.co.jp/pc

Frequency band: 433.050 - 434.790 MHz／6.0 - 8.5 GHz
Maximum radio-frequency power: 10mW(ERP) ／ peak 0dBm/50MHz(EIRP)

UK CA

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.

▶ For vehicles sold in Serbia



Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type TRUM21A1 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: 6.0GHz-8.5GHz
Maximum radio-frequency power: peak 0dBm/50MHz (EIRP)

TOKAI RIKA CO., LTD. vakuuttaa, että radiolaitetyyppi TRUM21A1 on direktiivin 2014/53/EU mukainen.

EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:
http://www.tokai-rika.co.jp/pc

Radiotaajuus: 6.0GHz-8.5GHz
suurin mahdollinen lähetysteho: peak 0dBm/50MHz (EIRP)

Hierbij verklaar ik, TOKAI RIKA CO., LTD., dat het type radioapparatuur TRUM21A1 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: 6.0GHz-8.5GHz
Maximaal radiofrequentievermogen: peak 0dBm/50MHz (EIRP)

Le soussigné, TOKAI RIKA CO., LTD., déclare que l'équipement radioélectrique du type TRUM21A1 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: 6.0GHz-8.5GHz
Puissance de radiofréquence maximale: peak 0dBm/50MHz (EIRP)

Härmed försäkrar TOKAI RIKA CO., LTD. att denna typ av radioutrustning TRUM21A1 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: 6.0GHz-8.5GHz
Maximal radiofrekvenseffekt: peak 0dBm/50MHz (EIRP)

Hermed erklærer TOKAI RIKA CO., LTD., at radioudstyrstypen TRUM21A1 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: 6.0GHz-8.5GHz
Maksimal radiofrekvenseffekt: peak 0dBm/50MHz (EIRP)

Hiermit erklärt TOKAI RIKA CO., LTD., dass der Funkanlagentyp TRUM21A1 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: 6.0GHz-8.5GHz
Abgestrahlte maximale Sendeleistung: peak 0dBm/50MHz (EIRP)

Με την παρούσα ο/η TOKAI RIKA CO., LTD., δηλώνει ότι ο ραδιοεξοπλισμός TRUM21A1 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: 6.0GHz-8.5GHz
Μέγιστη ισχύς ραδιοσυχνότητας: peak 0dBm/50MHz (EIRP)

Il fabbricante, TOKAI RIKA CO., LTD., dichiara che il tipo di apparecchiatura radio TRUM21A1 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: 6.0GHz-8.5GHz
Potenza massima radiofrequenza: peak 0dBm/50MHz (EIRP)

Por la presente, TOKAI RIKA CO., LTD. declara que el tipo de equipo radioeléctrico TRUM21A1 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: 6.0GHz-8.5GHz Potencia máxima de radiofrecuencia: peak 0dBm/50MHz (EIRP)
O(a) abaixo assinado(a) TOKAI RIKA CO., LTD. declara que o presente tipo de equipamento de rádio TRUM21A1 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: 6.0GHz-8.5GHz Potência máxima de radiofrequências: peak 0dBm/50MHz (EIRP)
B'dan, TOKAI RIKA CO., LTD., niddikjara li dan it-tip ta' tagħmir tar-radju TRUM21A1 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: 6.0GHz-8.5GHz Hámarks útvarpsbylgjutíðni: peak 0dBm/50MHz (EIRP)

Käesolevaga deklareerib TOKAI RIKA CO., LTD., et käesolev raadioseadme tüüp TRUM21A1 vastab direktiivi 2014/53/EL nõuetele.

ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:
http://www.tokai-rika.co.jp/pc

Sagedusriba: 6.0GHz-8.5GHz
Maksimaalne saatevõimsus: peak 0dBm/50MHz (EIRP)

TOKAI RIKA CO., LTD. igazolja, hogy a TRUM21A1 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: 6.0GHz-8.5GHz
Maximális jelerősség: peak 0dBm/50MHz (EIRP)

TOKAI RIKA CO., LTD. týmto vyhlasuje, že rádiové zariadenie typu TRUM21A1 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: 6.0GHz-8.5GHz
Maximálny rádiofrekvenčný výkon: peak 0dBm/50MHz (EIRP)

Tímto TOKAI RIKA CO., LTD. prohlašuje, že typ rádiového zařízení TRUM21A1 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: 6.0GHz-8.5GHz
Maximální radiofrekvenční výkon: peak 0dBm/50MHz (EIRP)

TOKAI RIKA CO., LTD. potrjuje, da je tip radijske opreme TRUM21A1 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: 6.0GHz-8.5GHz
Največja moč radijske frekvence: peak 0dBm/50MHz (EIRP)

Aš, TOKAI RIKA CO., LTD., patvirtinu, kad radijo įrenginių tipas TRUM21A1 atitinka Direktyvą 2014/53/ES.

Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:
http://www.tokai-rika.co.jp/pc

Dažnių juosta: 6.0GHz-8.5GHz
Didžiausia radijo dažnių galia: peak 0dBm/50MHz (EIRP)

Ar šo TOKAI RIKA CO., LTD. deklarē, ka radioiekārta TRUM21A1 atbilst Direktīvai 2014/53/ES.

Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:
http://www.tokai-rika.co.jp/pc

Frekvenču josla: 6.0GHz-8.5GHz
Maksimālā radiofrekvenču jauda: peak 0dBm/50MHz (EIRP)

TOKAI RIKA CO., LTD. niniejszym oświadcza, że typ urządzenia radiowego TRUM21A1 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: 6.0GHz-8.5GHz
Maksymalna moc częstotliwości radiowej: peak 0dBm/50MHz (EIRP)

TOKAI RIKA CO., LTD. lýsir því hér með yfir að fjarskiptatækið af gerð TRUM21A1 er í samræmi við tilskipun 2014/53/EU.

Öll ESB-samræmisyfirlýsingin er tiltæk á eftirfarandi vefslóð:
http://www.tokai-rika.co.jp/pc

Tíðnisvið: 6.0GHz-8.5GHz
Hámarks útvarpsbylgjutíðni: peak 0dBm/50MHz (EIRP)

TOKAI RIKA CO., LTD. erklærer herved at radioutstyrtypen TRUM21A1 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: 6.0GHz-8.5GHz
Maksimal radiofrekvenseffekt: peak 0dBm/50MHz (EIRP)

С настоящото TOKAI RIKA CO., LTD. декларира, че този тип радиосъоръжение TRUM21A1 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: 6.0GHz-8.5GHz
Максимална радиочестотна мощност: peak 0dBm/50MHz (EIRP)

Prin prezenta, TOKAI RIKA CO., LTD. declară că tipul de echipamente radio TRUM21A1 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: 6.0GHz-8.5GHz
Puterea maximă de radiofrecvență: peak 0dBm/50MHz (EIRP)

Ovime TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa TRUM21A1 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: 6.0GHz-8.5GHz
Maksimalna radio-frekvencijska snaga: peak 0dBm/50MHz (EIRP)

Me anë të këtij dokumenti, TOKAI RIKA CO., LTD. deklaron se tipi i radiopajisjes TRUM21A1 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: 6.0GHz-8.5GHz
Fuqia maksimale e radiofrekuencës: peak 0dBm/50MHz (EIRP)

TOKAI RIKA CO., LTD. ovime izjavljuje da je radijska oprema tipa TRUM21A1 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: 6.0GHz-8.5GHz
Maksimalna RF snaga: peak 0dBm/50MHz (EIRP)

Ovim TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa TRUM21A1 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: 6.0GHz-8.5GHz
Maksimalna radio-frekventna snaga: peak 0dBm/50MHz (EIRP)

TOKAI RIKA CO., LTD., işbu belgeyle telsiz cihazı türünün TRUM21A1 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: 6.0GHz-8.5GHz
Maksimum radyo frekans gücü: peak 0dBm/50MHz (EIRP)

CE

Address: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

▶ For vehicles sold in United Kingdom

Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type TRUM21A1 is in compliance with Radio Equipment Regulations 2017.

The full text of the UK declaration of conformity is available at the following internet address:
http://www.tokai-rika.co.jp/pc

Frequency band: 6.0GHz-8.5GHz
Maximum radio-frequency power: peak 0dBm/50MHz (EIRP)

UK
CA

Address: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type BJ2KV 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

TOKAI RIKA CO., LTD. vakuuttaa, että radiolaitetyyppi BJ2KV on direktiivin 2014/53/EU mukainen.

EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:
http://www.tokai-rika.co.jp/pc

Hierbij verklaar ik, TOKAI RIKA CO., LTD., dat het type radioapparatuur BJ2KV 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

Le soussigné, TOKAI RIKA CO., LTD., déclare que l'équipement radioélectrique du type BJ2KV 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

Härmed försäkrar TOKAI RIKA CO., LTD. att denna typ av radioutrustning BJ2KV 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

Hermed erklærer TOKAI RIKA CO., LTD., at radioudstyrstypen BJ2KV er i overensstemmelse med direktiv 2014/53/EU.

EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:
http://www.tokai-rika.co.jp/pc

Hiermit erklärt TOKAI RIKA CO., LTD., dass der Funkanlagentyp BJ2KV 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

Με την παρούσα ο/η TOKAI RIKA CO., LTD., δηλώνει ότι ο ραδιοεξοπλισμός BJ2KV 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

Il fabbricante, TOKAI RIKA CO., LTD., dichiara che il tipo di apparecchiatura radio BJ2KV 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

Por la presente, TOKAI RIKA CO., LTD. declara que el tipo de equipo radioeléctrico BJ2KV 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

O(a) abaixo assinado(a) TOKAI RIKA CO., LTD. declara que o presente tipo de equipamento de rádio BJ2KV 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

B'dan, TOKAI RIKA CO., LTD., niddikjara li dan it-tip ta' tagħmir tar-radju BJ2KV 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

Käesolevaga deklareerib TOKAI RIKA CO., LTD., et käesolev raadioseadme tüüp BJ2KV vastab direktiivi 2014/53/EL nõuetele.

ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:
http://www.tokai-rika.co.jp/pc

TOKAI RIKA CO., LTD. igazolja, hogy a BJ2KV 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

TOKAI RIKA CO., LTD. týmto vyhlasuje, že rádiové zariadenie typu BJ2KV 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

Tímto TOKAI RIKA CO., LTD. prohlašuje, že typ rádiového zařízení BJ2KV 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

TOKAI RIKA CO., LTD. potrjuje, da je tip radijske opreme BJ2KV 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

Aš, TOKAI RIKA CO., LTD., patvirtinu, kad radijo įrenginių tipas BJ2KV atitinka Direktyvą 2014/53/ES.

Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:
http://www.tokai-rika.co.jp/pc

Ar šo TOKAI RIKA CO., LTD. deklarē, ka radioiekārta BJ2KV atbilst Direktīvai 2014/53/ES.

Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:
http://www.tokai-rika.co.jp/pc

TOKAI RIKA CO., LTD. niniejszym oświadcza, że typ urządzenia radiowego BJ2KV 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

TOKAI RIKA CO., LTD. lýsir því hér með yfir að fjarskiptatækið af gerð BJ2KV er í samræmi við tilskipun 2014/53/EU.

Öll ESB-samræmisyfirlýsingin er tiltæk á eftirfarandi vefslóð:
http://www.tokai-rika.co.jp/pc

TOKAI RIKA CO., LTD. erklærer herved at radioutstyrtypen BJ2KV 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

С настоящото TOKAI RIKA CO., LTD. декларира, че този тип радиосъоръжение BJ2KV 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

Prin prezenta, TOKAI RIKA CO., LTD. declară că tipul de echipamente radio BJ2KV 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

Ovime TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa BJ2KV 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

Me anë të këtij dokumenti, TOKAI RIKA CO., LTD. deklaron se tipi i radiopajisjes BJ2KV 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

TOKAI RIKA CO., LTD. ovime izjavljuje da je radijska oprema tipa BJ2KV 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

Ovim TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa BJ2KV 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

TOKAI RIKA CO., LTD., işbu belgeyle telsiz cihazı türünün BJ2KV 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

CE

Address: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

Receiver Category (EN300 220): 2

▶ For vehicles sold in United Kingdom

Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type BJ2KV is in compliance with Radio Equipment Regulations 2017.

The full text of the UK declaration of conformity is available at the following internet address:
http://www.tokai-rika.co.jp/pc

Receiver Category (EN300 220): 2

UK CA

Address: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

▶ For vehicles sold in Ukraine

Справжнім TOKAI RIKA CO., LTD. заявляє, що тип радіообладнання BJ2KV відповідає Технічному регламенту радіообладнання;
КАБІНЕТ МІНІСТРІВ УКРАЇНИ ПОСТАНОВА №.355

Повний текст декларації про відповідність доступний на веб-сайті за такою адресою:
http://www.tokai-rika.co.jp/pc

Категорія приймача: 2

Адреса: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

▶ For vehicles sold in Ukraine

Справжнім TOKAI RIKA CO., LTD. заявляє, що тип радіообладнання B3T2K2R відповідає Технічному регламенту радіообладнання;
КАБІНЕТ МІНІСТРІВ УКРАЇНИ ПОСТАНОВА №.355

Повний текст декларації про відповідність доступний на веб-сайті за такою адресою:
http://www.tokai-rika.co.jp/pc

Діапазон частот : 433.050 - 434.790 MHz
Максимальна потужність радіочастотного випромінювання : 10 mW(ERP)



Адреса: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

 **Ця позначка являє собою позначку про необхідність дотримання правил безпеки/застереження.**

・Не допускайте проковтування батарейки.

Небезпека хімічного опіку

・Цей виріб містить батарейку монетного / таблеткового типу.
・Проковтування батарейки монетного / таблеткового типу може спричинити тяжкі внутрішні опіки всього лише за 2 години і може призвести до смерті.
・Зберігайте нові та використані батарейки подалі від дітей.
・Якщо кришка батарейного відсіку надійно не закривається, припиніть користуватися виробом і зберігайте його подалі від дітей.
・Якщо існує ймовірність проковтування батарейки або її розміщення всередині будь-якої частини тіла, негайно зверніться за медичною допомогою.

ОБЕРЕЖНО

・Ризик вибуху в разі заміни на батарейку неналежного типу.
・Замінюйте батарейку на батарейку такого ж самого типу.

ОБЕРЕЖНО

・Ризик вибуху або витоку горючої рідини або газу.

・Не використовуйте /не зберігайте /не розміщуйте в умовах надзвичайно високої температури або надзвичайно низького тиску через дуже велику висоту над рівнем моря.
・Не намагайтеся спалити, розбити або розрізати використану батарейку.

Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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 B3T2K2R 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.

▶ For vehicles sold in Israel

מספר זיהוי 「511487761」

היבואן

חל איסור לבצע פעולות במכשיר שיש בהן כדי לשנות את תכונותיו האלחוטיות של המכשיר ,ובכלל זה שינויי תוכנה ,החלפת אנטנה מקורית או הוספת אפשרות לחיבור לאנטנה חיצונית ,בלא קבלת אישור משרד התקשורת ,בשל החשש להפרעות אלחוטיות

EU

Transmitter:	Model: 14CCP		
	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

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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/

Me anë të kësaj deklaratë, subjekti DENSO CORPORATION deklaron se pajisjet radio është në përputhje me këtë rregull teknik për pajisjet radio dhe fundore të komunikimeve elektronike. Teksti i plotë i Deklaratës së Konformitetit është i disponueshëm në adresën e mëposhtme të internetit: https://www.denso.com/global/en/contact-us/doc/
Prin prezenta, DENSO CORPORATION declară că tipul de echipamente radio este în conformitate cu Reglementarea tehnică „Punerea la dispoziție pe piață a echipamentelor radio”. Textul integral al declarației de conformitate este disponibil la următoarea adresă de Internet: 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 ħżiena '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 megsemmisítése 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.

▶ For vehicles sold in Ukraine

UA

передавач:	модель :	14CCP	
	смугу радіочастот:	433.58/434.42	МГц
	максимальну потужність випромінювання (ERP):	0.01	мВт

виробник : DENSO CORPORATION
адреса : 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661, Japan

справжнім DENSO CORPORATION заявляє, що тип радіообладнання відповідає Технічному регламенту радіообладнання;
повний текст декларації про відповідність доступний на веб-сайті за такою адресою:
https://www.denso.com/global/en/contact-us/doc/



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▶ For vehicles sold in Israel

IL

טויוטה מוטור אירופה נו\סא, שדרות דו בורגט 60-1140 בריסל,
בלגיה www.toyota-europe.com

חל איסור לבצע פעולות במכשיר שיש בהן כדי לשנות את תכונותיו האלחוטיות של המכשיר, ובכלל זה שינויי תוכנה, החלפת אנטנה מקורית או הוספת אפשרות לחיבור לאנטנה חיצונית, בלא קבלת אישור משרד התקשורת, בשל החשש להפרעות אלחוטיות.

סימן רשום	DENSO:
שנת ייצור	ראה מוצר:
מוצר :כרטים חכם	
דגם	14CCP :
ארץ ייצור	יפן :

00
IL
05

Millimeter wave radar sensor

Transmitter:	Model: DNMWR011 Operation frequency: 76.5 GHz Maximum output power: 676 mW or less
Manufacturer:	DENSO CORPORATION
Address:	1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661 Japan

D11 EU 01

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/

EU 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/

EU 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/

EU 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/

EU 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/

EU 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/

EU 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/

EU 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/

EU 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/

EU 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/

EU 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/

EU 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/

EU 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/

EU 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/

EU 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/

EU 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/

EU 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/

EU 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/

EU18

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/

EU 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/

EU 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/

EU 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/

EU 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/

EU23

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/

EU 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/

EU 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/

EU 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/

EU 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/

EU 28

▶ For vehicles sold in United Kingdom



Transmitter:	Model: DNMWR011 Operation frequency: 76.5 GHz Maximum output power: 676 mW or less
Manufacturer:	DENSO CORPORATION
Address:	1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661 Japan

D11 EU 01

Hereby, DENSO CORPORATION declares that the radio equipment type is in compliance with the relevant statutory requirements.
The full text of the UK declaration of conformity is available at the following internet address:
https://www.denso.com/global/en/contact-us/doc/

GB 02

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/

EU 01

▶ For vehicles sold in Ukraine



UA RF: 3DENSFR11

модель: DNMWR011
смуга радіочастот: 76-77 ГГц
максимальна вихідна потужність: 676 мВт або менше
виробник: DENSO CORPORATION
адреса: 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661 Japan
справжнім DENSO CORPORATION заявляє, що тип радіообладнання відповідає Технічному регламенту радіообладнання;
повний текст декларації про відповідність доступний на веб-сайті за такою адресою:
https://www.denso.com/global/en/contact-us/doc/

D11 UA 01

▶ For vehicles sold in Israel

IL:VAT ID 40911612

IL 04

חל איסור לבצע פעולות במכשיר שיש בהן כדי לשנות את תכונותיו האלחוטיות של המכשיר, ובכלל זה שינויי תוכנה, החלפת אנטנה מקורית או הוספת אפשרות לחיבור לאנטנה חיצונית, בלא קבלת אישור משרד התקשורת, בשל החשש להפרעות אלחוטיות.

IL 02

טויוטה מוטור אירופה נו\סא, שדרות דו בורגט 60-1140 בריסל, בלגיה www.toyota-europe.com

IL 03

מוצר : מכ"מ התראה
סימן רשום : DENSO
ארץ ייצור : יפן \ ארה"ב \ סין
דגם : DNMWR011
שנת ייצור : ראה מוצר

D11 IL 04

BSM (Blind Spot Monitor)

Manufacturer Postal Address
ADC Automotive Distance Control Systems GmbH
Peter-Dornier-Strasse 10, 88131 Lindau, Germany

C3-009

ОПРОСТЕНА ЕС ДЕКЛАРАЦИЯ ЗА СЪОТВЕТСТВИЕ
С настоящото ADC Automotive Distance Control Systems GmbH декларира, че този тип радиосъоръжение SRR3-A е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес:http://continental.automotive-approvals.com/

радиочестотната лента или ленти, в която или които работи радиосъоръжението:24.05–24.25 GHz

максималната радиочестотна мощност, излъчвана в радиочестотната лента или ленти, в която или които работи радиосъоръжението.:100mW (20 dBm) Peak EIRP

C3-010

DECLARACIÓN UE DE CONFORMIDAD SIMPLIFICADA
Por la presente, ADC Automotive Distance Control Systems GmbH declara que el tipo de equipo radioeléctrico SRR3-A 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://continental.automotive-approvals.com/

Banda o bandas de frecuencia en las que opera el equipo radioeléctrico:24.05–24.25 GHz

Potencia máxima de radiofrecuencia transmitida en la banda o bandas de frecuencia en las que opera el equipo radioeléctrico:
100mW (20 dBm) Peak EIRP

C3-011

ZJEDNODUŠENÉ EU PROHLÁŠENÍ O SHODĚ
Tímto ADC Automotive Distance Control Systems GmbH prohlašuje, že typ rádio-vého zařízení SRR3-A je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:
http://continental.automotive-approvals.com/

Kmitočtové pásmo (kmitočtová pásma), v němž (v nichž) rádiové zařízení pracuje:24.05–24.25 GHz

Maximální radiofrekvenční výkon vysílaný v kmitočtovém pásmu (v kmitočtových pásmech), v němž (v nichž) je rádiové zařízení provozováno:100mW (20 dBm) Peak EIRP

C3-012

FORENKLET EU-OVERENSSTEMMELSESERKLÆRING
Hermed erklærer ADC Automotive Distance Control Systems GmbH, at ra-dioudstyrstypen SRR3-A er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:
http://continental.automotive-approvals.com/

Frekvensbånd, som radioudstyret fungerer på:24.05–24.25 GHz

Maksimal radiofrekvenseffekt, der udsendes i de frekvensbånd, som radioudstyret fungerer på:100mW (20 dBm) Peak EIRP

C3-013

VEREINFACHTE EU-KONFORMITÄTSERKLÄRUNG
Hiermit erklärt ADC Automotive Distance Control Systems GmbH, dass der Funkanlagentyp SRR3-A der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:
http://continental.automotive-approvals.com/

Das Frequenzband oder die Frequenzbänder, in dem bzw. denen die Funkanlage betrieben wird:24.05–24.25 GHz

Die in dem Frequenzband oder den Frequenzbändern, in dem bzw. denen die Funkanlage betrieben wird, abgestrahlte maximale Sendeleistung:100mW (20 dBm) Peak EIRP

C3-014

LIHTSUSTATUD ELI VASTAVUSDEKLARATSIOON

Käesolevaga deklareerib ADC Automotive Distance Control Systems GmbH, et käesolev raadioseadme tüüp SRR3-A vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:
http://continental.automotive-approvals.com/

Sagedusriba(d), millel raadioseade töötab:24.05–24.25 GHz

Raadioseadme töösagedus(t)el edastatav maksimaalne saatevõimsus:100mW (20 dBm) Peak EIRP

C3-015

ΑΠΛΟΥΣΤΕΥΜΕΝΗ ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ ΕΕ

Με την παρούσα ο/η ADC Automotive Distance Control Systems GmbH, δηλώνει ότι ο ραδιοεξοπλισμός SRR3-A πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:
http://continental.automotive-approvals.com/

Οι ζώνες συχνοτήτων στις οποίες λειτουργεί ο ραδιοεξοπλισμός: 24.05–24.25 GHz

η μέγιστη ραδιοηλεκτρική ισχύς στις ζώνες συχνοτήτων στις οποίες λειτουργεί ο ραδιοεξοπλισμός:100mW (20 dBm) Peak EIRP

C3-016

SIMPLIFIED EU DECLARATION OF CONFORMITY

Hereby, ADC Automotive Distance Control Systems GmbH declares that the radio equipment type SRR3-A 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://continental.automotive-approvals.com/

Frequency band(s) in which the radio equipment operates: 24.05–24.25 GHz

Maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates: 100mW (20 dBm) Peak EIRP

C3-017

DECLARATION UE DE CONFORMITE SIMPLIFIEE

Le soussigné, ADC Automotive Distance Control Systems GmbH, déclare que l'équipement radioélectrique du type SRR3-A 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://continental.automotive-approvals.com/

Bandes de fréquences utilisées par l'équipement radioélectrique: 24.05–24.25 GHz

Puissance de radiofréquence maximale transmise sur les bandes de fréquences utilisées par l'équipement radioélectrique: 100mW (20 dBm) Peak EIRP

C3-018

POJEDNOSTAVLJENA EU IZJAVA O SUKLADNOSTI

ADC Automotive Distance Control Systems GmbH ovime izjavljuje da je radijska oprema tipa SRR3-A u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:: http://continental.automotive-approvals.com/

Frekvencijski pojas (frekvencijski pojasi) u kojem (kojima) radijska oprema radi: 24.05–24.25 GHz

Najveća radiofrekvencijska snaga koja se prenosi u frekvencijskom pojasu (frekvencijskim pojasima) u kojem (kojima) radijska oprema radi: 100mW (20 dBm) Peak EIRP

C3-019

DICHIARAZIONE DI CONFORMITÀ UE SEMPLIFICATA

Il fabbricante, ADC Automotive Distance Control Systems GmbH, dichiara che il tipo di apparecchiatura radio SRR3-A è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: http://continental.automotive-approvals.com/

Bande di frequenza di funzionamento dell'apparecchiatura radio: 24.05–24.25 GHz
Massima potenza a radiofrequenza trasmessa nelle bande di frequenza in cui opera l'apparecchiatura radio: 100mW (20 dBm) Peak EIRP

C3-020

VIENKĀRŠOTA ES ATBILSTĪBAS DEKLARĀCIJA
Ar šo ADC Automotive Distance Control Systems GmbH deklarē, ka radioiekārta SRR3-A atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: http://continental.automotive-approvals.com/

Frekvenču joslu(-as), kurā(-ās) radioiekārtas darbojas: 24.05–24.25 GHz

Frekvenču joslā(-ās), kurā(-ās) darbojas radioiekārtas, maksimālo pārraidītā signāla jaudu.: 100mW (20 dBm) Peak EIRP

C3-021

SUPAPRASTINTA ES ATITIKTIES DEKLARACIJA
Aš, ADC Automotive Distance Control Systems GmbH, patvirtinu, kad radijo įrenginių tipas SRR3-A atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: http://continental.automotive-approvals.com/

Dažnių juosta (-os), kurioje (-iose) veikia radijo įrenginiai: 24.05–24.25 GHz

Didžiausia radijo dažnių galia, perduodama toje (tose) dažnių juostoje (-ose), kurioje (-iose) veikia radijo įrenginiai: 100mW (20 dBm) Peak EIRP

C3-022

EGYSZERŰSÍTETT EU-MEGFELELŐSÉGI NYILATKOZAT
ADC Automotive Distance Control Systems GmbH igazolja, hogy a SRR3-A típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen::
http://continental.automotive-approvals.com/

Az(ok) a frekvenciasáv(ok), amely(ek)en a rádióberendezés működik: 24.05–24.25 GHz

Az abban a frekvenciasávban vagy azokban a frekvenciasávokban továbbított maximális jelerősség, amely(ek)ben a rádióberendezés üzemel: 100mW (20 dBm) Peak EIRP

C3-023

DIKJARAZZJONI SSIMPLIFIKATA TA' KONFORMITÀ TAL-UE
B'dan, ADC Automotive Distance Control Systems GmbH, niddikjara li dan it-tip ta' tagħmir tar-radju SRR3-A 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://continental.automotive-approvals.com/

Il-medda/meded tal-frekwenza li jaħdem fihom it-tagħmir tar-radju:
24.05–24.25 GHz

Il-potenza massima tal-frekwenza tar-radju trażmessa fil-medda/meded tal-frekwenza li jaħdem fihom it-tagħmir tar- radju: 100mW (20 dBm) Peak EIRP

C3-024

VEREENVOUDIGDE EU-CONFORMITEITSVERKLARING
Hierbij verklaar ik, ADC Automotive Distance Control Systems GmbH, dat het type radioapparatuur SRR3-A conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:
http://continental.automotive-approvals.com/

Frequentieband(en) waarin de radioapparatuur functioneert:
24.05–24.25 GHz

Maximaal radiofrequent vermogen uitgezonden in de frequentieband(en) waarin de radioapparatuur functioneert: 100mW (20 dBm) Peak EIRP

C3-025

UPROSZCZONA DEKLARACJA ZGODNOŚCI UE
ADC Automotive Distance Control Systems GmbH niniejszym oświadcza, że typ urządzenia radiowego SRR3-A jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:
http://continental.automotive-approvals.com/

Zakresu(-ów) częstotliwości, w którym (których) pracuje urządzenie radiowe: 24.05–24.25 GHz

Maksymalnej mocy częstotliwości radiowej emitowanej w zakresie(-ach) częstotliwości, w którym (których) pracuje urządzenie radiowe: 100mW (20 dBm) Peak EIRP

C3-026

DECLARAÇÃO UE DE CONFORMIDADE SIMPLIFICADA

O(a) abaixo assinado(a) ADC Automotive Distance Control Systems GmbH declara que o presente tipo de equipamento de rádio SRR3-A está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:
http://continental.automotive-approvals.com/

A(s) banda(s) de frequências em que o equipamento de rádio funciona: 24.05–24.25 GHz

A potência máxima de radiofrequências transmitida na(s) banda(s) de frequências em que o equipamento de rádio funciona: 100mW (20 dBm) Peak EIRP

C3-027

DECLARAȚIA UE DE CONFORMITATE SIMPLIFICATĂ

Prin prezenta, ADC Automotive Distance Control Systems GmbH declară că tipul de echipamente radio SRR3-A este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă in-ternet:
http://continental.automotive-approvals.com/

Banda (benzile) de frecvențe în care funcționează echipamentul radio: 24.05–24.25 GHz

Puterea maximă de radiofrecvență transmisă în banda (benzile) de frecvențe în care funcționează echipamentul radio: 100mW (20 dBm) Peak EIRP

C3-028

ZJEDNODUŠENÉ EÚ VYHLÁSENIE O ZHODE

ADC Automotive Distance Control Systems GmbH týmto vyhlasuje, že rádiové zariadenie typu SRR3-A je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:
http://continental.automotive-approvals.com/

Frekvenčné pásmo resp. pásma, v ktorých rádiové zariadenie pracuje: 24.05–24.25 GHz

Maximálny vysokofrekvenčný výkon prenášaný vo frekvenčnom pásme, resp. pásmach, v ktorých rádiové zariadenie pracuje: 100mW (20 dBm) Peak EIRP

C3-029

POENOSTAVLJENA IZJAVA EU O SKLADNOSTI
ADC Automotive Distance Control Systems GmbH potrjuje, da je tip radijske opreme SRR3-A skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:
http://continental.automotive-approvals.com/

Frekvenčni pas ali pasovi, na katerih deluje radijska oprema:
24.05–24.25 GHz

Največja energija za radijsko frekvenco, preneseno po frekvenčnem pasu ali pasovih, na katerih radijska oprema deluje: 100mW (20 dBm) Peak EIRP

C3-030

YKSINKERTAISTETTU EU-VAATIMUSTENMUKAISUUSVAKUUTUS
ADC Automotive Distance Control Systems GmbH vakuuttaa, että radiolaitetyyppi SRR3-A on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:
http://continental.automotive-approvals.com/

Radiotaajuudet, joilla radiolaite toimii: 24.05–24.25 GHz

Suurin mahdollinen lähetysteho radiotaajuuksilla, joilla radiolaite toimii: 100mW (20 dBm) Peak EIRP

C3-031

FÖRENKLAD EU-FÖRSÄKRAN OM ÖVERENSSTÄMMELSE
Härmed försäkrar ADC Automotive Distance Control Systems GmbH att denna typ av radioutrustning SRR3-A överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:
http://continental.automotive-approvals.com/

Det eller de frekvensband där radioutrustningen arbetar: 24.05–24.25 GHz

Den maximala radiofrekvenseffekt som överförs inom det eller de frekvensband där radioutrustningen arbetar: 100mW (20 dBm) Peak EIRP

C3-032

EINFÖLDUÐ ESB SAMRÆMISYFIRLÝSING

Hér með lýsir ADC Automotive Distance Control Systems GmbH því yfir, að fjarskiptabúnaðurinn að gerð SRR3-A er í samræmi við tilskipun 2014/53/ ESB. Textinn í fullri lengd um Samræmisyfirlýsingu ESB er aðgengilegur á eftirfarandi veffangi:
http://continental.automotive-approvals.com/

Bandbreidd(ir), sem fjarskiptabúnaðurinn starfar í: 24.05–24.25 GHz

Hámarks fjarskiptatíðni sendistyrkleika í bandbreiddinni/bandbreiddunum sem fjarskiptabúnaðurinn starfar í: 100mW (20 dBm) Peak EIRP

C3-033

BASİTLEŞTİRİLMİŞ AB UYGUNLUK BEYANI

Işbu belge ile, ADC Automotive Distance Control Systems GmbH şirketi SRR3-A tipi radyo ekipmanının 2014/53/AB sayılı direktife uygun olduğunu beyan eder. AB uygunluk beyanının tam metni aşağıdaki İnternet adresinde mevcuttur:
http://continental.automotive-approvals.com/

Radyo cihazının çalıştığı frekans bandı/bantları: 24.05–24.25 GHz

Radyo ekipmanının çalıştığı frekans bandında/bantlarında iletilen maksimum radyo frekansı gücü: 100mW (20 dBm) Peak EIRP

C3-034

▶ For vehicles sold in Ukraine



СПРОЩЕНА ДЕКЛАРАЦІЯ про відповідність
справжнім (найменування виробника ADC Automotive Distance Control Systems GmbH) заявляє, що тип радіообладнання (позначення типу радіообладнання SRR3-A) відповідає Технічному регламенту радіообладнання;
повний текст декларації про відповідність доступний на веб-сайті за такою адресою: http://continental.automotive-approvals.com/

найменування та адресу виробника
АДС Автомотів Дістанс Контрол Сістемс ГмбХ
Пітер-Дорніер-Штрассе 10, 88131, Ліндау, Німеччина
(ADC Automotive Distance Control Systems GmbH
Peter-Dornier-Strasse 10, 88131, Lindau, Germany)

СПРОЩЕНА ДЕКЛАРАЦІЯ ЄС ПРО ВІДПОВІДНІСТЬ
Цим ADC Automotive Distance Control Systems GmbH заявляє, що радіообладнання типу SRR3-A відповідає вимогам Директиви 2014/53/EU. Повний текст декларації ЄС про відповідність доступний за наступною адресою в мережі Інтернет:
http://continental.automotive-approvals.com/
Частотний діапазон(-и), в якому працює радіообладнання:
24.05–24.25 ГГц
Максимальна потужність радіочастотного сигналу, що передається у частотному діапазоні(-ах), в якому працює радіообладнання:
100 мВт (20 дБм) Пікова ефективна потужність випромінювання

SRR3-A has been registered with: UA RF: 1CONT 0006

C3-035

▶ For vehicles sold in Serbia



C3-036

▶ For vehicles sold in United Kingdom



Manufacturer Postal Address
ADC Automotive Distance Control Systems GmbH
Peter-Dornier-Strasse 10, 88131 Lindau, Germany

SIMPLIFIED UK DECLARATION OF CONFORMITY
Hereby, ADC Automotive Distance Control Systems GmbH declares that the radio equipment type SRR3-A is in compliance with Radio Equipment Regulations of the United Kingdom. The full text of the UK declaration of conformity is available at the following internet address: http://continental.automotive-approvals.com/

Frequency band(s) in which the radio equipment operates:
24.05–24.25 GHz

Maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates:
100mW (20 dBm) Peak EIRP

C3-057

▶ For vehicles sold in Israel

חל איסור לבצע פעולות במכשיר שיש בהן כדי לשנות את תכונותיו האלחוטיות של המכשיר, ובכלל זה שינויי תוכנה, החלפת אנטנה מקורית או חוספת אפשרות לחיבור לאנטנה חיצונית, בלא קבלת אישור משרד התקשורת, בשל החשש להפרעות אלחוטיות.

C3-058

Wireless charger

Manufacturer ・Name：Panasonic Automotive Systems Co., Ltd. ・Address：4261, Ikonobe-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken 224-8520, Japan
Specifications of Wireless charger Frequency band：116.0-133.0kHz Maximum radio-frequency power： 15W Max
Model No.[*] CA-QLMDX24D CA-QLMDX34D
CE
Hereby, Panasonic Automotive Systems Co., Ltd. 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.ptc.panasonic.eu/
С настоящото Panasonic Automotive Systems Co., Ltd. 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.ptc.panasonic.eu/

Tímto Panasonic Automotive Systems Co., Ltd. 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.ptc.panasonic.eu/
Hermed erklærer Panasonic Automotive Systems Co., Ltd. , at radioudstyrstypen [*] er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: https://www.ptc.panasonic.eu/
Hiermit erklärt Panasonic Automotive Systems Co., Ltd. , dass der Funkanlagentyp [*] der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: https://www.ptc.panasonic.eu/
Käesolevaga deklareerib Panasonic Automotive Systems Co., Ltd. , et käesolev raadioseadme tüüp [*] vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: https://www.ptc.panasonic.eu/
Με την παρούσα ο/η Panasonic Automotive Systems Co., Ltd. , 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.ptc.panasonic.eu/
Por la presente, Panasonic Automotive Systems Co., Ltd. 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.ptc.panasonic.eu/

Le soussigné, Panasonic Automotive Systems Co., Ltd. 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.ptc.panasonic.eu/
Il fabbricante, Panasonic Automotive Systems Co., Ltd. , 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.ptc.panasonic.eu/
Ar šo Panasonic Automotive Systems Co., Ltd. deklarē, ka radioiekārta [*] atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: https://www.ptc.panasonic.eu/
Aš, Panasonic Automotive Systems Co., Ltd. , patvirtinu, kad radijo įrenginių tipas [*] atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: https://www.ptc.panasonic.eu/
Panasonic Automotive Systems Co., Ltd. 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.ptc.panasonic.eu/
Panasonic Automotive Systems Co., Ltd. igazolja, hogy a [*] típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: https://www.ptc.panasonic.eu/

B'dan, Panasonic Automotive Systems Co., Ltd. , 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.ptc.panasonic.eu/
Hierbij verklaar ik, Panasonic Automotive Systems Co., Ltd. , 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.ptc.panasonic.eu/
Panasonic Automotive Systems Co., Ltd. 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.ptc.panasonic.eu/
O(a) abaixo assinado(a) Panasonic Automotive Systems Co., Ltd. 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.ptc.panasonic.eu/
Prin prezenta, Panasonic Automotive Systems Co., Ltd. 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.ptc.panasonic.eu/
Panasonic Automotive Systems Co., Ltd. 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.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd. 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.ptc.panasonic.eu/
Panasonic Automotive Systems Co., Ltd. vakuuttaa, että radiolaitetyyppi [*] on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: https://www.ptc.panasonic.eu/
Härmed försäkrar Panasonic Automotive Systems Co., Ltd. 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.ptc.panasonic.eu/

▶ For vehicles sold in United Kingdom

Manufacturer ・Name：Panasonic Automotive Systems Co., Ltd. ・Address：4261, Ikonobe-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken 224-8520, Japan
Specifications of Wireless charger Frequency band：116.0-133.0kHz Maximum radio-frequency power： 15W Max
Model No.[＊] CA-QLMDX34D
UK CA
Hereby, Panasonic Automotive Systems Co., Ltd. declares that the radio equipment type[*] is in compliance with The Radio Equipment Regulations 2017. The full text of the UK declaration of conformity is available at the following internet address: https://www.ptc.panasonic.eu/

▶ For vehicles sold in Ukraine

Бездротовий зарядний пристрій смугу радіочастот, в якій працює радіообладнання; 116.0-133.0kHz максимальну потужність випромінювання в смузі радіочастот, в якій працює радіообладнання; 15W
моделі №.[*] CA-QLMDX24D
справжнім Panasonic Automotive Systems Co., Ltd. заявляє, що тип радіообладнання [*] відповідає Технічному регламенту радіообладнання; повний текст декларації про відповідність доступний на веб-сайті за такою адресою: https://service.panasonic.ua/ (розділ «Технічне регулювання»)

▶ For vehicles sold in Israel

מספר אישור התאמה מטעם משרד התקשורת:55-14443
חל איסור לבצע פעולות במכשיר שיש בהן כדי לשנות את תכונותיו האלחוטיות של המכשיר, ובכלל זה שינויי תוכנה, החלפת אנטנה מקורית או הוספת אפשרות לחיבור לאנטנה חיצונית, בלא קבלת אישור משרד התקשורת, בשל החשש להפרעות אלחוטיות.

▶ For vehicles sold in Serbia

Спецификације бежичног пуњача Фреквенција фреквенције: 116.0-133.0kHz Максимална фреквенција радија: 15W
Овим путем Panasonic Automotive Systems Co., Ltd. изјављује да је тип радио опреме [*] у складу са Директивом 2014/53/ЕУ. Пун текст ЕУ изјаве о усаглашености доступан је на следећој интернет адреси: https://www.ptc.panasonic.eu/ Model No.[*] CA-QLMDX24D

Tire pressure warning system

・Manufacturer's name: PACIFIC INDUSTRIAL CO., LTD. ・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: 92.8dB μV/m@3m(Radiated)
Hereby, PACIFIC INDUSTRIAL CO., LTD. declares that the radio equipment type PMV-G101 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.pacific-ind.co.jp/eng/products/car/tpms/doc/
PACIFIC INDUSTRIAL CO., LTD. vakuuttaa, että radiolaitetyyppi PMV-G101 on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Hierbij verklaar ik, PACIFIC INDUSTRIAL CO., LTD., dat het type radioapparatuur PMV-G101 conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

Le soussigné, PACIFIC INDUSTRIAL CO., LTD., déclare que l'équipement radioélectrique du type PMV-G101 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.pacific-ind.co.jp/eng/products/car/tpms/doc/
Härmed försäkrar PACIFIC INDUSTRIAL CO., LTD. att denna typ av radioutrustning PMV-G101 överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Hermed erklærer PACIFIC INDUSTRIAL CO., LTD., at radioudstyrstypen PMV-G101 er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Hiermit erklärt PACIFIC INDUSTRIAL CO., LTD., dass der Funkanlagentyp PMV-G101 der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Με την παρούσα ο/η PACIFIC INDUSTRIAL CO., LTD., δηλώνει ότι ο ραδιοεξοπλισμός PMV-G101 πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

Il fabbricante, PACIFIC INDUSTRIAL CO., LTD., dichiara che il tipo di apparecchiatura radio PMV-G101 è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: https://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-G101 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.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-G101 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.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-G101 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.pacific-ind.co.jp/eng/products/car/tpms/doc/
Käesolevaga deklareerib PACIFIC INDUSTRIAL CO., LTD., et käesolev raadioseadme tüüp PMV-G101 vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

PACIFIC INDUSTRIAL CO., LTD. igazolja, hogy a PMV-G101 típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
PACIFIC INDUSTRIAL CO., LTD. týmto vyhlasuje, že rádiové zariadenie typu PMV-G101 je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Tímto PACIFIC INDUSTRIAL CO., LTD. prohlašuje, že typ rádiového zařízení PMV-G101 je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
PACIFIC INDUSTRIAL CO., LTD. potrjuje, da je tip radijske opreme PMV-G101 skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Aš, PACIFIC INDUSTRIAL CO., LTD., patvirtinu, kad radijo įrenginių tipas PMV-G101 atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

Ar šo PACIFIC INDUSTRIAL CO., LTD. deklarē, ka radioiekārta PMV-G101 atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
PACIFIC INDUSTRIAL CO., LTD. niniejszym oświadcza, że typ urządzenia radiowego PMV-G101 jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Hér með lýsir PACIFIC INDUSTRIAL CO., LTD. yfir því að PMV-G101 er i samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU. Samræmisyfirlýsing er einning aðgengileg á eftirfarandi vefslóð: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
PACIFIC INDUSTRIAL CO., LTD. erklærer at PMV-G101 er i overensstemmelse med direktiv 2014/53/EU. Samsvarserklæringen I fulltekst er tilgjengelig på følgende internettadresse: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
С настоящото PACIFIC INDUSTRIAL CO., LTD. декларира, че този тип радиосъоръжение PMV-G101 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.pacific-ind.co.jp/eng/products/car/tpms/doc/

Prin prezenta, PACIFIC INDUSTRIAL CO., LTD. declară că tipul de echipamente radio PMV-G101 este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
U ovom dokumentu, PACIFIC INDUSTRIAL CO., LTD. deklariše da je radio oprema model PMV-G101 usklađena sa Directive 2014/53/EU. Cio tekst EU deklaracije usklađenosti dostupan je na slijedećoj interent adresi: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Овим, PACIFIC INDUSTRIAL CO., LTD. изјављује да је радио опрема типа PMV-G101 усклађена са Directive 2014/53/EU. Комплетан текст декларације ЕУ за усаглашеност доступан је на следећој веб адреси: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
PACIFIC INDUSTRIAL CO., LTD. ovime izjavljuje da je radijska oprema tipa PMV-G101 u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Këtu, PACIFIC INDUSTRIAL CO., LTD. deklaron se pajisja radio PMV-G101 është në përputhje me Directive 2014/53/EU. Teksti i plotë i deklaratës së konformitetit të BE-së gjendet në adresën e mëposhtme të internetit: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

İşbu belge; PACIFIC INDUSTRIAL CO., LTD. telsiz ekipmanı tipinin PMV-G101 2014/53/AB sayılı Direktif'e uygun olduğunu beyan eder.
AB uygunluk beyanının tam metni aşağıdaki internet adresinde mevcuttur:
https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/etc/

Prin prezenta, PACIFIC INDUSTRIAL CO., LTD. declară că tipul de echipamente radio PMV-G101 este în conformitate cu Reglementarea Tehnică "Punerea la dispoziție pe piață a echipamentelor radio", aprobată prin HG nr. 34 din 30.01.2019.
Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:
https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/etc/

UK(England, Wales and Scotland)
・Manufacturer's name: PACIFIC INDUSTRIAL CO., LTD.
・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: 92.8dBμV/m@3m(Radiated)

Hereby, PACIFIC INDUSTRIAL CO., LTD. declares that the radio equipment type PMV-G101 is in compliance with Radio Equipment Regulations 2017 (S.I. 2017/1206).
The full text of the declaration of conformity is available at the following internet address:
https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/etc/

- Модель: PMV-G101
- Виробник: PACIFIC INDUSTRIAL CO., LTD.

- Найменування та адреса виробника або його уповноваженого представника

PACIFIC INDUSTRIAL CO., LTD.
1300-1 Yokoi, Godo-cho, Anpachi-Gun, Gifu, 503-2397
Japan/Японія.

- Діапазон частот, МГц: 433,05 - 434,79
- Максимальна вихідна потужність передавача, мВт (дБм): 1,0 (0);

- Справжнім PACIFIC INDUSTRIAL CO., LTD. заявляє, що радіопередавач системи контролю тиску та температури в шинах автомобіля відповідає Технічному регламенту радіообладнання; повний текст декларації про відповідність доступний на веб-сайті за такою адресою: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ukr/

И 005 21

"מספר אישור התאמה מטעם משרד התקשורת:״ 55-11234-

"חל איסור לבצע פעולות במכשיר שיש בהן כדי לשנות את תכונותיו האלחוטיות של המכשיר, ובכלל זה שינויי תוכנה, החלפת אנטנה מקורית או הוספת אפשרות לחיבור לאנטנה חיצונית, בלא קבלת אישור משרד התקשורת, בשל החשש להפרעות אלחוטיות.";

CE

Manufacturer's Declaration of Conformity

Manufacturer:
Kawasaki Industrial Co., Ltd.
1131 Kamo Kikugawa, Shizuoka, Japan

The EU Directives covered by this Declaration

2006/42/EC Machinery Directive

The product covered by this declaration

JACK SUB-ASSY,PANTOGRAPH

model
0.8ton , 1.1ton , 1.35ton , 1.4ton , 1.5ton

The basis on which conformity is being declared

The product identified above complies with the requirements of the Machinery Directive
Directive above by meeting following standards

JIS D 8103

The technical documentation required to demonstrate that the product meets the requirement the Machinery Directive has been compiled by the signatory belowand is available for inspection by the relevant enforcement authorities.

A sample of the product has been tested by the manufacturer

Technical File No: KSF-201-00-04

The CE mark was first applied in:2010

Done at Shizuoka, Japan

Signature:
Koji Kawasaki
PRESIDENT ,Kawasaki Industrial Co., Ltd.

Date of Issue: 1 MARCH ,2018

UK CA

Manufacturer's Declaration of Conformity

Manufacturer:
Kawasaki Industrial Co., Ltd.
1131 Kamo Kikugawa, Shizuoka, Japan

The Regulations covered by this Declaration

The Supply of Machinery (Safety) Regulations 2008

The product covered by this declaration

JACK SUB-ASSY,PANTOGRAPH

model
0.8ton , 1.1ton , 1.3ton , 1.35ton , 1.4ton , 1.5ton

The basis on which conformity is being declared

The product identified above complies with the requirements of the Supply of Machinery (Safety) Regulations Directive above by meeting following standards

JIS D 8103

The technical documentation required to demonstrate that the product meets the requirement the Supply of Machinery (Safety) Regulations has been compiled by the signatory belowand is available for inspection by the relevant enforcement authorities.

A sample of the product has been tested by the manufacturer

Technical File No: KSF-201-00-05

The UKCA mark was first applied in:2021

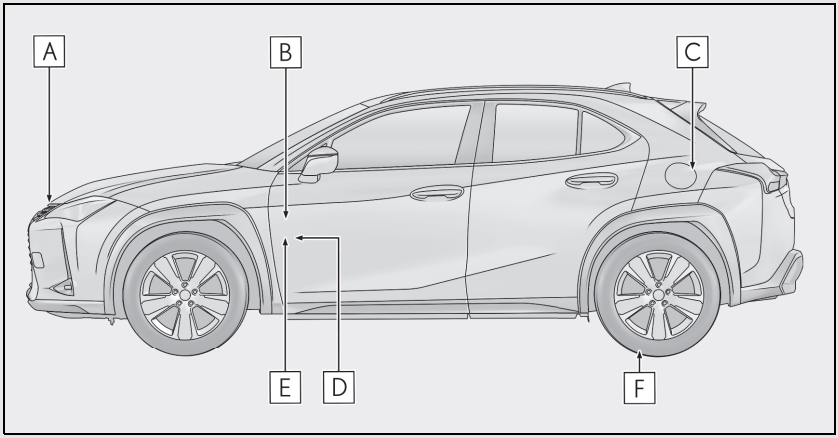
Done at Shizuoka, Japan

Signature:

Koji Kawasaki
PRESIDENT ,Kawasaki Industrial Co., Ltd.

Date of Issue: 21 SEP ,2021

GAS STATION INFORMATION



A Auxiliary catch lever (→P.388)

B Power back door switch* (→P.140)

C Fuel filler door (→P.234)

D Hood lock release lever (→P.388)

E Fuel filler door opener switch (→P.234)

F Tire inflation pressure (→P.493)

*: If equipped

Fuel tank capacity (Reference)	43 L (11.4 gal., 9.5 Imp.gal.)	
Fuel type	EU area: Unleaded gasoline conforming to European standard EN228 only Except EU area: Unleaded gasoline only	P.488
Cold tire inflation pressure		P.493
Engine oil capacity (Drain and refill — reference)		P.489
Engine oil type		P.489