



UX EV

OWNER'S MANUAL



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Pictorial index	Search by illustration	
For safety and security	Make sure to read through them (Main topics: Child seat, theft deterrent system)	1
Electric Vehicle system	Reading charging-related information (Main topics: Electric Vehicle system, charging methods)	2
Vehicle status information and indicators	Reading driving-related information (Main topics: Meters, multi-information display)	3
Before driving	Opening and closing the doors and windows, adjustment before driving (Main topics: Keys, doors, seats, power windows)	4
Driving	Operations and advice which are necessary for driving (Main topics: Starting Electric Vehicle system, driving support systems)	5
Interior features	Usage of the interior features (Main topics: Air conditioner, storage features)	6
Maintenance and care	Caring for your vehicle and maintenance procedures (Main topics: Interior and exterior, light bulbs)	7
When trouble arises	What to do in case of malfunction and emergency (Main topics: 12-volt battery discharge, flat tire)	8
Vehicle specifications	Vehicle specifications, customizable features (Main topics: Fluids, tire inflation pressure)	9
Index	Search by symptom	
	Search alphabetically	

2 TABLE OF CONTENTS

For your information	6	AC charging cable.....	94
Reading this manual.....	9	Locking and unlocking the AC charging port lid and AC charging connector	105
How to search	10	Power sources that can be used (AC charging).....	107
Pictorial index	12	Charging methods	109
1 For safety and security		Charging tips.....	111
1-1. For safe use		Things to know before charging	112
Before driving.....	30	How to use AC charging	115
For safe driving.....	31	How to use DC charging	123
Seat belts	32	Using the charging schedule func- tion (AC charging).....	128
SRS airbags	36	Using My Room Mode.....	142
1-2. Child safety		When charging cannot be per- formed normally.....	145
Airbag manual on-off system.....	44	3 Vehicle status information and indicators	
Riding with children.....	45	3-1. Instrument cluster	
Child restraint systems	46	Warning lights and indicators..	160
1-3. Emergency assistance		Gauges and meters	163
eCall	62	Multi-information display	166
1-4. Theft deterrent system		Head-up display	170
Immobilizer system	72	4 Before driving	
Double locking system	73	4-1. Key information	
Alarm	74	Keys	176
2 Electric Vehicle system		4-2. Opening, closing and locking the doors	
2-1. Electric vehicle system		Side doors	180
Electric Vehicle system features	80	Back door.....	184
Electric Vehicle system precau- tions.....	83	Smart entry & start system.....	197
Battery Electric Vehicle driving tips	87		
Driving range.....	89		
2-2. Charging			
Charging equipment	91		

4-3. Adjusting the seats
 Front seats..... **202**
 Rear seats..... **203**
 Head restraints..... **204**

4-4. Adjusting the steering wheel and mirrors
 Steering wheel **206**
 Inside rear view mirror..... **207**
 Outside rear view mirrors..... **208**

4-5. Opening, closing the windows and moon roof
 Power windows..... **211**
 Moon roof..... **213**

5 Driving

5-1. Before driving
 Driving the vehicle..... **218**
 Cargo and luggage..... **224**
 Trailer towing..... **225**

5-2. Driving procedures
 Power (ignition) switch..... **226**
 Shift position..... **230**
 Turn signal lever **235**
 Parking brake **236**
 Brake Hold..... **239**
 ASC (Active Sound Control/Acceleration Sound Control)..... **241**

5-3. Operating the lights and wipers
 Headlight switch..... **242**
 AHS (Adaptive High-beam System)..... **244**
 AHB (Automatic High Beam) **248**
 Fog light switch **251**

Windshield wipers and washer **252**
 Rear window wiper and washer **257**

5-4. Using the driving support systems
 Lexus Safety System + **259**
 PCS (Pre-Collision System) **264**
 LTA (Lane Tracing Assist) **274**
 RSA (Road Sign Assist) **284**
 Dynamic radar cruise control with full-speed range **288**
 BSM (Blind Spot Monitor)..... **300**
 PKSA (Parking Support Alert) **304**
 Lexus parking assist-sensor **305**
 RCTA (Rear Crossing Traffic Alert) function **313**
 PKSB (Parking Support Brake) **318**
 Parking Support Brake function (static objects)..... **323**
 Parking Support Brake function (rear-crossing vehicles) **325**
 Driving mode select switch **327**
 Driving assist systems **328**

5-5. Driving tips
 Winter driving tips **333**
 Utility vehicle precautions..... **335**

6 Interior features

6-1. Lexus Climate Concierge
 Lexus Climate Concierge **340**



4 TABLE OF CONTENTS

- 6-2. **Using the air conditioning system and defogger**
 - Automatic air conditioning system 341
 - Remote Air Conditioning System 349
 - Heated steering wheel/seat heaters/seat ventilators 351
- 6-3. **Using the interior lights**
 - Interior lights list 354
- 6-4. **Using the storage features**
 - List of storage features 357
 - Luggage compartment features 360
- 6-5. **Using the other interior features**
 - Other interior features 364

7 Maintenance and care

- 7-1. **Maintenance and care**
 - Cleaning and protecting the vehicle exterior 376
 - Cleaning and protecting the vehicle interior 379
- 7-2. **Maintenance**
 - Maintenance requirements 382
- 7-3. **Do-it-yourself maintenance**
 - Do-it-yourself service precautions 384
 - Hood 385
 - Positioning a floor jack 386
 - Motor compartment 388
 - Tires 393
 - Replacing the tire 401
 - Tire inflation pressure 406
 - Wheels 407

- Air conditioning filter 408
- Electronic key battery 410
- Checking and replacing fuses 412
- Light bulbs 415

8 When trouble arises

- 8-1. **Essential information**
 - Emergency flashers 420
 - If your vehicle has to be stopped in an emergency 420
 - If the vehicle is submerged or water on the road is rising 421
- 8-2. **Steps to take in an emergency**
 - If your vehicle needs to be towed 423
 - If you think something is wrong 426
 - If a warning light turns on or a warning buzzer sounds 428
 - If a warning message is displayed 436
 - If you have a flat tire 440
 - If the EV system will not start 451
 - If you lose your keys 453
 - If the charging port lids cannot be opened 453
 - If the electronic key does not operate properly 454
 - If the 12-volt battery is discharged 457
 - If your vehicle overheats 461
 - If the vehicle becomes stuck ... 463

9 Vehicle specifications	
9-1. Specifications	
Maintenance data 466	
9-2. Customization	
Customizable features 471	1
9-3. Initialization	
Items to initialize 485	2
Index	
What to do if... (Troubleshooting) 488	3
Alphabetical Index 491	4
	5
	6
	7
	8
	9

For your information

WARNING

■ General precautions while driving

Driving under the influence: Never drive your vehicle when under the influence of alcohol or drugs that have impaired your ability to operate your vehicle. Alcohol and certain drugs delay reaction time, impair judgment and reduce coordination, which could lead to an accident that could result in death or serious injury.

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

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

■ General precaution regarding children's safety

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

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

Main Owner's Manual

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

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

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

Accessories, spare parts and modification of your Lexus

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

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

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:

- 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 Battery Electric Vehicles emit approximately the same amount of electromagnetic waves as the conventional gasoline powered vehicles or home electronic appliances despite of their electromagnetic shielding.

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

Vehicle data recording

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

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

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

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

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

- Data usage

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

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

With the consent of the vehicle owner or with the consent of the lessee if the vehicle is leased

In response to an official request by the police, a court of law or a government agency

For use by Lexus in a lawsuit

For research purposes where the data is not tied to a specific vehicle or vehicle owner

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

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

Scrapping of your Lexus

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

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
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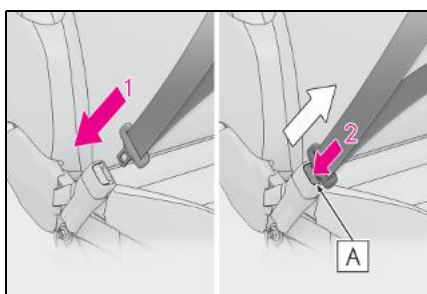
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
Explains symbols used in this manual

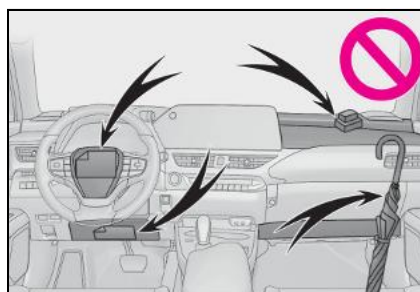
Symbols in this manual



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.
	Indicates operating or working procedures. Follow the steps in numerical order.

Symbols in illustrations



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

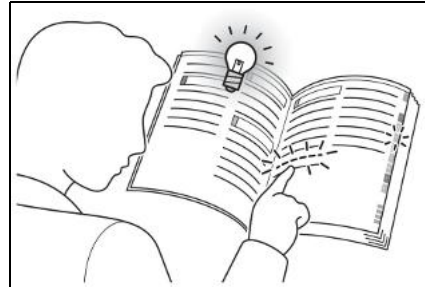
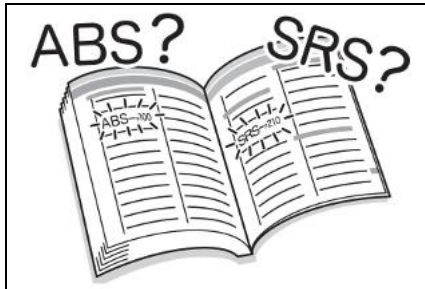


Symbols	Meanings
	Indicates the component or position being explained.
	Means Do not , Do not do this , or Do not let this happen .

How to search

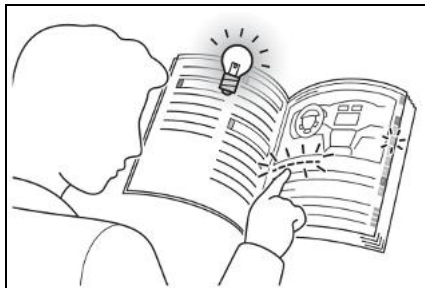
■ Searching by name

- Alphabetical index: →P.491



■ Searching by installation position

- Pictorial index: →P.12



■ Searching by symptom or sound

- What to do if... (Troubleshooting):
→P.488

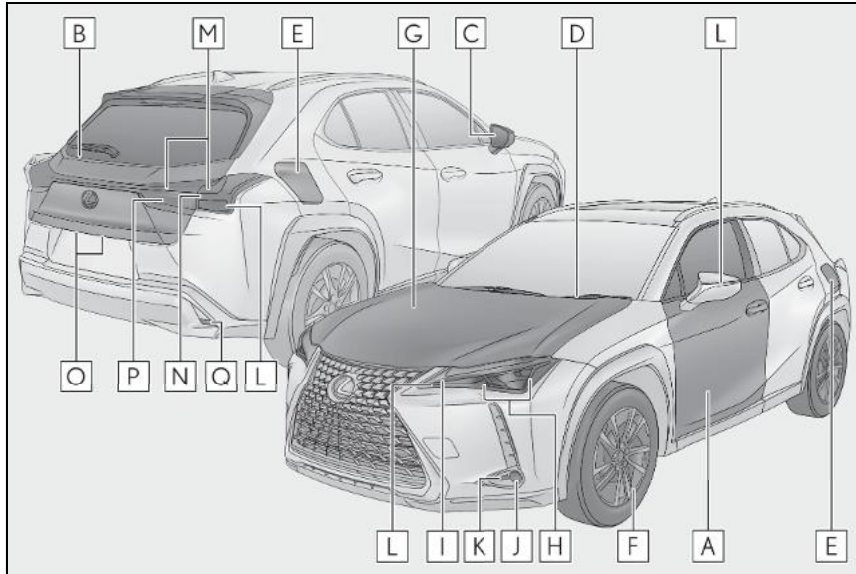


■ Searching by title

- Table of contents: →P.2

Pictorial index

■ Exterior



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

A	Side doors	P.180
	Locking/unlocking.....	P.180
	Opening/closing the side windows.....	P.211
	Locking/unlocking by using the mechanical key.....	P.454
	Warning messages.....	P.436
B	Back door	P.184
	Locking/unlocking.....	P.185
	Opening/closing the back door.....	P.186
	Power back door *.....	P.187
	Warning messages.....	P.436
C	Outside rear view mirrors	P.208
	Adjusting the mirror angle.....	P.208
	Folding the mirrors.....	P.209
	Defogging the mirrors.....	P.342

D	Windshield wipers	P.252
	Precautions against winter season.....	P.333
	To prevent freezing (windshield wiper de-icer) *	P.343
	Precautions against car wash (rain-sensing windshield wipers) *	P.377
E	Charging port lids	P.91
	Charging methods.....	P.109
F	Tires	P.393
	Tire size/inflation pressure.....	P.470
	Winter tires/tire chain.....	P.333
	Checking/rotation/tire pressure warning system	P.393
	Coping with flat tires	P.440
G	Hood	P.385
	Opening.....	P.385
	Coping with overheat.....	P.461
	Warning messages	P.436

Light bulbs of the exterior lights for driving
(Replacing method: P.415, Watts: P.470)

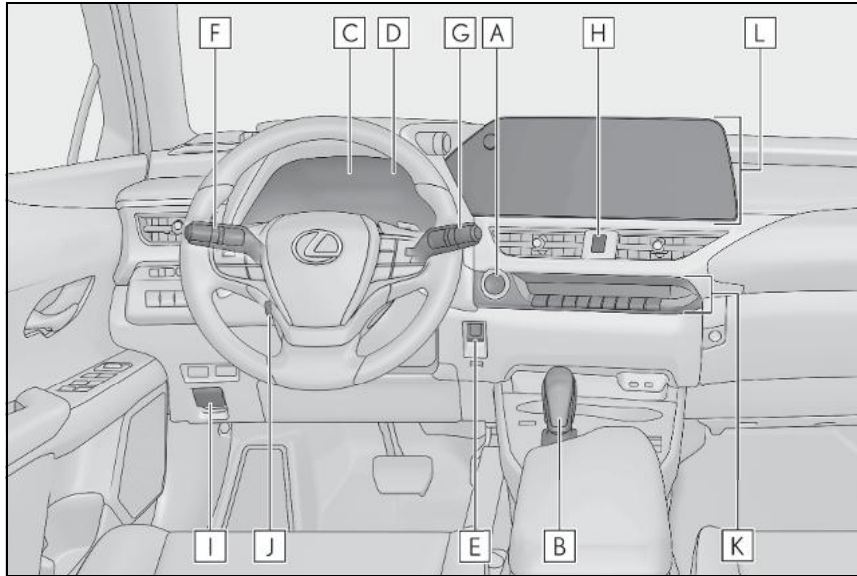
H	Headlights	P.242
I	Front position lights/daytime running lights	P.242
J	Front fog lights *	P.251
K	Cornering lights *	P.244
L	Turn signal lights	P.235
M	Tail lights	P.242
N	Stop lights	
	Emergency brake signal.....	P.328
O	License plate lights	P.242
P	Rear fog lights	P.251
Q	Back-up light	

14 Pictorial index

Shifting the shift lever to R..... P.230

* : If equipped

■ Instrument panel (left-hand drive vehicles)



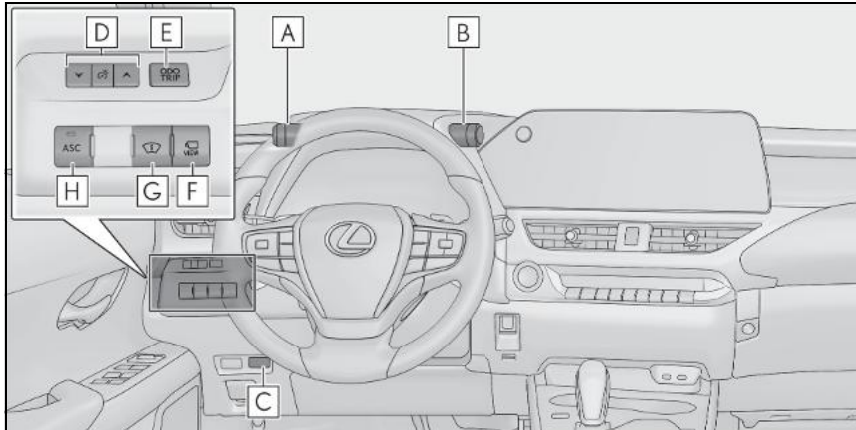
- A Power switch** P.226
 - Starting the EV system/changing the modes P.226
 - Emergency stop of the EV system P.420
 - When the EV system will not start P.451
 - Warning messages P.436
- B Shift lever** P.230
 - Changing the shift position P.231
 - Precautions against towing P.423
- C Meters** P.163
 - Reading the meters/adjusting the instrument panel lights P.163, 165
 - Warning lights/indicator lights P.160
 - When the warning lights come on P.428
- D Multi-information display** P.166
 - Display P.166
 - When the warning messages are displayed P.436

E	Parking brake switch	P.236
	Applying/releasing.....	P.236
	Precautions against winter season.....	P.334
	Warning buzzer/message	P.429, 436
F	Turn signal lever	P.235
	Headlight switch	P.242
	Headlights/front position lights/tail lights/license plate lights/ daytime running lights	P.242
	AHS (Adaptive High-beam System) ^{*1}	P.244
	AHB (Automatic High Beam) ^{*1}	P.248
	Front fog lights ^{*1} /rear fog lights	P.251
G	Windshield wiper and washer switch	P.252
	Rear window wiper and washer switch	P.257
	Usage	P.252, 257
	Adding washer fluid.....	P.392
	Headlight cleaners.....	P.252
	Warning messages	P.436
H	Emergency flasher switch	P.420
I	Hood lock release lever	P.385
J	Tilt and telescopic steering control switch	P.206
	Adjustment.....	P.206
K	Air conditioning system	P.341
	Usage	P.341
	Rear window defogger	P.342
L	Audio system ^{*2}	

^{*1}: If equipped

^{*2}: Refer to MULTIMEDIA OWNER'S MANUAL .

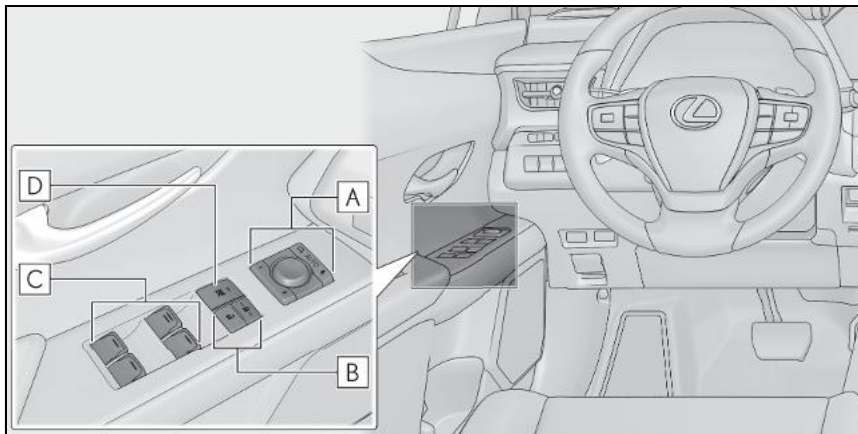
■ Switches (left-hand drive vehicles)



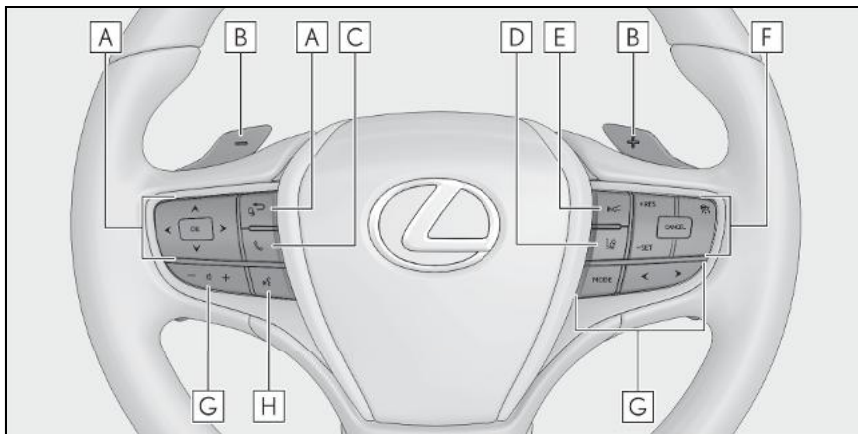
A VSC off switch.....	P.329
B Driving mode select switch.....	P.327
C Power back door switch ^{*1}	P.188
D Instrument panel light control switches.....	P.165
E ODO TRIP switch.....	P.165
F Camera switch ^{*1,2}	
G Head-up display switch ^{*1}	P.170
H ASC switch.....	P.241

^{*1}: If equipped

^{*2}: Refer to MULTIMEDIA OWNERS MANUAL .



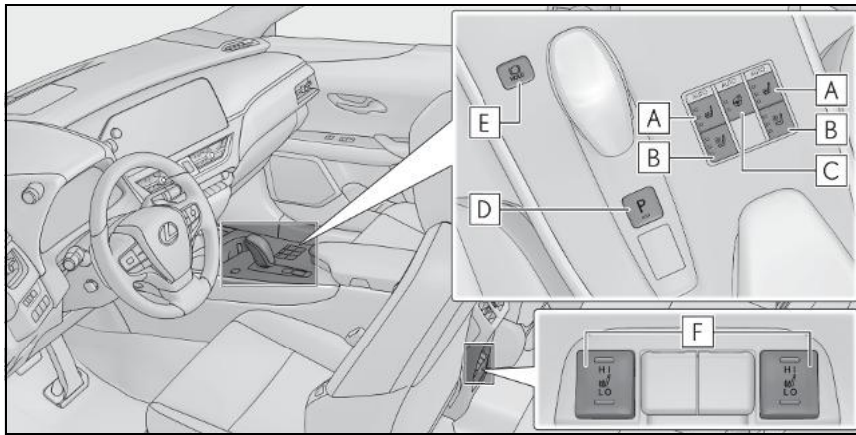
- A** Outside rear view mirror switches P.208
- B** Door lock switches P.183
- C** Power window switches P.211
- D** Window lock switch.....P.212



- A** Meter control switches P.166
- B** Paddle shift switches P.234
- C** TEL switch*
- D** LTA (Lane Tracing Assist) switch P.274

- E** Vehicle-to-vehicle distance switch P.293
- F** Cruise control switches
 Dynamic radar cruise control with full-speed range..... P.288
- G** Audio remote control switches *
- H** Talk switch *

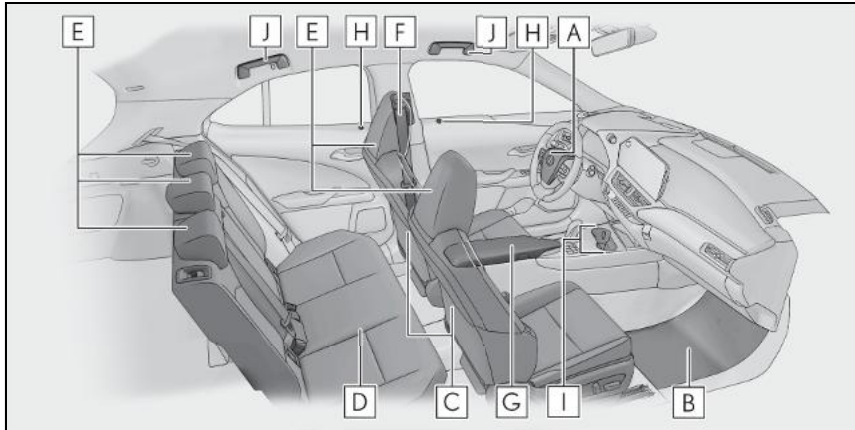
*: Refer to MULTIMEDIA OWNER S MANUAL .



- A** Front seat heater switches *P.351
- B** Seat ventilator switches * P.352
- C** Heated steering wheel switch *P.351
- D** P position switchP.231
- E** Brake hold switch P.239
- F** Rear seat heater switches *P.351

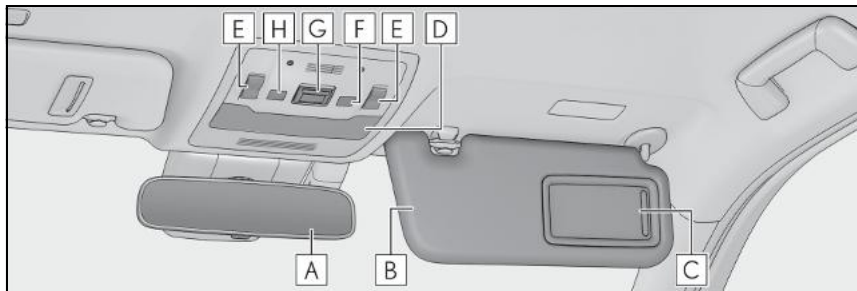
*: If equipped

■ Interior (left-hand drive vehicles)



A	SRS airbags.....	P.36
B	Floor mats.....	P.30
C	Front seats.....	P.202
D	Rear seats.....	P.203
E	Head restraints.....	P.204
F	Seat belts.....	P.32
G	Console box.....	P.358
H	Inside lock buttons.....	P.183
I	Cup holders.....	P.358
J	Assist grips.....	P.373

■ Ceiling (left-hand drive vehicles)



A	Inside rear view mirror	P.207
B	Sun visors ^{*1}	P.364
C	Vanity mirrors	P.364
D	Interior light ^{*2}	P.355
	Personal lights	P.356
E	Moon roof switches ^{*3}	P.213
F	Door-linked interior light switch	P.355
G	SOS button ^{*3}	P.62
H	Intrusion sensor cancel switch ^{*3}	P.75
	Intrusion sensor and tilt sensor cancel switch ^{*3}	P.75

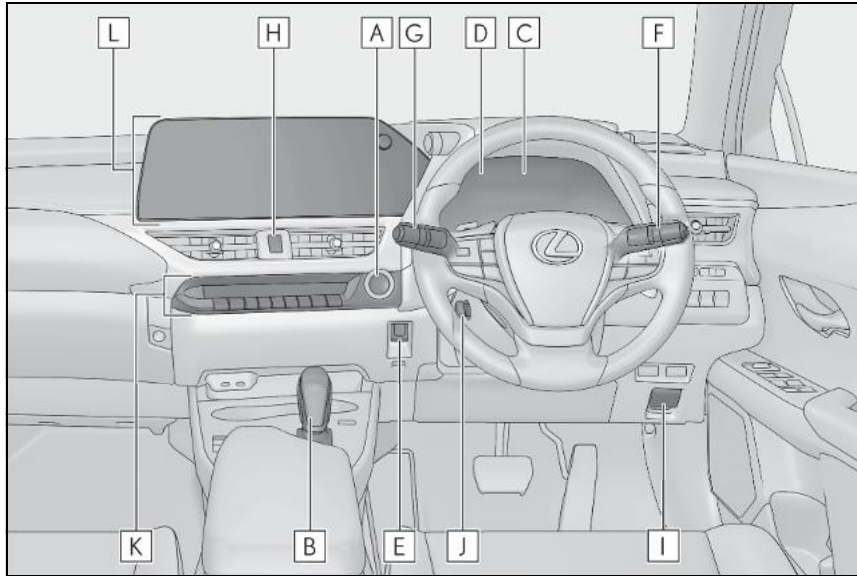
^{*1}: NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIR-BAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur. (→P.48)



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

^{*3}: If equipped

■ Instrument panel (right-hand drive vehicles)



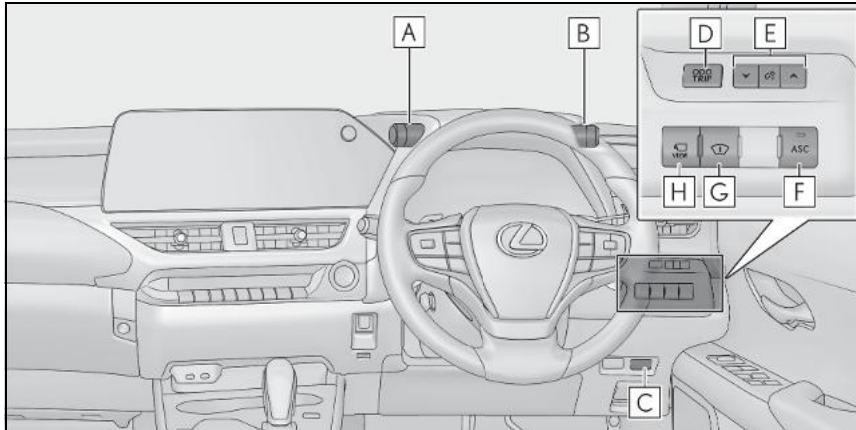
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|----------|--|--------------|
| A | Power switch | P.226 |
| | Starting the EV system/changing the modes | P.226 |
| | Emergency stop of the EV system | P.420 |
| | When the EV system will not start | P.451 |
| | Warning messages | P.436 |
| B | Shift lever | P.230 |
| | Changing the shift position | P.231 |
| | Precautions against towing | P.423 |
| C | Meters | P.163 |
| | Reading the meters/adjusting the instrument panel lights | P.163, 165 |
| | Warning lights/indicator lights | P.160 |
| | When the warning lights come on | P.428 |
| D | Multi-information display | P.166 |
| | Display | P.166 |
| | When the warning messages are displayed | P.436 |

E	Parking brake switch	P.236
	Applying/releasing.....	P.236
	Precautions against winter season.....	P.334
	Warning buzzer/message	P.429, 436
F	Windshield wiper and washer switch	P.252
	Rear window wiper and washer switch	P.257
	Usage	P.252, 257
	Adding washer fluid.....	P.392
	Headlight cleaners.....	P.252
	Warning messages	P.436
G	Turn signal lever	P.235
	Headlight switch	P.242
	Headlights/front position lights/tail lights/license plate lights/ daytime running lights	P.242
	AHS (Adaptive High-beam System) ^{*1}	P.244
	AHB (Automatic High Beam) ^{*1}	P.248
	Front fog lights ^{*1} /rear fog lights	P.251
H	Emergency flasher switch	P.420
I	Hood lock release lever	P.385
J	Tilt and telescopic steering control switch	P.206
	Adjustment.....	P.206
K	Air conditioning system	P.341
	Usage	P.341
	Rear window defogger	P.342
L	Audio system ^{*2}	

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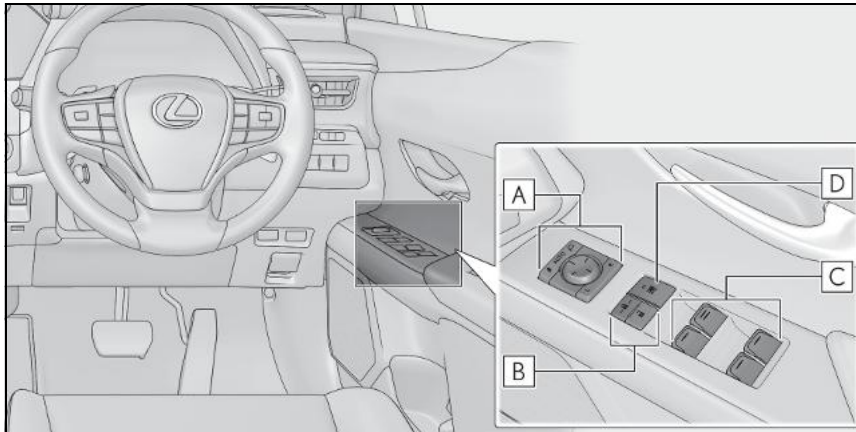
■ Switches (right-hand drive vehicles)



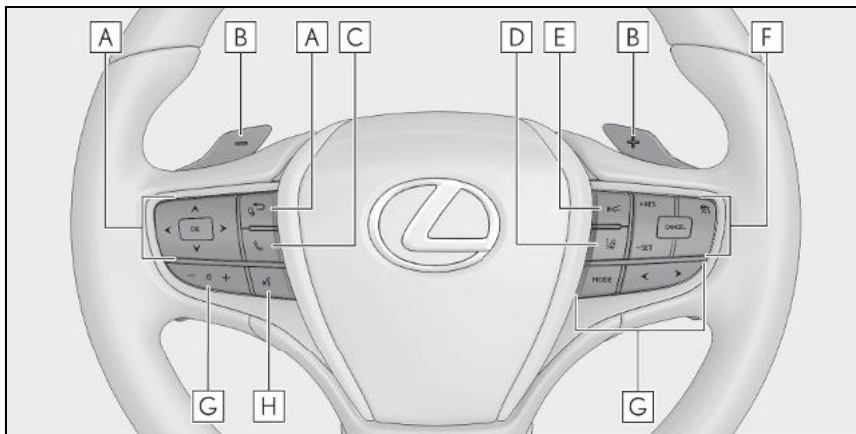
- A** Driving mode select switch P.327
- B** VSC off switch P.329
- C** Power back door switch^{*1} P.188
- D** ODO TRIP switch P.165
- E** Instrument panel light control switches P.165
- F** ASC switch P.241
- G** Head-up display switch^{*1} P.170
- H** Camera switch^{*1,2}

^{*1}: If equipped

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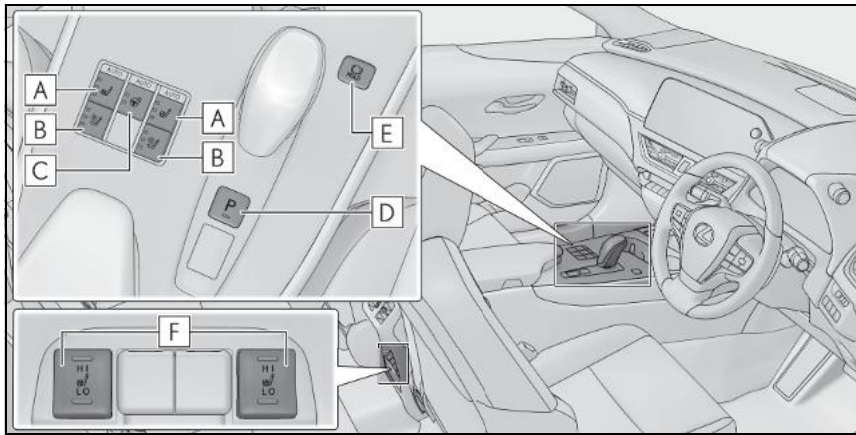
- A** Outside rear view mirror switches P.208
- B** Door lock switches P.183
- C** Power window switches P.211
- D** Window lock switch.....P.212



- A** Meter control switches P.166
- B** Paddle shift switches P.234
- C** TEL switch*
- D** LTA (Lane Tracing Assist) switch P.274

- E** Vehicle-to-vehicle distance switch P.293
- F** Cruise control switches
 - Dynamic radar cruise control with full-speed range..... P.288
- G** Audio remote control switches *
- H** Talk switch *

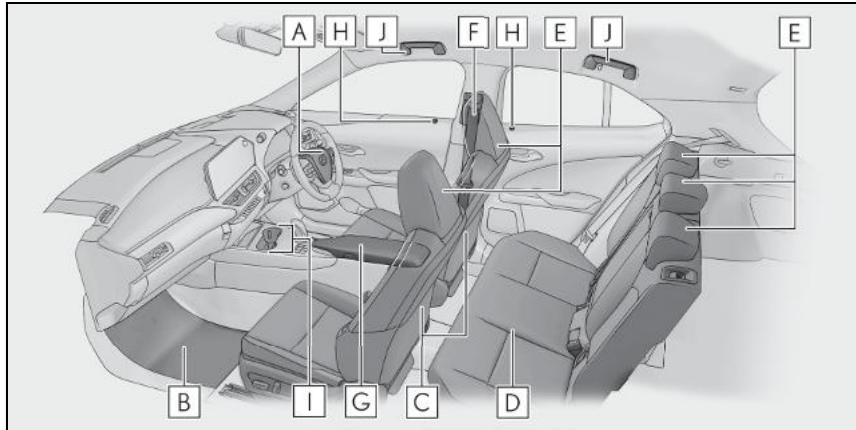
*: Refer to MULTIMEDIA OWNER S MANUAL .



- A** Front seat heater switches *P.351
- B** Seat ventilator switches * P.352
- C** Heated steering wheel switch *P.351
- D** P position switchP.231
- E** Brake hold switch P.239
- F** Rear seat heater switches *P.351

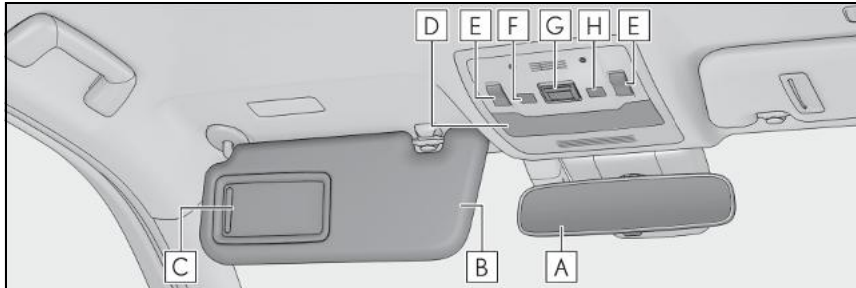
*: If equipped

■ Interior (right-hand drive vehicles)



A	SRS airbags	P.36
B	Floor mats	P.30
C	Front seats	P.202
D	Rear seats	P.203
E	Head restraints	P.204
F	Seat belts	P.32
G	Console box	P.358
H	Inside lock buttons	P.183
I	Cup holders	P.358
J	Assist grips	P.373

■ Ceiling (right-hand drive vehicles)



A	Inside rear view mirror	P.207
B	Sun visors ^{*1}	P.364
C	Vanity mirrors	P.364
D	Interior light ^{*2}	P.355
	Personal lights	P.356
E	Moon roof switches ^{*3}	P.213
F	Intrusion sensor cancel switch ^{*3}	P.75
	Intrusion sensor and tilt sensor cancel switch ^{*3}	P.75
G	SOS button	P.62
H	Door-linked interior light switch	P.355

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



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

^{*3}: If equipped

For safety and security

1

- 1-1. For safe use**
 - Before driving.....30
 - For safe driving.....31
 - Seat belts32
 - SRS airbags36
- 1-2. Child safety**
 - Airbag manual on-off system...44
 - Riding with children45
 - Child restraint systems46
- 1-3. Emergency assistance**
 - eCall62
- 1-4. Theft deterrent system**
 - Immobilizer system72
 - Double locking system73
 - Alarm74

1
For safety and security

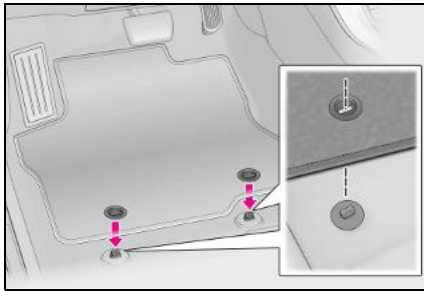
Before driving

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

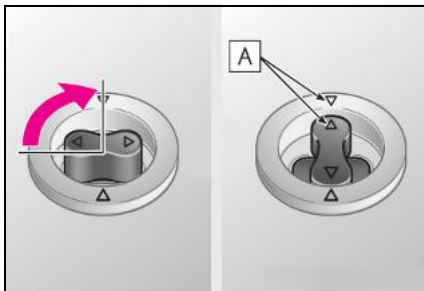
Installing floor mats

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 \triangle marks **A**.

The shape of the retaining hooks (clips) may differ from that shown in the illustra-

tion.

WARNING

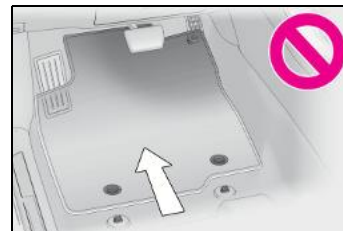
Observe the following precautions. Failure to do so may cause the driver's floor mat to slip, possibly interfering with the pedals while driving. An unexpectedly high speed may result or it may become difficult to stop the vehicle. This could lead to an accident, resulting in death or serious injury.

When installing the driver's floor mat

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

Before driving

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

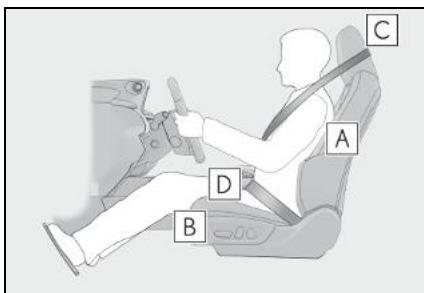


- With the EV system stopped and the shift position in P, fully depress each pedal to the floor to make sure it does not interfere with the floor mat.

For safe driving

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

Correct driving posture



- A** Adjust the angle of the seatback so that you are sitting straight up and so that you do not have to lean forward to steer. (→P.202)
- 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.202)
- C** Lock the head restraint in place with the center of the head restraint closest to the top of your ears. (→P.204)
- D** Wear the seat belt correctly. (→P.33)

! WARNING

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

- Do not adjust the position of the driver's seat while driving. Doing so could cause the driver to lose control of the vehicle.
- Do not place a cushion between the driver or passenger and the seatback. A cushion may prevent correct posture from being achieved, and reduce the effectiveness of the seat belt and head restraint.
- Do not place anything under the front seats. Objects placed under the front seats may become jammed in the seat tracks and stop the seat from locking in place. This may lead to an accident and the adjustment mechanism may also be damaged.
- Always observe the legal speed limit when driving on public roads.
- When driving over long distances, take regular breaks before you start to feel tired. Also, if you feel tired or sleepy while driving, do not force yourself to continue driving and take a break immediately.

Correct use of the seat belts

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

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

Adjusting the mirrors

Make sure that you can see the rear of the vehicle clearly, by adjusting the inside and outside rear view mirrors properly. (→P.207, 208)

Seat belts

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

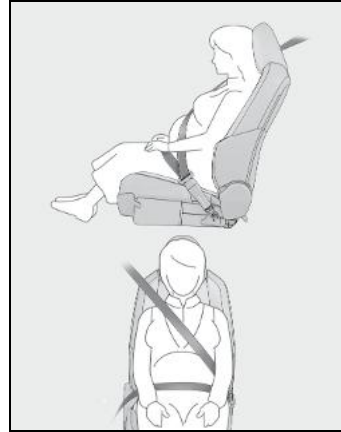
WARNING

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

■ Wearing a seat belt

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

■ Pregnant women



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

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

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

■ People suffering illness

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

■ When children are in the vehicle

→P.58

■ 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.

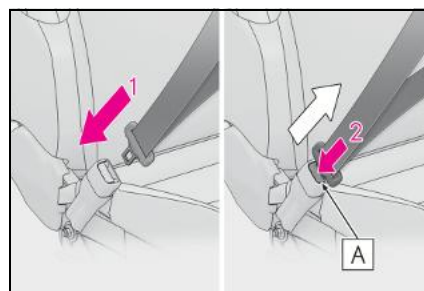
Child seat belt usage

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.46)
- When the child becomes large enough to properly wear the vehicle's seat belt, follow the instructions regarding seat belt usage. (→P.32)

Seat belt regulations

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

Fastening and releasing the seat belt

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

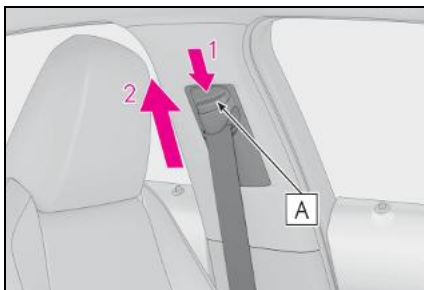
sound is heard.

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

■ **Emergency locking retractor (ELR)**

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

Adjusting the seat belt shoulder anchor height (front seats)



- 1 Push the seat belt shoulder anchor down while pressing the release button **A**.
- 2 Push the seat belt shoulder anchor up.

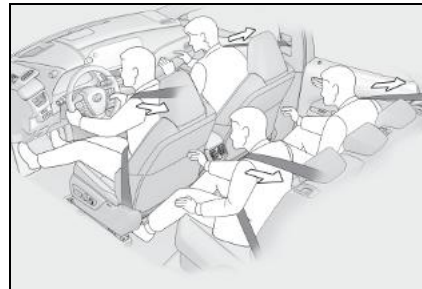
Move the height adjuster up and down as needed until you hear a click.

⚠ WARNING

■ **Adjustable shoulder anchor**

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

Seat belt pretensioners (front and outboard rear seats)



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

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

■ **Replacing the belt after the pretensioner has been activated**

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

■ **PCS-linked seat belt pretensioner control**

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

 **WARNING****■ Seat belt pretensioners**

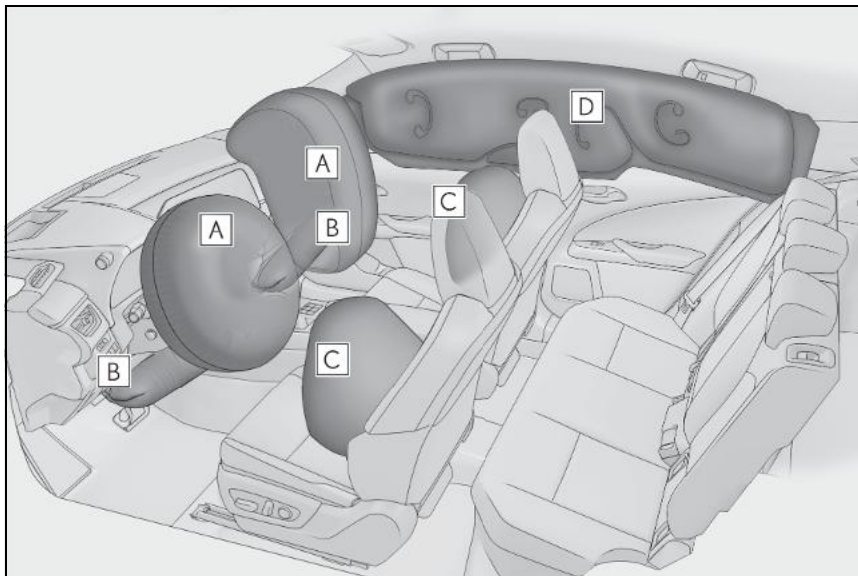
If the pretensioner has activated, the SRS warning light will come on. In that case, the seat belt cannot be used again and must be replaced at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer. Failure to do so may cause death or serious injury.

SRS airbags

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

SRS airbag system

■ Location of the SRS airbags



► SRS front airbags

A SRS driver airbag/front passenger airbag

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

B SRS knee airbags

Can help provide driver and front passenger protection

► SRS side and curtain shield airbags

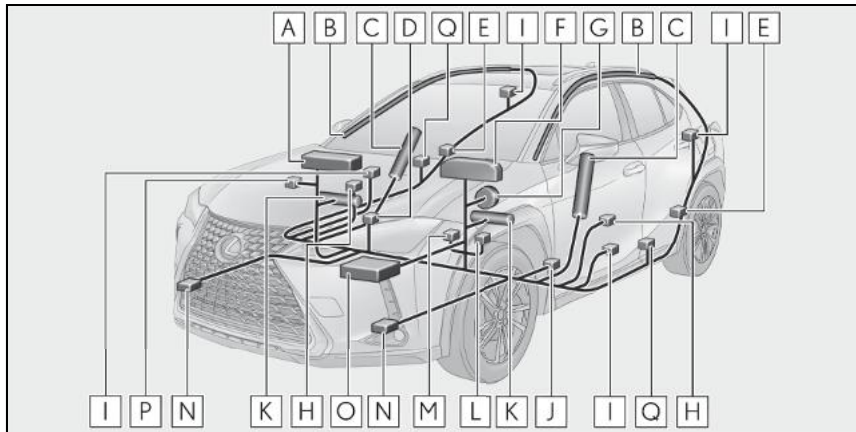
C SRS front side airbags

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** Side impact sensors (rear)
- F** SRS warning light
- G** Driver airbag
- H** Side impact sensors (front door)
- I** Seat belt pretensioners and force limiters
- J** Driver's seat position sensor
- K** Knee airbags
- L** Driver's seat belt buckle switch
- M** Front passenger's seat belt buckle switch
- N** Front impact sensors
- O** Airbag sensor assembly
- P** Airbag manual on-off switch
- Q** Side impact sensors (front)

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

tem is controlled by the airbag sensor assembly. As the airbags deploy, a chemical reaction in the inflators quickly fills the airbags with non-toxic gas to help restrain the motion of the occupants.

■ If the SRS airbags deploy (inflate)

- Slight abrasions, burns, bruising etc., may be sustained from SRS airbags, due to the extremely high speed deployment (inflation) by hot gases.
- A loud noise and white powder will be emitted.
- Parts of the airbag module (steering wheel hub, airbag cover and inflator) as well as the front seats, parts of the front and rear pillars, and roof side rails, may be hot for several minutes. The airbag itself may also be hot.
- The windshield may crack.
- The EV system will be stopped. (→P.86)
- All of the doors will be unlocked. (→P.181)
- The brakes and stop lights will be controlled automatically. (→P.328)
- The interior lights will turn on automatically. (→P.355)
- The emergency flashers will turn on automatically. (→P.420)
- 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.62)
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 may deploy in the event of a severe side collision.
- Both SRS curtain shield airbags may also deploy in the event of a severe frontal collision.

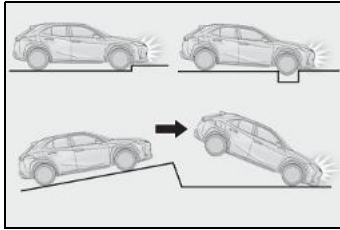
■ Conditions under which the SRS airbags may deploy (inflate), other than a collision

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

- Hitting a curb, edge of pavement or hard

surface

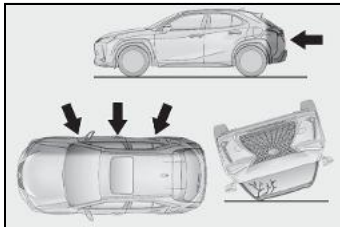
- Falling into or jumping over a deep hole
- Landing hard or falling



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

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

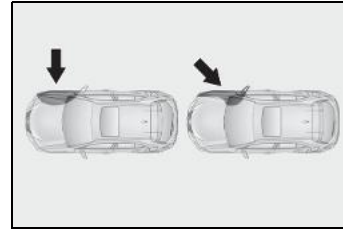
- Collision from the side
- Collision from the rear
- Vehicle rollover



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

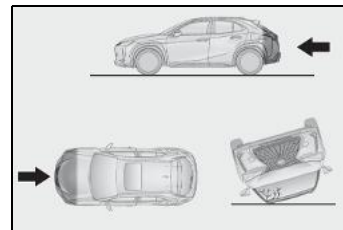
The SRS side and curtain shield airbags may not activate if the vehicle is subjected to a collision from the side at certain angles, or a collision to the side of the vehicle body other than the passenger compartment.

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



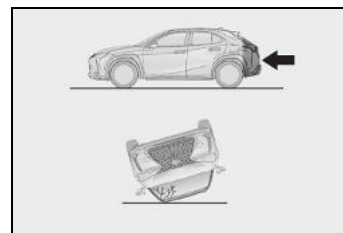
The SRS side airbags do not generally inflate if the vehicle is involved in a frontal or rear collision, if it rolls over, or if it is involved in a low-speed side collision.

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



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

- Collision from the rear
- Vehicle rollover

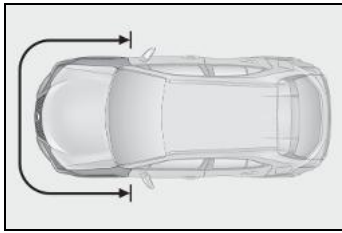


■ **When to contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer**

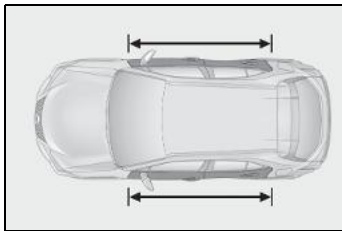
In the following cases, the vehicle will require inspection and/or repair. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer

as soon as possible.

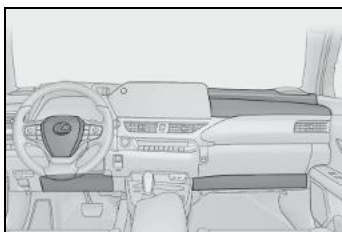
- Any of the SRS airbags have been inflated.
- The front of the vehicle is damaged or deformed, or was involved in an accident that was not severe enough to cause the SRS front airbags to inflate.



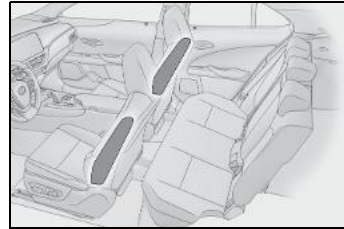
- A portion of a door or its surrounding area is damaged, deformed or has had a hole made in it, or the vehicle was involved in an accident that was not severe enough to cause the SRS side and curtain shield airbags to inflate.



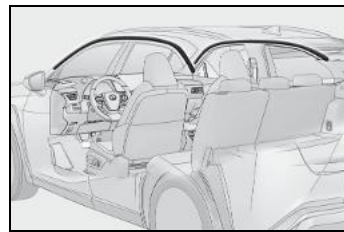
- The pad section of the steering wheel, dashboard near the front passenger air-bag or lower portion of the instrument panel is scratched, cracked, or otherwise damaged.



- 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.

WARNING

- The SRS driver airbag deploys with considerable force, and can cause death or serious injury especially if the driver is very close to the airbag. Since the risk zone for the driver's airbag is the first 50 - 75 mm (2 - 3 in.) of inflation, placing yourself 250 mm (10 in.) from your driver airbag provides you with a clear margin of safety. This distance is measured from the center of the steering wheel to your breastbone. If you sit less than 250 mm (10 in.) away now, you can change your driving position in several ways:

Move your seat to the rear as far as you can while still reaching the pedals comfortably.

Slightly recline the back of the seat. Although vehicle designs vary, many drivers can achieve the 250 mm (10 in.) distance, even with the driver seat all the way forward, simply by reclining the back of the seat somewhat. If reclining the back of your seat makes it hard to see the road, raise yourself by using a firm, non-slippery cushion, or raise the seat if your vehicle has that feature.

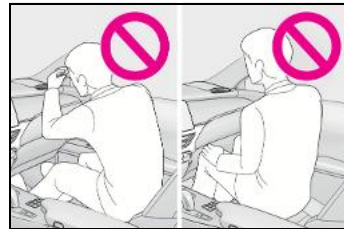
If your steering wheel is adjustable, tilt it downward. This points the airbag toward your chest instead of your head and neck.

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

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

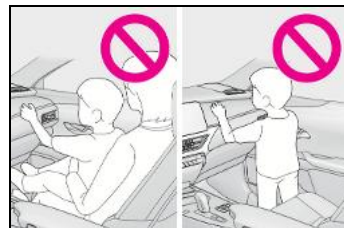
- Improperly seated and/or restrained infants and children can be killed or seriously injured by a deploying airbag. An infant or child who is too small to use a seat belt should be properly secured using a child restraint system. Lexus strongly recommends that all infants and children be placed in the rear seats of the vehicle and properly restrained. The rear seats are safer for infants and children than the front passenger seat. (→P.46)

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



- Do not allow a child to stand in front of the SRS front passenger airbag unit or sit on the knees of a front passenger.

- Do not allow the front seat occupants to hold items on their knees.



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

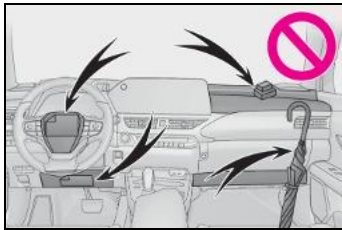


⚠ WARNING

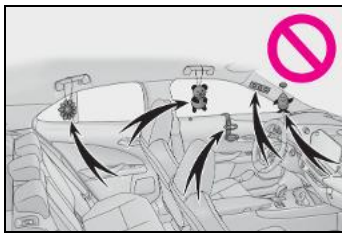
- Do not allow anyone to kneel on the passenger seat toward the door or put their head or hands outside the vehicle.



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



- Do not attach anything to areas such as a door, windshield, side window, front or rear pillar, roof side rail and assist grip. (Except for the speed limit label →P.444)



- Do not hang coat hangers or other hard objects on the coat hooks. All of these items could become projectiles and may cause death or serious injury, should the SRS curtain shield airbags deploy.
- If a vinyl cover is put on the area where the SRS knee airbag will deploy, be sure to remove it.
- Do not use seat accessories which cover the parts where the SRS side airbags inflate as they may interfere with inflation of the SRS airbags. Such accessories may prevent the side airbags from activating correctly, disable the system or cause the side airbags to inflate accidentally, resulting in death or serious injury.
- Do not strike or apply significant levels of force to the area of the SRS airbag components or the front doors. Doing so can cause the SRS airbags to malfunction.
- Do not touch any of the component parts immediately after the SRS airbags have deployed (inflated) as they may be hot.
- If breathing becomes difficult after the SRS airbags have deployed, open a door or window to allow fresh air in, or leave the vehicle if it is safe to do so. Wash off any residue as soon as possible to prevent skin irritation.
- If the areas where the SRS airbags are stored, such as the steering wheel pad and front and rear pillar garnishes, are damaged or cracked, have them replaced by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

**WARNING****■ Modification and disposal of SRS air-bag system components**

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

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

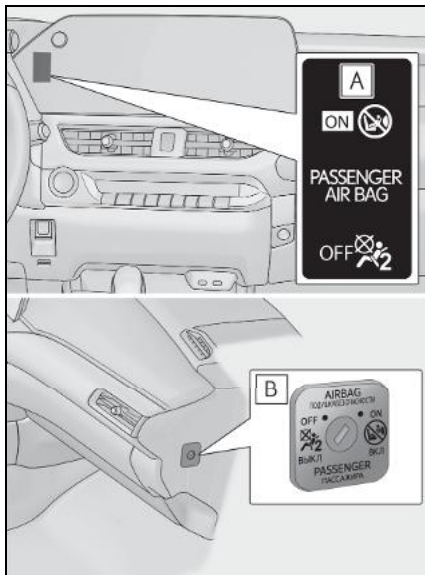
Airbag manual on-off system

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

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

System components

▶ Left-hand drive vehicles

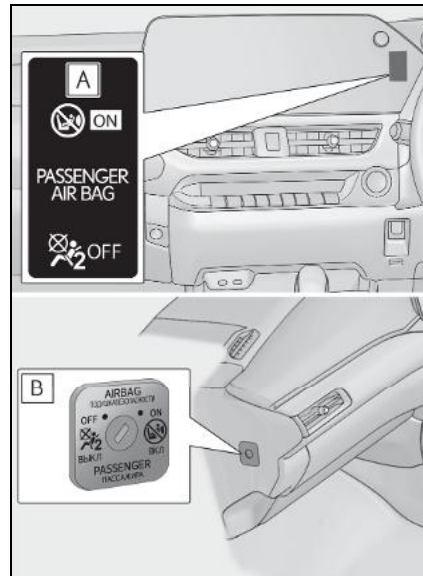


A PASSENGER AIR BAG indicator

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

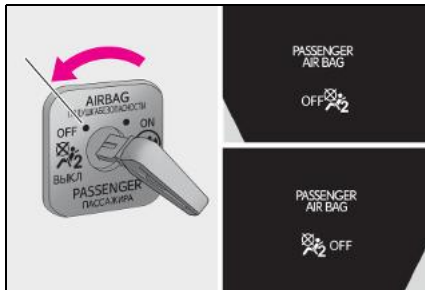
PASSENGER AIR BAG and ON indicator lights turn on when the airbag system is on, and about after 60 seconds they go off (only when the power switch is in ON).

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.183, 212)
- Do not let small children operate equipment which may catch or pinch body parts, such as the power window, hood, back door, seats, etc.

⚠ WARNING

■ When children are in the vehicle

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

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

Child restraint systems

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

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

Table of contents

Points to remember: P.46

When using a child restraint system: P.47

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

Child restraint system installation method: P.56

Fixed with a seat belt: P.57

Fixed with an ISOFIX lower anchorage: P.59

Using a top tether anchorage: P.60

Points to remember

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

WARNING

■ When a child is riding

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

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

⚠ WARNING

- Lexus strongly urges the use of a proper child restraint system that conforms to the weight and size of the child, installed on the rear seat. According to accident statistics, the child is safer when properly restrained in the rear seat than in the front seat.
- Holding a child in your or someone else's arms is not a substitute for a child restraint system. In an accident, the child can be crushed against the windshield or between the holder and the interior of the vehicle.

■ Handling the child restraint system

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

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

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

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

- Adjust the seatback angle to the most upright position.

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

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



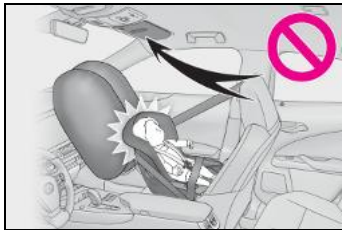
⚠ WARNING**■ When using a child restraint system**

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

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



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

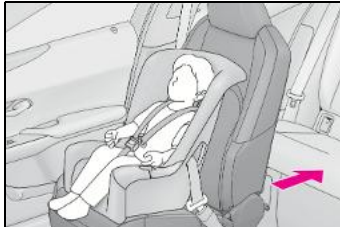


⚠ WARNING



⚠ WARNING

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



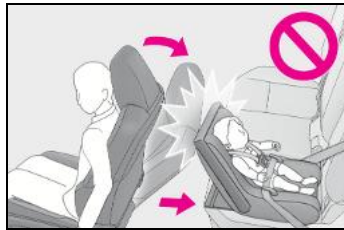
- Do not allow the child to lean his/her head or any part of his/her body against the door or the area of the seat, front or rear pillars, or roof side rails from which the SRS side airbags or SRS curtain shield airbags deploy even if the child is seated in the child restraint system. It is dangerous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



- When a junior seat is installed, always ensure that the shoulder belt is positioned across the center of the child's shoulder. The belt should be kept away from the child's neck, but not so that it could fall off the child's shoulder.
- Use a child restraint system suitable to the age and size of the child and install it to the rear seat.

⚠ WARNING

- If the driver's seat interferes with the child restraint system and prevents it from being attached correctly, attach the child restraint system to the right-hand rear seat (left-hand drive vehicles) or the left-hand rear seat (right-hand drive vehicles). (→P.55)

**Child restraint system compatibility for each seating position****■ Child restraint system compatibility for each seating position**

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

Also, the recommended child restraint system that is suitable for your child can be selected. Otherwise, check

Recommended child restraint systems information for recommended child restraint systems. (→P.55)

Check the selected child restraint system together with the following

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

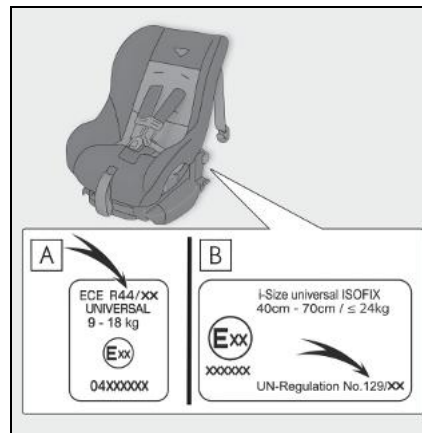
■ Before confirming the compatibility of each seating position with child restraint systems

- 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.

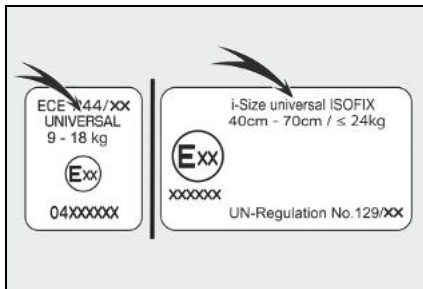
Check for an approval mark attached to the child restraint system.



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.

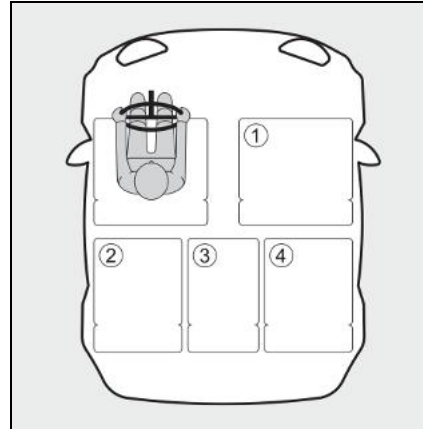
- 2** Check the category of the child restraint system.
Check the approval mark of the child restraint system for which of the following categories the child restraint system is suitable.
Also, if there are any uncertainties, check the user's guide included with the child restraint system or contact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



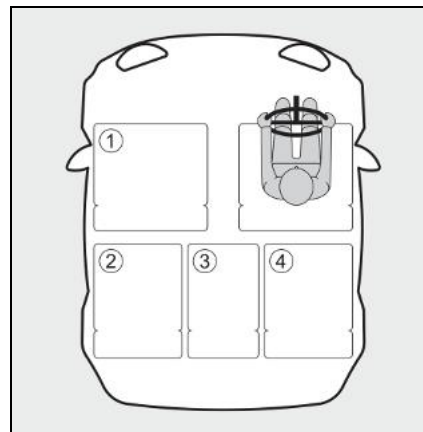
- *1: UN(ECE) R44 and UN(ECE) R129 are U.N. regulations for child restraint systems.
- *2: The child restraint systems mentioned in the table may not be available outside of the EU area.
- *3: The displayed mark may differ depending on the product.





Compatibility of each seating position with child restraint systems

▶ Left-hand drive vehicles



▶ Right-hand drive vehicles



<p>① *1,2,3</p>	
<p>② *3</p>	
<p>③ *3</p>	
<p>④ *3</p>	



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. 55).



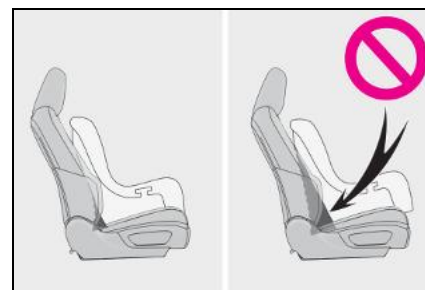
Suitable for i-Size and ISOFIX child restraint system.



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.



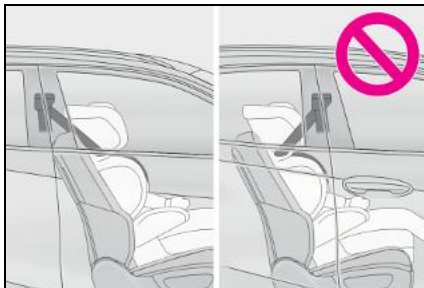
*3: If the head restraint interferes with your

child restraint system, and the head restraint can be removed, remove the head restraint.



Otherwise, put the head restraint in the upper most position.

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.



■ Detail information for child restraint systems installation

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

* : 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 (Carycot)
		G	L2	Right lateral-facing infant seat (Carycot)
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	
			fixed with lower anchorages	fixed with a seat belt
MAXI COSI CABRIOFIX	Up to 13 kg (Up to 28 lb.)	Rearward-facing use only	Not applicable	Yes
BRITAX TRIFIX 2 i-SIZE	76 to 105 cm	Forward-facing use only	Yes	Not applicable
	9 to 18 kg (20 to 39 lb.)			

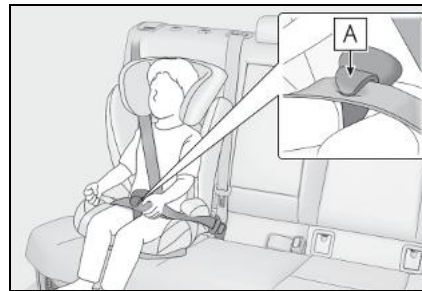
Recommended child restraint system	Size	Direction of travel	Fixation	
			fixed with lower anchorages	fixed with a seat belt
LEXUS KIDFIX i-SIZE*	100 to 150 cm	Forward-facing use only	Yes	No
	15 to 36 kg (34 to 79 lb.)			
LEXUS MAXI PLUS	15 to 36 kg (34 to 79 lb.)	Forward-facing use only	Yes	No

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

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.57
ISOFIX lower anchorage attachment		P.59
Top tether anchorage attachment		P.60

Child restraint system fixed with a seat belt

■ Installing child restraint system using a seat belt

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

If the child restraint system on hand is

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

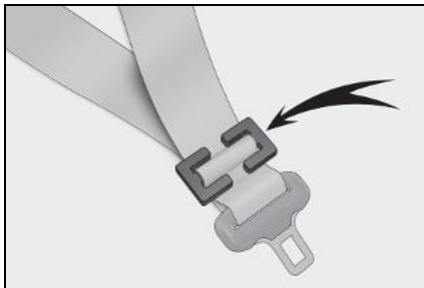
- 1 If installing the child restraint system to the front passenger seat is

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

- 2 If the head restraint interferes with the child restraint system and the head restraint can be removed, remove the head restraint. Otherwise, put the head restraint in the upper most position. (→P.204)
- 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.59)

■ 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.

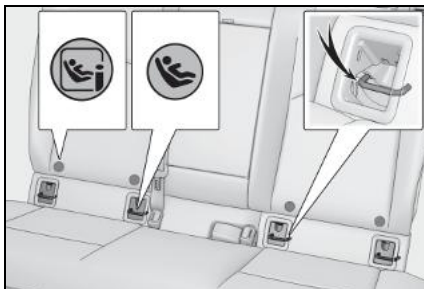
- Do not allow children to play with the seat belt. If the seat belt becomes twisted around a child's neck, it may lead to choking or other serious injuries that could result in death. If this occurs and the buckle cannot be unfastened, scissors should be used to cut the belt.

⚠ 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 (ISO-FIX child restraint system)**

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

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

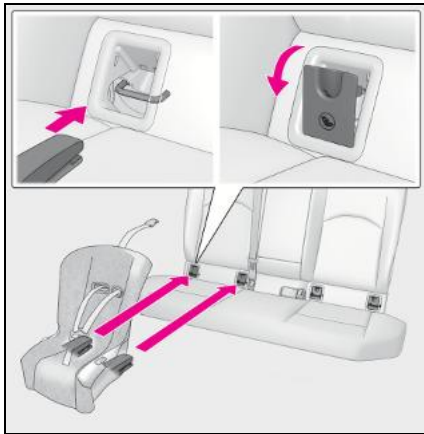
Install the child restraint system in accordance to the operation manual enclosed with the child restraint system.

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

- 1 If the head restraint interferes with the child restraint system and the head restraint can be removed, remove the head restraint. Otherwise, put the head restraint in the upper most position. (→P.204)

- 2 Remove the anchorage covers, and install the child restraint system to the seat.

The bars are installed behind the anchorage covers.



- 3 After installing the child restraint system, rock it back and forth to ensure that it is installed securely. (→P.59)

⚠ WARNING

■ When installing a child restraint system

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

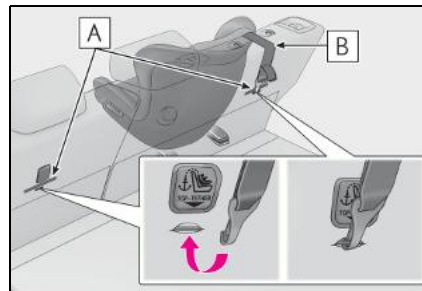
- After securing a child restraint system, never adjust the seat.
- When using the lower anchorages, be sure that there are no foreign objects around the anchorages and that the seat belt is not caught behind the child restraint system.
- Follow all installation instructions provided by the child restraint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

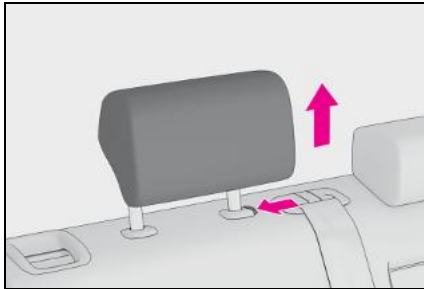
B Top strap

■ 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. Other-

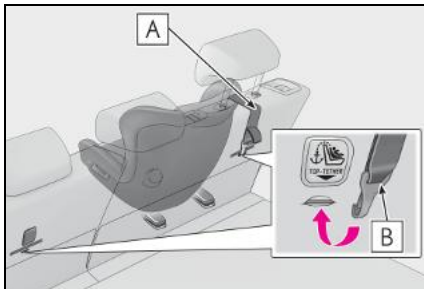
wise, put the head restraint in the upper most position. (→P.204)



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

Make sure the top strap is securely latched. (→P.59)

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.

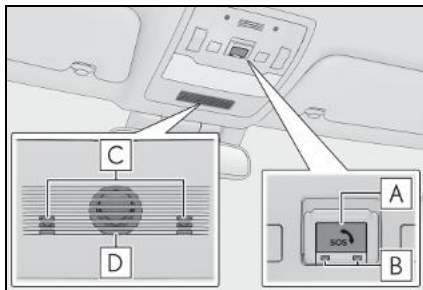
eCall^{*1, 2}

^{*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

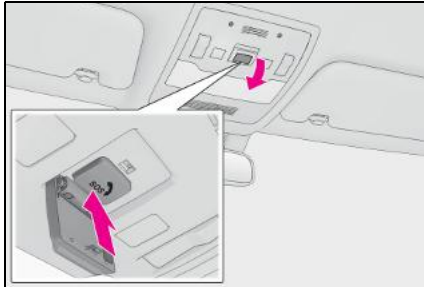
If any airbag deploys, the system is designed to automatically call the eCall control center.^{*} The answering operator receives the vehicle's location, the time of the incident and the vehicle VIN, and attempts to speak with the vehicle occupants to assess the situation. If the occupants are unable 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.63)

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.63)

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**

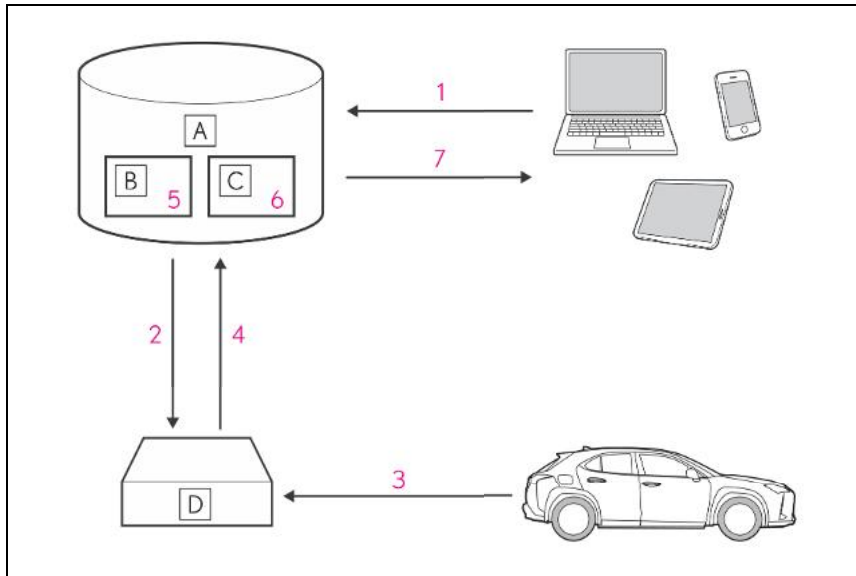
Do not pour any liquids onto the SOS button panel, etc. and do not impact it.

■ **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.70	○
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.65
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 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.65
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

Immobilizer system

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

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

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

Operating the system



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

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

System maintenance

The vehicle has a maintenance-free type immobilizer system.

Conditions that may cause the system to malfunction

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



NOTICE

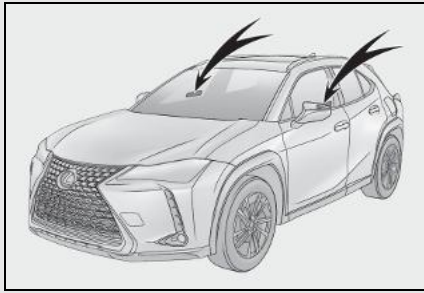
To ensure the system operates correctly

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

Double locking system

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

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



Setting/canceling the double locking system


■ Setting

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

Using the entry function:

Touch the sensor area on the outside door handle twice within 5 seconds.


Using the wireless remote control:

Press  twice within 5 seconds.

■ Canceling

Using the entry function: Hold the outside door handle.

Using the wireless remote control:

Press  .



WARNING

■ Double locking system precaution

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

Alarm*

*: If equipped

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

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

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

Setting/canceling/stopping the alarm system

■ Items to check before locking the vehicle

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

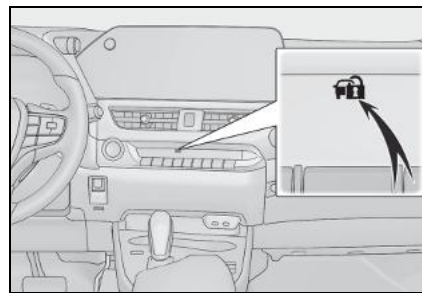
- Nobody is in the vehicle.

- The windows and moon roof (if equipped) are closed before the alarm is set.
- No valuables or other personal items are left in the vehicle.

■ Setting

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

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



■ Canceling or stopping

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

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

■ System maintenance

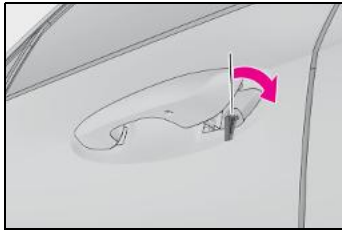
The vehicle has a maintenance-free type alarm system.

■ Triggering of the alarm

The alarm may be triggered in the following situations:

(Stopping the alarm deactivates the alarm system.)

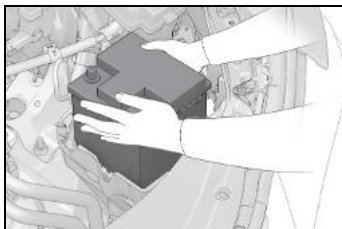
- The doors are unlocked using the mechanical key.



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



- The 12-volt battery is disconnected. (→P.459)



■ 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 (if equipped) and tilt sensor (if equipped)

■ The intrusion sensor and tilt sensor detection

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

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

■ Setting the intrusion sensor and tilt sensor

The intrusion sensor and tilt sensor will be set automatically when the alarm is set. (→P.74)

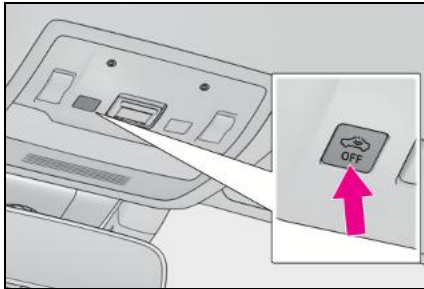
■ Canceling the intrusion sensor and tilt sensor

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

- 1 Turn the power switch off.
- 2 Press the intrusion sensor and tilt sensor cancel switch.

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

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



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

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

■ Intrusion sensor detection considerations

The sensor may trigger the alarm in the following situations:

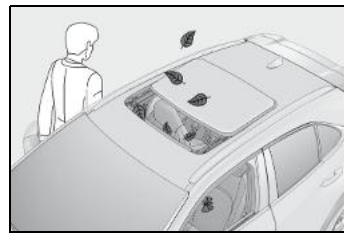
- People or pets are in the vehicle.



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

In this case, the sensor may detect the following:

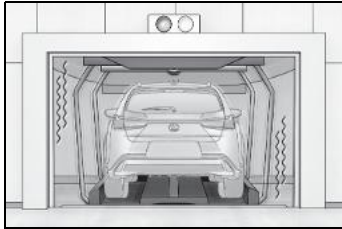
- Wind or the movement of objects such as leaves and insects inside the vehicle
- Ultrasonic waves emitted from devices such as the intrusion sensors of other vehicles
- The movement of people outside the vehicle



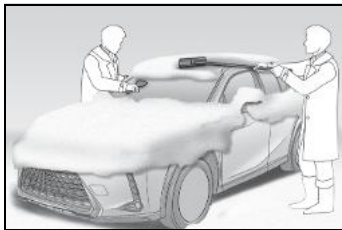
- Unstable items, such as dangling accessories or clothes hanging on the coat hooks, are in the vehicle.



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



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



- The vehicle is inside an automatic or high-pressure car wash.
- The vehicle experiences impacts, such as hail, lightning strikes, and other kinds of repeated impacts or vibrations.

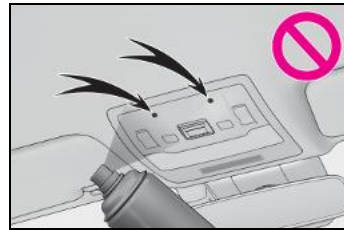
■ Tilt sensor detection considerations

The sensor may trigger the alarm in the following situations:

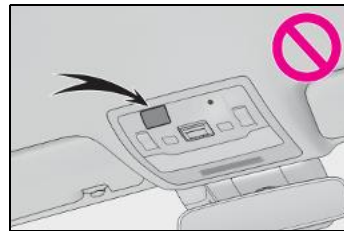
- The vehicle is transported by a ferry, trailer, train, etc.
- The vehicle is parked in a parking garage.
- The vehicle is inside a car wash that moves the vehicle.
- Any of the tires loses air pressure.
- The vehicle is jacked up.
- An earthquake occurs or the road caves in.
- Cargo is loaded onto or unloaded from the roof luggage carrier.

⚠ NOTICE

- To ensure the intrusion sensor functions correctly
- Do not spray air fresheners or other products directly into the sensor holes.



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



- Installing accessories other than genuine Lexus parts or leaving objects between the driver's seat and front passenger's seat may reduce the detection performance.
- Vehicles with entry function: The intrusion sensor may be canceled when the electronic key is near the vehicle.

2-1. Electric vehicle system

Electric Vehicle system features	80
Electric Vehicle system precautions.....	83
Battery Electric Vehicle driving tips	87
Driving range.....	89

2-2. Charging

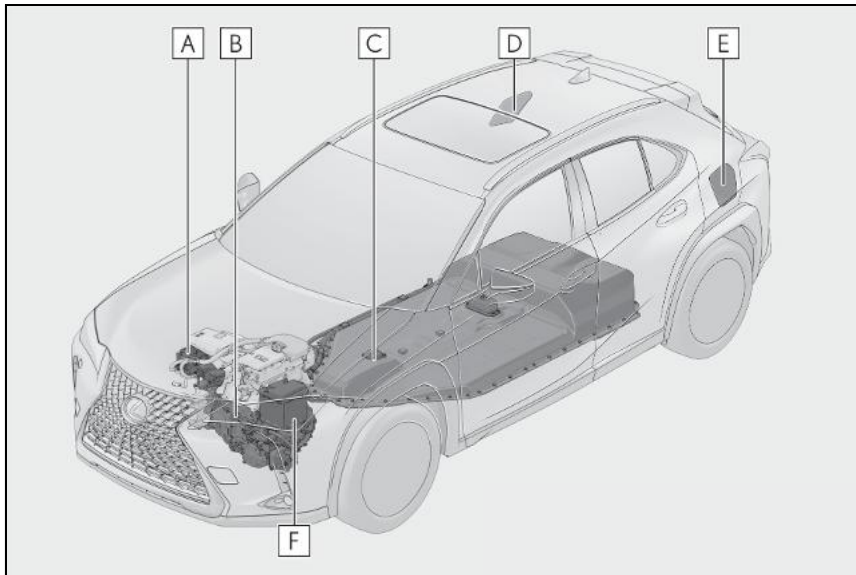
Charging equipment	91
AC charging cable.....	94
Locking and unlocking the AC charging port lid and AC charging connector	105
Power sources that can be used (AC charging).....	107
Charging methods	109
Charging tips	111
Things to know before charging	112
How to use AC charging.....	115
How to use DC charging.....	123
Using the charging schedule function (AC charging).....	128
Using My Room Mode.....	142
When charging cannot be performed normally	145

Electric Vehicle system features

Battery Electric Vehicles are considerably different from conventional vehicles.

They use electricity charged in a traction battery, to drive the electric motor. Since Battery Electric Vehicles are driven using electricity, they do not emit any emissions such as CO² (Carbon Dioxide) and NO_x (Nitrogen Oxides). Battery Electric Vehicles are environmentally friendly vehicles.

System components



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

- A** Onboard traction battery charger
- B** Electric motor (traction motor)
- C** Traction battery
Provides electricity to the electric motor.
- D** AC charging port
- E** DC charging port
- F** 12-volt battery

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

■ When braking (regenerative braking)

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

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

Charging

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

- Charging equipment (→P.91)
- AC charging cable (if equipped) (→P.94)
- Power sources that can be used (→P.107)
- Things to know before charging (→P.112)
- How to charge your vehicle (→P.115, 123)
- When charging cannot be performed normally (→P.145)

■ Regenerative braking

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

tion force can be obtained in conjunction with the recharging of the traction battery.

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

■ Charging the 12-volt battery

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

If the vehicle has not been used for a long time, the 12-volt battery may become low due to self-discharge. If this occurs, follow the correct procedures. (→P.457)

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

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

■ Charging the traction battery

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

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

■ If the traction battery becomes low

- If the traction battery becomes low, the traction battery charge warning light comes on or flashes and a message will be displayed on the multi-information display. (→P.432)
- If the traction battery is completely discharged, the EV system cannot be started and driving will not be possible. When the traction battery becomes low,

charge it as soon as possible.

■ Sounds and vibrations specific to a Battery Electric Vehicle

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

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

- The brake system operation sound may be heard from the front of the vehicle when the driver's door is opened.
- Motor sounds may be heard from the motor compartment.
- Electrical relay sounds may be heard from the motor compartment when the EV system starts or stops.
- Relay operating sounds such as a snap or soft clank will be emitted from the traction battery in the following situations:
When the EV system is started or stopped
When charging starts or completes
When the vehicle is driven the first time after the traction battery has been charged using DC charging
- Sounds may be heard due to regenerative braking when the brake pedal is depressed or as the accelerator pedal is released.
- Cooling fan operating sounds from the radiator and/or traction battery.
- The operation sound of the air conditioning system (air conditioning compressor, blower motor).

■ Maintenance, repair, recycling, and disposal

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

Acoustic Vehicle Alerting System

A sound which changes in accordance with the driving speed, will be played in order to warn people nearby of the vehicle's approach. This sound may be heard inside the vehicle. The sound will stop when the vehicle speed exceeds approximately 25 km/h (15 mph).

■ Acoustic Vehicle Alerting System

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

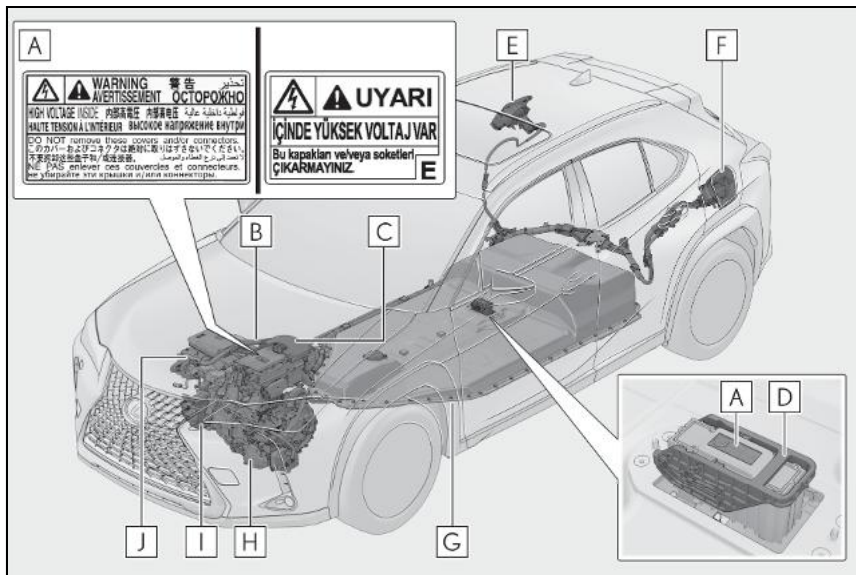
- In very noisy areas
- In the wind or the rain

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

Electric Vehicle system precautions

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

System components



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

- A** Warning label
- B** High voltage cables (orange)
- C** Power control unit and DC-DC converter
- D** Service plug
- E** AC charging inlet
- F** DC charging inlet
- G** Traction battery

- H** Electric motor (traction motor)
- I** Air conditioning compressor
- J** Onboard traction battery charger

■ Electromagnetic waves

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

■ Traction battery (Lithium-ion battery)

The traction battery has a limited service life.

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

This is a natural characteristic of lithium-ion battery, and is not a malfunction. Also, even though the driving range decreases when the traction battery capacity reduces, vehicle performance does not significantly become worse. In order to reduce the possibility of the capacity reducing, follow the directions listed on P.114, Capacity reduction of the traction battery .

■ Starting the EV system in an extremely cold environment

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

■ Declaration of conformity

This model conforms to hydrogen emissions according to regulation ECE100 (Battery Electric Vehicle safety).

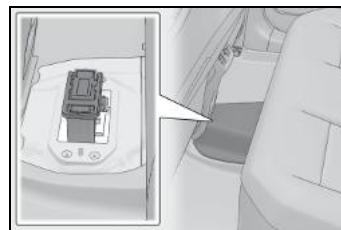
! WARNING

■ High-voltage precautions

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

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

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



**WARNING****■ Road accident cautions**

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

- Stop the vehicle in a safe place to prevent subsequent accidents. While depressing the brake pedal, apply the parking brake and shift the shift position to P to stop the EV system. Then, slowly release the brake pedal.
- Do not touch the high voltage parts, cables (orange) and connectors.
- If electric wires are exposed inside or outside your vehicle, an electric shock may occur. Never touch exposed electric wires.
- Do not touch the traction battery if liquid is leaking from or adhered to it. If electrolyte (Organic Carbonate-based electrolyte) from the traction battery comes into contact with the eyes or skin, it could cause blindness or skin wounds. In the unlikely event that it comes into contact with the eyes or skin, wash it off immediately with a large amount of water, and seek immediate medical attention.
- If electrolyte is leaking from the traction battery, do not approach the vehicle. Even in the unlikely event that the traction battery has been damaged, the internal construction of the battery will prevent a large amount of electrolyte from leaking out. However, if electrolyte leaks, vapors will be emitted. These vapors are an irritant to skin and eyes and could cause acute poisoning if inhaled.
- Do not bring burning or high-temperature items close to the electrolyte. The electrolyte may ignite and cause a fire.

- If a fire occurs in the Battery Electric Vehicle, leave the vehicle as soon as possible. Never use a fire extinguisher that is not meant for electrical fires. Using even a small amount of water may be dangerous.

- If your vehicle needs to be towed, be sure to transport the vehicle with the front wheels raised. If the vehicle is towed with the front wheels which are connected to the electric motor (traction motor) contacting the ground, electricity generated by the operation of the motor may cause a fire to occur depending on the nature of the damage or malfunction. (→P.423)

- Carefully inspect the ground under the vehicle. If leaked liquid (other than water from the air conditioning) is found on the ground, the traction battery may have been damaged. Leave the vehicle as soon as possible. In addition, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer with regard to the leakage found on the ground.

■ Traction battery

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

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

⚠ WARNING

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

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

■ Caution while driving

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

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

■ Modifications

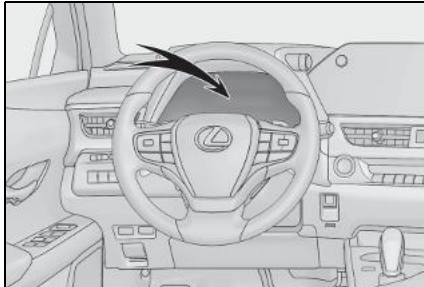
Do not modify to lower the height of the vehicle. The traction battery in the under floor area may come into contact with the ground when the height of vehicle is lowered. If the traction battery is damaged, a vehicle fire may occur, possibly resulting in death or serious injury.

Emergency shut off system

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

Warning message

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



If a warning message is shown on the multi-information display, read the message and follow the instructions. (→P.153, 436)

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

The EV system may not start.

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

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

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

Battery Electric Vehicle driving tips

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

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

Shift position operation

Shift the shift position to D when stopped at a traffic light, or driving in heavy traffic etc. Shift the shift position to P when parking. When shifting the shift position to N while driving, there is no positive effect on electricity consumption. In the N, the traction battery cannot be charged. Also, when using the air conditioning system, etc., the traction battery electricity is consumed. (→P.230)

Delays

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

Use of EV System Indicator

Keeping the EV System Indicator within Eco area can help minimize consumption of the traction battery, allowing the vehicle to drive in an Eco-friendly manner. (→P.164, 173)

When braking

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

Highway (or freeways) driving

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

regenerated when slowing down.

Air conditioning

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

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

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

- Lexus Climate Concierge allows automatic air-conditioning control to maintain a comfortable condition, helping minimize unnecessary electricity consumption. (→P.340)
- When using the Remote Air Conditioning System (→P.349) while the AC charging cable is connected to the vehicle, electricity consumption immediately after starting off will be reduced because air conditioning is operated mainly using electricity from an external power source.
- When setting the charging schedule, selecting Departure charging mode and setting Climate Prep to ON, electricity consumption immediately after starting off can be reduced because air conditioning is operated to adjust the cabin temperature in advance and match it with the departure time. (→P.128)

Checking tire inflation pressure

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

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

Luggage

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

Driving range

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

Displayed value

A value for which a sufficient level of driving performance can be provided is estimated based on the remaining charge of the traction battery, the state of the traction battery, the outside temperature, etc. and is displayed on the multi-information display. (→P.167)

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

Tips for extending the driving range

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

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

- Maintain a safe distance from the

vehicle in front and avoid unnecessary acceleration and deceleration

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

Display when charging is completed

The followings indicate that charging has been carried out properly.

- The AC charging indicator turns off
- Charging complete is displayed on the multi-information display when a door is opened while the power switch is off. (→P.112)

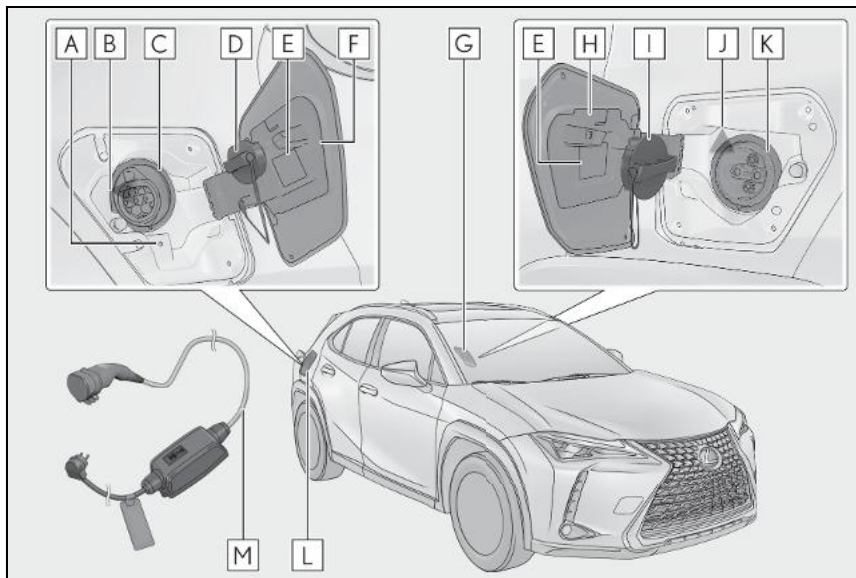
Regardless of the type of power source or whether the charging schedule function is used, charging is completed if the above can be confirmed.

Charging-related messages: →P.153

Charging equipment

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

Charging components



- A** AC charging indicator (→P.93)
- B** AC charging inlet light
- C** AC charging inlet
- D** AC charging inlet cap
- E** Caution label/identification label (→P.96)
- F** AC charging port lid (→P.92)
- G** DC charging port
- H** DC charging port lid (→P.92)
- I** DC charging inlet cap
- J** DC charging inlet light
- K** DC charging inlet

L AC charging port

M AC charging cable (if equipped) (→P.94)

Opening/closing the charging port lids

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

■ **Open**

Unlock the charging port lid by unlocking the doors. (→P.180)

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

Fully open the charging port lid by hand.

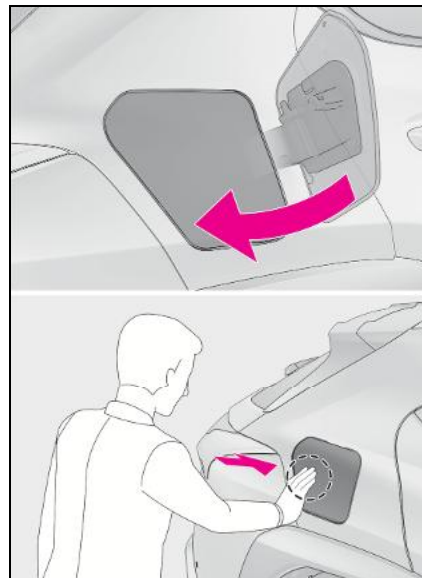


■ **Close**

Move the charging port lid to the slightly open position and then press

the rear edge (the position shown in the illustration) to close it.

Charging port lid also locks when the doors are locked.



■ **The charging port lids will be locked when**

- In the following cases, the charging port lid will be locked.
 - The doors are locked with the wireless remote control
 - The doors are locked with the smart entry & start system
 - The doors are locked with the mechanical key
- The charging port lids will automatically be locked if none of the doors and neither of the charging port lids are opened after they have been unlocked.
- If the charging port lid is closed after the doors are locked, the charging port lid will not be locked. In that case, after

unlocking the doors once, the charging port lid can be locked by locking the doors.

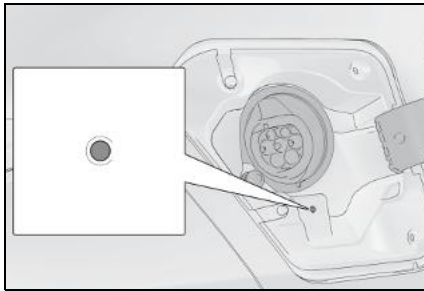
- The DC charging port lid will be locked when the AC charging connector is locked.

■ **When the charging port lids cannot be opened**

→P.453

AC charging indicator

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



Indicator condition	Vehicle condition
Illuminated	<ul style="list-style-type: none"> ● AC charging is in progress ● AC charging is possible ● Traction battery heater (→P.109) is operating ● Traction battery cooler (→P.110) is operating
Flashes normally *	Charging schedule is registered (→P.128) and AC charging cable is connected

Indicator condition	Vehicle condition
Flashes rapidly *	AC charging cannot be performed due to power source or vehicle malfunction. (→P.145)
Not illuminated	<ul style="list-style-type: none"> ● AC charging connector is not connected to AC charging inlet ● Charging schedule (→P.128) is on standby ● AC charging is completed

* : Flashes for a certain period of time

■ AC charging indicator

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

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

AC charging cable *

*: If equipped

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

WARNING

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

Observe the following precautions.

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

- Do not attempt to disassemble or repair the AC charging cable, AC charging connector, plug or CCID (Charging Circuit Interrupting Device). If a problem arises with the AC charging cable or the CCID (Charging Circuit Interrupting Device), stop charging immediately and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- Do not drop or subject the AC charging cable, AC charging connector, plug or CCID (Charging Circuit Interrupting Device) to strong impact.
- Do not apply excessive force to the AC charging cable by forcefully folding, twisting, pulling or dragging the AC charging cable.
- Do not damage the AC charging cable with sharp objects.
- Do not bend the terminals of the AC charging connector or plug or attach anything to them.
- Do not put the AC charging connector and plug in water.

- Do not bring the AC charging cable near objects which generate heat, such as a heater.
- Do not wrap the plug-cord or AC charging cable around the AC charging connector, CCID (Charging Circuit Interrupting Device), etc., as doing so may damage the cable.
- Do not use the AC charging cable if excessive load is applied to the plug or power electrical socket, such as if the CCID (Charging Circuit Interrupting Device) is left hanging, etc.

NOTICE

■ Precautions when handling the AC charging cable

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

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

■ Handling the AC charging cable and related parts

→P.115

 NOTICE

■ Precautions for when the ambient temperature is low

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

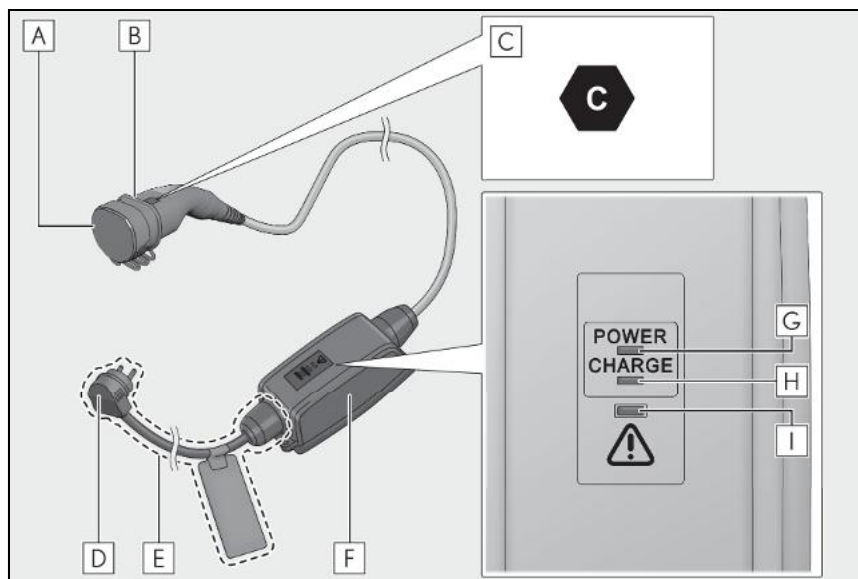
■ Precautions for when using the plug-cord

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

2

Electric Vehicle system

AC charging cable components







- A** AC charging connector cap
- B** AC charging connector
- C** Identification label
- D** Plug

- E** Plug-cord
- F** CCID (Charging Circuit Interrupting Device)
- G** Power indicator (→P.97)
- H** Charging indicator (CCID) (→P.97)
- I** Error warning indicator (→P.97)

■ Caution labels/identification labels

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

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

Caution label/identification label	Supply type	Standard	Configuration	Type of accessory	Voltage range
	AC	EN 62196-2	TYPE 2	<ul style="list-style-type: none"> •Charging port lid •Charging connector 	≤ 480V RMS
	AC	EN 62196-2	TYPE 2	<ul style="list-style-type: none"> •Charging plug •Charger 	≤ 480V RMS
	DC	EN 62196-3	FF	<ul style="list-style-type: none"> •Charging port lid •Charging connector 	50V to 500V
	DC	EN 62196-3	AA	<ul style="list-style-type: none"> •Charging port lid •Charging connector 	50V to 500V

■ Grounding

This product must be grounded. In case of malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This

product is equipped with a grounding conductor and a grounding plug. The grounding plug must be plugged into an appropriate socket that is properly installed and grounded in accordance with all local codes and ordinances.

⚠ WARNING**■ Grounding precautions**

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

Safety functions

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

■ Electrical leakage detection function

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

If the power source is isolated, the error warning indicator will flash. If the power source is isolated: →P.98

■ Automatic check function

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

If a malfunction of the electrical leakage detection function is detected as a result of the check, the error warning indicator will flash. (→P.98)

■ Temperature detection function

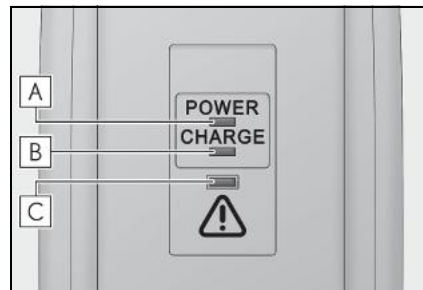
The plug has a temperature detection function. While charging, if heat is generated due to the plug being loose in the electrical socket, etc., this function cancels charging to reduce generation of heat.

■ Current supply control function

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

CCID (Charging Circuit Interrupting Device) indicators**■ Indicator operation**

Three indicators are used to indicate the following conditions.

**A** Power indicator

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

B Charging indicator (CCID)

Illuminates when charging is in progress.

C Error warning indicator

Flashes when electrical leakage is

detected or a malfunction occurs in the Device).
CCID (Charging Circuit Interrupting

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

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

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

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

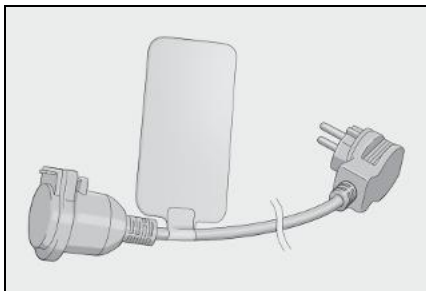
Status	Power indicator	Error warning indicator	Details/Correction procedure
Charging system malfunction	Not illuminated	Not illuminated or illuminated	Charging may have been interrupted due to electrical leakage being detected, or the AC charging cable may be malfunctioning. → Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer
	Illuminated	Flashes	
Plug temperature detection malfunction	Flashes	Flashes	The temperature detection portion of the plug may be malfunctioning. → Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer
Excessively high plug temperature	Flashes	Not illuminated	The plug may not be properly connected to the electrical socket. → Check that the plug is securely connected to the electrical socket.

Status	Power indicator	Error warning indicator	Details/Correction procedure
AC charging cable life span notice	Illuminated	Flashes	The number of times that the AC charging cable has been used is nearing the end of the charging cable's usable life span. → Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer
AC charging cable life span over	Illuminated	Illuminated	The maximum number of times that the AC charging cable can be used has reached. → Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer

Replacing the plug-cord

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

- 1 Prepare the AC charging cable (→P.95) and the replacement plug-cord.

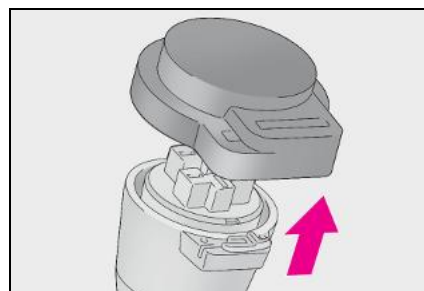


- 2 Pull out the release key.
Make sure that the pulled out release key is

not lost.

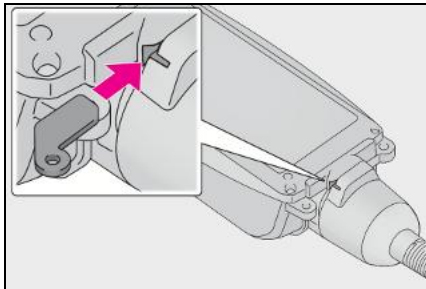


- 3 Remove the plug-cord connector cap.



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

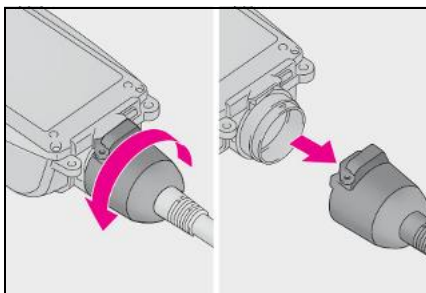
Insert the release key in the direction shown in the illustration.



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

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

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

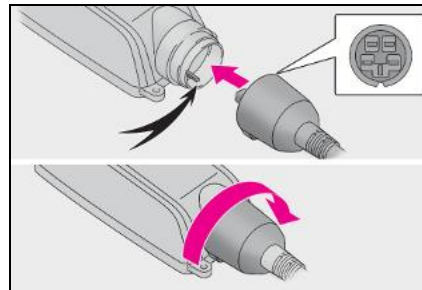


- 6 Align the protrusion of the CCID (Charging Circuit Interrupting Device), with the groove of the plug-cord, insert the plug-cord into

the CCID (Charging Circuit Interrupting Device), and then turn the plug-cord connector nut of the plug-cord to install it.

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

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



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

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

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

⚠ WARNING

■ When replacing the plug-cord (if equipped)

Check the following points regularly. Failure to do so may cause an unexpected accident, resulting in death or serious injury.

⚠ WARNING

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

⚠ NOTICE**■ Precautions for the plug-cord (if equipped)**

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

Inspecting the AC charging cable

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

⚠ WARNING**■ Routine inspection**

Check the following points regularly.

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

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

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

■ Maintaining the AC charging cable

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

⚠ WARNING

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

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





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








Appendix



■ **Rating**

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



■ **Warning symbols**

	This device is for use with Battery Electric Vehicles. (This device does not require ventilation)
	Do not attempt to disassemble or repair the AC charging cable, charging connector, plug or CCID (Charging Circuit Interrupting Device).
	There may be a risk of electrical shock when using this device improperly.
	If the plug, charging connector or CCID (Charging Circuit Interrupting Device) is abnormally hot during use, unplug it immediately.




	<p>Connecting the AC charging cable to an extension cord is strictly prohibited.</p>
	<p>Do not connect the device to a socket that is loose, worn, or broken. Ensure the plug fits the socket tightly.</p>
	<p>When the plug is used with a rain-tight socket for outdoor use, protect the plug and socket from rain and snow by using a rain-tight cover.</p>
	<p>Do not immerse the plug or cord in water or other liquid. Do not expose the plug to rain and snow.</p>
	<p>To reduce the risk of electric shock, connect only to a properly grounding type socket.</p>
	<p>Do not hang the CCID (Charging Circuit Interrupting Device) on the plug. Ensure the CCID (Charging Circuit Interrupting Device) is supported.</p>
	<p>Do not subject the AC charging cable, charging connector, plug or CCID (Charging Circuit Interrupting Device) to strong force or impact.</p>

	Do not place heavy objects on the AC charging cable, charging connector, plug or CCID (Charging Circuit Interrupting Device).
	Do not use this device if the AC charging cable is frayed, has broken insulation, or any other signs of damage.

■ **Caution symbols**

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

■ **Information symbols**

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

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

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

Opening the AC charging port lid

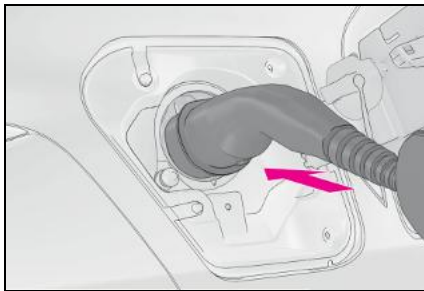
→P.92

Connecting and disconnecting the AC charging connector

■ Connecting

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

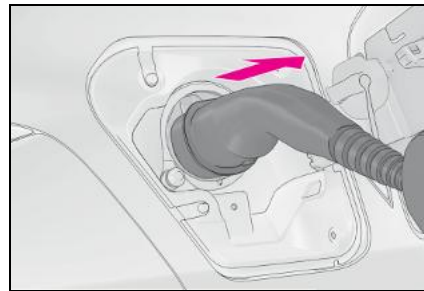
The AC charging connector will be locked automatically when it is connected to the AC charging inlet.



■ Disconnecting

- 1 Unlock the AC charging connector by unlocking the doors. (→P.180)

- 2 Pull the AC charging connector straight out.



■ AC charging connector lock function

- If the AC charging connector is connected and disconnected repeatedly, the AC charging connector lock function may temporarily not work to protect the system. In this case, wait a short time before connecting the AC charging connector to the AC charging inlet again.
- The AC charging connector lock function does not guarantee to prevent theft of the AC charging cable and is not necessarily effective for all the situations.
- If the AC charging connector is locked with the doors unlocked, the AC charging connector can be unlocked with the following procedures:
Using wireless remote control: Press the unlock button to unlock the doors. (→P.180)
Using smart entry & start system: After locking the doors once, unlock them again. (→P.180)

■ Security feature

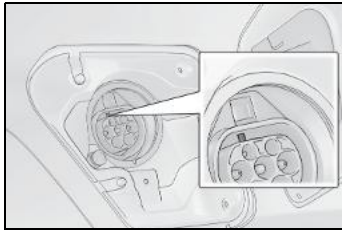
If an AC charging connector is not disconnected within approximately 30 seconds after the AC charging connector is unlocked, the security feature automatically locks the AC charging connector again.

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

Check that the connector lock pin is not extended.

If the connector lock pin is extended, the

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

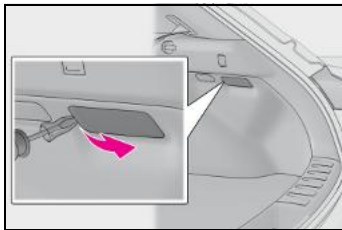


■ If the AC charging connector cannot be unlocked using the normal procedure

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

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

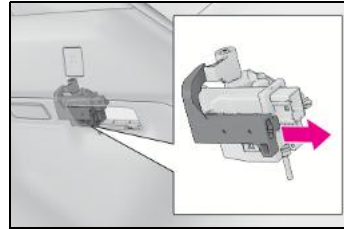
- 1 Remove the cover inside the luggage compartment by inserting a flathead screwdriver.



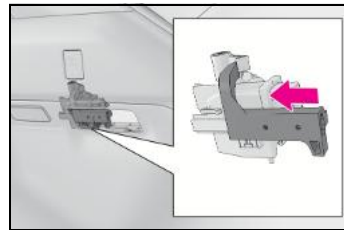
- 2 Pull the emergency release lever in the direction shown in the illustration.*

The AC charging connector is unlocked and can be removed.

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



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



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

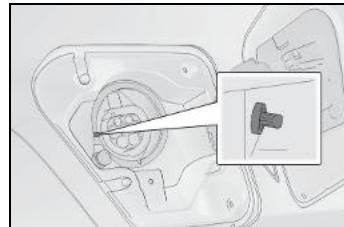
⚠ WARNING

■ When connecting the AC charging connector to the charging inlet

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

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

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



**NOTICE****■ When locking the AC charging connector**

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

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

Power sources that can be used (AC charging)

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

Confirm this before charging.

**WARNING****■ Warnings for electrical faults**

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

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

2

Electric Vehicle system

Power sources

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

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

*: For detailed information, consult an electrician.

■ Charging environment

To ensure safe charging, the following equipment is recommended.

● Raintight socket

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

● Dedicated circuit

To reduce the risk of fire, connect the AC charging cable to an at least 13 A branch circuit with an overcurrent protection.

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

● Remote switch

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

⚠ WARNING

■ Power source precautions

Observe the following precautions.

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

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

Charging methods

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

AC charging (→P.115)

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

The charging start time (or departure time) and day can be set to carry out charging using the schedule at the desired date and time. (→P.128)

DC charging (→P.123)

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

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

Charging-linked functions

This vehicle includes several functions that are linked with charging.

■ My Room Mode (→P.142)

When the charging cable is connected to the vehicle, electrical components such as the air conditioning system and audio system can be used by the

power supply from an external power source*.

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

■ Traction battery heater

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

- The operation of this function is stopped automatically when the charging cable is disconnected or if the charging cable is left connected to the vehicle for approximately 3 days.
- When the charging schedule is used (→P.128), this function will operate according to the schedule settings.

■ Traction battery warming control

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

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

■ Traction battery cooler

When the traction battery is hot and the AC charging cable is connected to the vehicle, this function cools the traction battery to protect it before AC charging is performed.

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

■ Traction battery heater

- Traction battery heater may operate when charging is not being performed.
- When Traction battery heater is operating, the charging indicator will illuminate.
- When Traction battery heater is operating during charging, the charging may take longer than normal.
- The remaining charge of the traction battery declines when the traction battery heater operates, it might be necessary to recharge the traction battery again in order to supplement the remaining charge.

■ Traction battery cooler

- For AC charging: Traction battery cooler settings can be changed on the multi-information display. (→P.110)
- The AC charging indicator will illuminate when the traction battery cooler is on standby or operating.
- When the charge level of the traction battery is low, the traction battery cooler may not operate, even if the temperature of the traction battery is high.
- When the following conditions are met while the traction battery cooler is operating, the cooling operation will stop.
 - The hood is opened
 - The power switch is turned to ACC or ON.
 - The shift position is changed to any position other than P










The Remote Air Conditioning System is operated (→P.349)

Charge Now is turned on (→P.134, 141)

The remaining charge of the traction battery drops below a certain amount

- The traction battery cooler operates using power supplied by the traction battery and an external power source. While the traction battery cooler is operating, the charge of the traction battery will increase and decrease within a certain range, and will not increase as during AC charging. When the traction battery cooler operates, charger will recognize it as the battery being charged. If this function operates while a charger which charges a charging fee is connected to the vehicle, AC charging fees will apply.

■ Changing of the traction battery cooler setting

- 1 Press  or  of the meter control switches and select  on the multi-information display.
- 2 Press  or  of the meter control switches and select Vehicle Settings , and then press OK .
- 3 Press  or  of the meter control switches and select Charging Settings , and then press OK .
- 4 Press  or  of the meter control switches and select Battery Cooler , and then press OK .
- 5 Select On or Off , and then press OK .

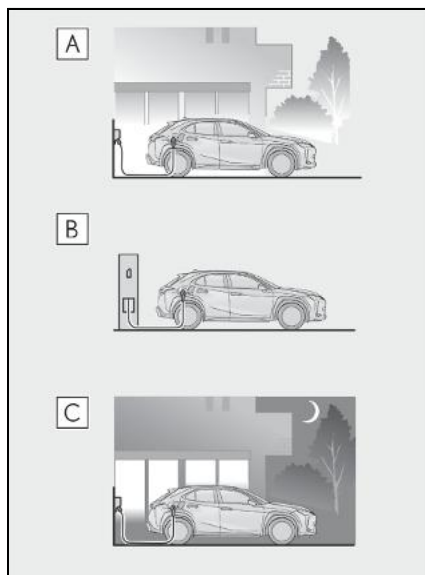
When selecting Off , the traction battery output may be restricted depending on the driving situation.

Charging tips

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

Systematically charging

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



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

The charging schedule function (→P.128) can be used to set the system to automatically fully charge the traction battery before your desired departure time. It is also possible to set the air conditioning to make the interior in a comfortable state

before your desired departure time.

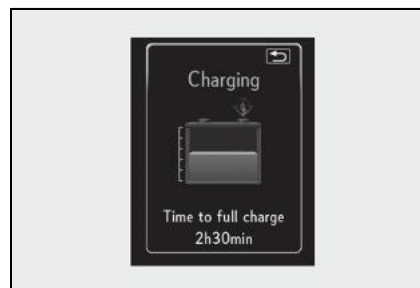
- B** On the way to the destination or at the destination
When the remaining charge of the traction battery gets low, recharge the battery at the nearest charging station.
- C** After returning home
In order to drive the next time, charge the traction battery.

Settings the charging schedule allows you to charge the traction battery at the desired time such as late at night or early in the morning. Furthermore, the charging schedule can be set to automatically charge the traction battery every day or at the same time on certain days. (→P.128)

Checking information related to charging

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

■ While charging



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

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

■ After charging is complete

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

When a message is displayed, follow the instructions displayed on the multi-information display. (→P.153)

Things to know before charging

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

■ Charging current

The maximum current for the AC charging is 32 A. However, the charging current may become smaller than 32 A depending on the maximum current of the AC charger.

■ Safety functions

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

WARNING

■ Caution when charging

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

- Do not approach the onboard traction battery charger, or charging cable while charging is being performed. Charging may affect the operation of pacemakers.

⚠ WARNING

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

■ When the charging cable is connected to the vehicle

Do not operate the shift position.

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

Charging precautions

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

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

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

To perform charging correctly, read the

precautions and then follow the charging procedures. Charging should only be performed by adults which properly understand the charging procedures.

- Do not allow people who is not used to charging, such as children, to perform charging without supervision. Also, keep the charging cable out of reach of infants.
- When charging with a charger, make sure to follow the correct procedures for using each charger.
- When charging using a public charging station, check the setting of the charging schedule function.

If the charging schedule is set to ON, make sure to set it to OFF or Charge Now function to ON before using a public charging station. (→P.134, 141)

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

Confirm the following before charging

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

- The parking brake is set. (→P.236)
- The headlights the emergency flashers and interior lights, etc., are switched off.

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

- The power switch is OFF.
(→P.226)

Inspecting the AC charging cable

Before performing charging, make sure that each part of the AC charging cable is in good condition. (→P.94)

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

AC charging and DC charging cannot be conducted simultaneously.

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

■ Capacity reduction of the traction battery

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

- Avoid parking the vehicle in high temperature areas, under direct sunlight when the traction battery is fully charged.
- Avoid accelerating and decelerating frequently and suddenly.
- Avoid frequent driving at high speed.
- Use the charging schedule function as much as possible in order to fully charge the traction battery before starting off. (→P.128)
- Avoid frequent DC charging

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

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

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

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

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

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

■ When the charging amount to the traction battery decreases

When the charging power to the traction battery becomes low due to the use of the air conditioner or the operation of the traction battery heater, the charging amount to the traction battery or the remaining charge of the traction battery may decrease.

■ Charging time may increase when

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

- When the ambient temperature is hot or cold.
- When the vehicle is consuming a lot of electricity, for example, when the headlights have been left on, etc.

- When using My Room Mode.
- When a power outage occurs during charging.
- When the power supply is interrupted.
- When the voltage of the external power source drops.
- When the charge level of the 12-volt battery is low, such as when the vehicle has not been started or charged for a long period of time.
- When the upper limit of charging current is changed in the charging current setting of the vehicle. (→P.119)
- When the traction battery heater operates.
- When the traction battery cooler is operated before charging. (→P.110)
- When there is a problem with the terminal connections of the electrical socket.
- When the traction battery temperature becomes high immediately after high-load driving.
- When adjusting the power supply with the charger.
- When frequently and repeatedly using DC charging.

■ AC charging power

AC charging of up to approximately 7 kW can be performed on this vehicle.

However, depending on the used charger or AC charging cable, the AC charging power may be limited.

How to use AC charging

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

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

When the charging schedule is registered, make sure Charge Now is turned on before charging. (→P.134, 141)

NOTICE

■ Handling the AC charging cable and related parts

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

- When canceling charging or when charging is completed, disconnect the AC charging connector before disconnecting the plug from the electrical socket.
- When disconnecting the AC charging connector, make sure that it is unlocked.
- Do not forcefully pull the AC charging connector cap or AC charging inlet cap.
- Do not apply a vibration to the AC charging connector while charging. Charging may be stopped.
- Do not insert anything but an AC charging connector into the AC charging inlet.

 NOTICE

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

Confirm the following before charging

→P.112

When charging

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

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

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

(If it is not illuminated, refer to P.145)

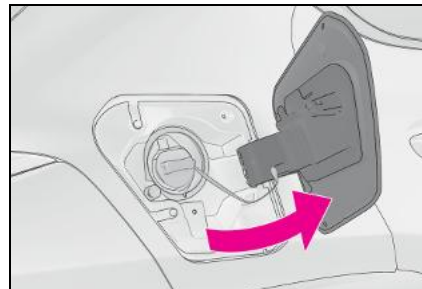
In order to reduce the load on the electrical socket and plug, when inserting the plug, use a string, etc., to hang the CCID

(Charging Circuit Interrupting Device) on a hook or equivalent.

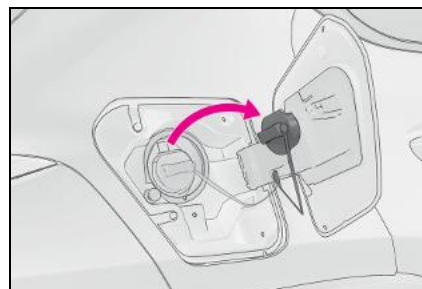
The CCID (Charging Circuit Interrupting Device) can be hung by using the hole in the back. Do not attach the CCID (Charging Circuit Interrupting Device) to the wall with screws.

- 3 Unlock AC charging port lid by unlocking the doors. (→P.180)
- 4 Open the AC charging port lid (right side of the vehicle). (→P.91)

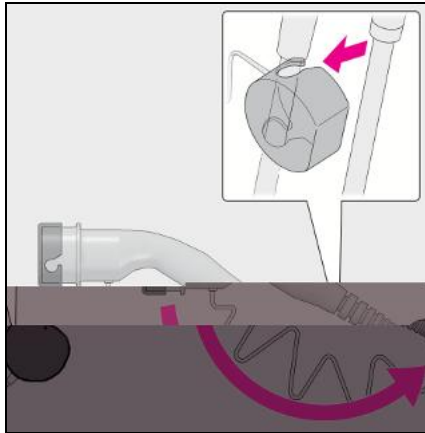
The AC charging inlet light will illuminate.



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



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



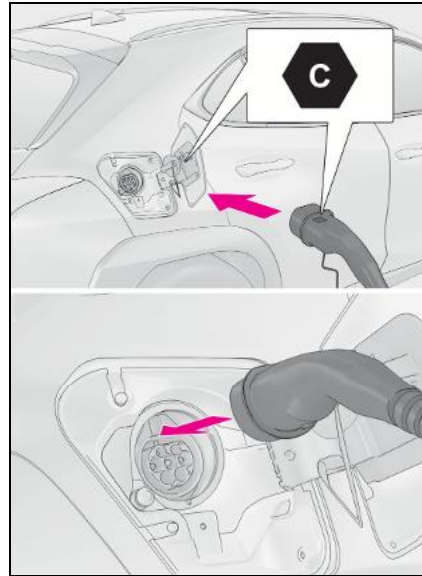
- 7 Make sure to hold the body of the AC charging connector and insert it firmly and fully into the AC charging inlet.

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

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

*: If the AC charging connector is not firmly inserted, locking operation will be

performed several times.



8 Confirm that the AC charging indicator is illuminated.

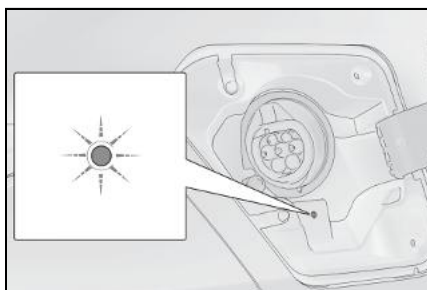
Charging will not start if the AC charging indicator does not illuminate when the AC charging connector is inserted. (→P.145)

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

If the AC charging indicator flashes, the charging schedule has been registered. (→P.118)

If the error warning indicator on the CCID (Charging Circuit Interrupting Device) flashes when the AC charging cable is connected, check P.98 and follow the correction procedure.

The AC charging indicator will turn off when charging is completed. The AC charging indicator will also turn off when charging is stopped for some reason before completion. In this case, refer to P.145



■ During AC charging

- The charging starting time may differ depending on vehicle conditions, but it does not indicate a malfunction.
- The surface of the CCID (Charging Circuit Interrupting Device) may become hot, but it does not indicate a malfunction.
- Depending on radio wave conditions, interference may be heard on the radio.

- The current charging condition and the estimated time until charging completed can be checked on the multi-information display when a door is opened during AC charging. (→P.111)

- The surrounding area of the onboard traction battery charger in the motor compartment may become hot during charging/after charging.

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

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

- Turn Charge Now to ON. (→P.134, 141)
- While the AC charging indicator is flashing, remove and reconnect the AC charging connector immediately.

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

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

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

→P.81

■ Charging time may increase when

→P.114










■ Safety functions

Charging will not start when the AC charging connector is not locked. If the AC charging indicator does not illuminate even when the AC charging connector is inserted, remove and reinsert the AC charging connector, and check that the AC charging indicator illuminates.

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

→P.105

■ **Changing the Charging Current settings**






- 1 Press  or  of the meter control switches and select  on the multi-information display.
- 2 Press  or  of the meter control switches and select Vehicle Settings , and then press OK .
- 3 Press  or  of the meter control switches and select Charging Settings and then press OK .
- 4 Press  or  of the meter control switches and select Charging Current , and then press OK .
- 5 Select MAX , 16A or 8A , and then press OK .





During charging, the maximum charging current is restricted to the set current or lower.* If the house breaker is tripped when charging even with the upper limit of the electric current changed, check that the connected power supply satisfies the required conditions to the charger.

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

■ **Changing the Charging Limit settings**

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

- 1 Press  or  of the meter control switches and select  on the multi-information display.
- 2 Press  or  of the meter control switches and select Vehicle Settings , and then press OK .

- 3 Press  or  of the meter control switches and select Charging Settings and then press OK .
- 4 Press  or  of the meter control switches and select Charging Limit , and then press OK .
- 5 Select Full or 90% and then press OK .

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

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

 **WARNING**

■ **Caution when using AC charging**

Observe the following precautions.

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

- Connect the AC charging cable to a power source suitable for charging. (→P.107)
- Make sure that the AC charging cable, plug and electrical socket are free of foreign matter and not deformed or damaged.
- Before charging, check that the AC charging inlet does not have deformations, damage, corrosion, dirt and dust, or other foreign materials such as snow or ice attached to it. If anything is attached to the inlet, be sure to completely remove the material before connecting the AC charging connector.
- Do not let the terminals of the AC charging inlet get wet.
- Only use electrical sockets where the plug can be securely inserted.

**WARNING**

- Do not charge with the AC charging cable bundled or coiled up otherwise it may overheat.
- Do not touch the terminals of the AC charging connector or AC charging inlet with sharp metal objects (needles etc.) or hands, or short them with foreign objects.
- When charging outdoors, make sure to connect the plug to a raintight socket that is certified for outdoor use. Ensure the raintight cover closes completely. If the raintight cover cannot be closed, replace a new one.
- When using a AC charger, follow the charging handling method to cancel the charging.
- If the AC charging cable or any related parts become hot or emit any smoke, strange smells or noise, stop charging immediately.
- Do not connect the plug of the AC charging cable if the electrical socket is submerged in water or snow.
- When charging during rain or snow, do not pull out or insert the plug with wet hands. Also, do not get the electrical socket and plug wet.
- Do not charge the traction battery when there is a possibility of lightning.
- Be careful not to get the AC charging cable caught in a side door or the back door.
- Do not drive over or park on the AC charging cable, plug, AC charging connector and CCID (Charging Circuit Interrupting Device).
- Firmly insert the plug of the AC charging cable into an electrical socket.

- Do not use an extension cord or conversion plugs.
- Close the hood when using AC charging. The cooling fans may suddenly start to run. Keep hands and clothing (especially a tie, a scarf or a muffler) away from the fans. Failure to do so may cause the hands or clothing to be caught, resulting in serious injury.
- After connecting the AC charging cable, confirm that it is not wound around anything.
- If the power indicator on the CCID (Charging Circuit Interrupting Device) does not illuminate after plugging the AC charging cable into the socket, unplug it immediately.

■ When connecting the AC charging connector

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

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

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

Electrical leakage may have been detected in the power source circuit or the AC charging cable or CCID (Charging Circuit Interrupting Device) may be malfunctioning. Refer to P.98 and follow the correction procedure. If the error warning indicator does not turn off even after performing the correction procedure, immediately stop charging, disconnect the AC charging cable and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer. Continuing to charge the traction battery in this condition may lead to an accident, possibly resulting in serious injury.

■ Onboard traction battery charger

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

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

⚠ NOTICE**■ When charging**

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

■ Using an electric generator

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

■ Usable temperature range

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

■ Charging environment

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

■ Traction battery charge

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

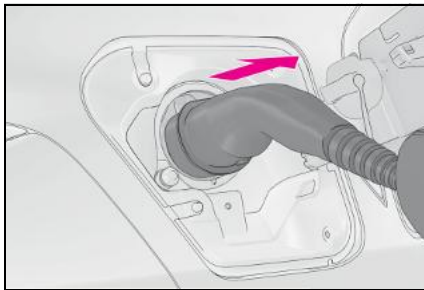
After charging

To prevent electrical shock, be sure to remove by the following procedures.

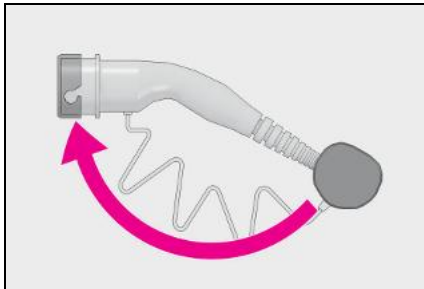
- 1 Unlock the AC charging connector by unlocking the doors. (→P.180)

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

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



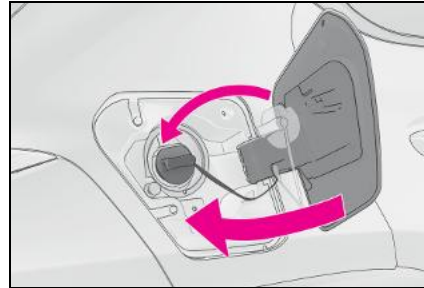
- 3 Install the AC charging connector cap.



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

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

into the inlet.



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

Hold the body of the plug when disconnecting it.

Make sure to put the cable away immediately after disconnecting it. (→P.123)

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

■ **When the outside temperature is low or high**

The needle of the SOC (State of Charge) gauge (→P.163) may drop slightly when the power switch is changed to ON, even if charging has been completed and the traction battery is fully charged. However, this does not indicate a malfunction.

■ **When removing the AC charging connector**

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

⚠ WARNING**■ After charging**

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

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

⚠ NOTICE**■ After charging**

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

How to use DC charging

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

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

⚠ WARNING**■ When using a DC charger**

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

- Use DC chargers conforming to CHAdeMO standard at a public charging station. DC charging cannot use a DC charger that is not conforming to the CHAdeMO standard .
- Do not use the charging cable longer than 30 meters.

Confirm the following before charging

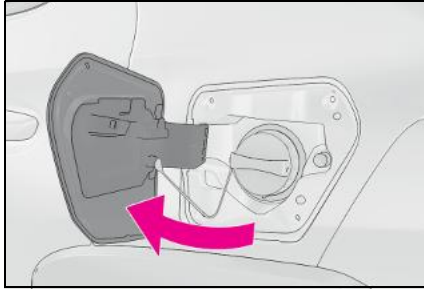
→P.112

When charging

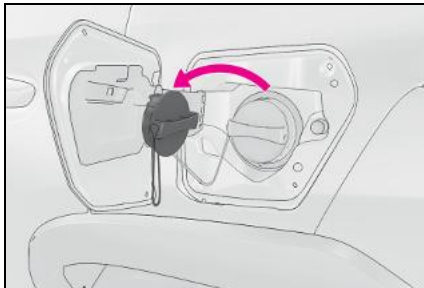
- 1 Unlock DC charging port lid by unlocking the doors. (→P.180)

- 2** Open the DC charging port lid (left side of the vehicle). (→P.91)

The DC charging inlet light will illuminate.



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

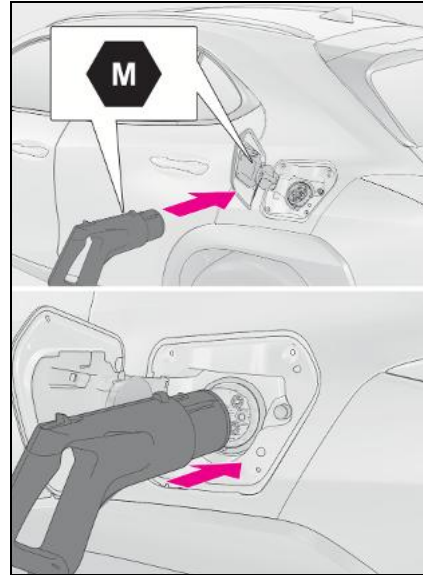


- 4** Insert the DC charging connector into the DC charging inlet.

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

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

DC charger.



- 5** Operate the DC charger and start the charging.

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

Charging starts after a system check is done.

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

■ **Charging time may increase when**
→P.114

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

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

■ The charging time displayed on the DC charger

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

■ During DC charging

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

■ Changing the Charging Limit settings →P.119

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

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

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

Perform a system check with the following

procedures.

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

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

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

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

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

WARNING

■ Warnings for DC charging

Be sure to observe the following when using DC charging.

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

- Check that the DC charger and DC charging inlet are not damaged. If there is any damage to the DC charging inlet, do not perform a DC charge and have it inspected immediately at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- Do not touch the terminals of the DC charging connector or inlet with metallic sharp tips (wires and needles), or allow a short circuit to occur with foreign objects.
- Do not insert anything other than the DC charging connector into the DC charging inlet.

⚠ WARNING

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

■ When connecting the DC charging connector

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

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

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

⚠ NOTICE**■ When using DC charging**

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

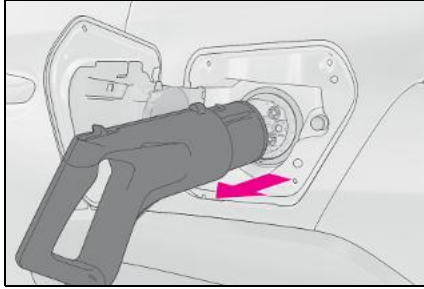
After charging

- 1 Operate the DC charger and stop the charging.
- 2 Remove the DC charging connector.

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

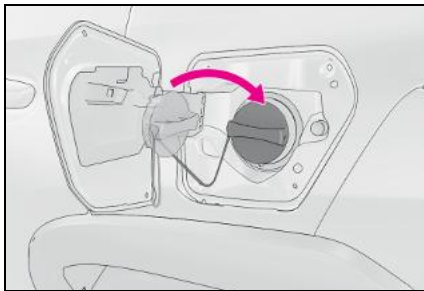
Return the removed DC charging connec-

tor to its original position.



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

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



■ **If the DC charging connector cannot be unlocked**

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

■ **After DC charging**

Even if the traction battery is charged to the

upper limit value that is set, the level of charge displayed on the DC charger may be lower than the actual one.

 NOTICE

■ **Caution after DC charging**

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

Using the charging schedule function (AC charging)

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

■ **Calendar settings**

The clock is automatically adjusted by GPS. However, if GPS calibration of clock is turned off in the Center Display settings, it is necessary to set the calendar on the multi-information display. (→P.168)

For details regarding GPS, refer to the MULTIMEDIA OWNER'S MANUAL.

If the calendar settings check screen is displayed when an attempt is made to register a charging schedule, make sure that the calendar settings are correctly.

If the calendar is not set correctly, the charging schedule function will not operate properly.

Settings of the charging schedule function

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

■ **Select the charging mode**

One of the following two charging modes can be selected.

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

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

^{*2}: Charging schedule function is performed in accordance with the clock. Before registering the charging schedule, check and set the clock to the proper time.

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

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

■ **Repeated setting**

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

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

■ **Air conditioning-linked setting**

When the charging mode is set to Departure, the vehicle air conditioning system can be set to automatically

operate* according to the set time.

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

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

■ Turning Charge Now on and off

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

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

■ Changing Next Event*1

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

*1: The Next Event refers to the closest charging schedule from the current time among the registered charging schedules. Charging schedule is performed based on the Next Event. The Next Event can be changed on the multi-information display.

*2: When Next Event is changed, the current charging schedule will be temporarily ignored and charging will not be

performed until the time specified by Next Event. (For example, when Next Event is set for 2 days later, even if items are registered on the charging schedule, charging will not be performed until the time specified by Next Event.)

■ Charging schedule settings

A maximum of 15 charging schedules can be registered.

■ Charging schedule function

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

■ To make sure that the charging schedule function operates correctly

Check that the following conditions are met:

- The clock is adjusted to the proper time
- The calendar is set to the correct date (→P.168)
- The power switch is OFF
- After registering the charging schedule, connect the AC charging cable. When the AC charging cable is connected, the charging start time is determined based on the charging schedule at the time.
- The AC charging indicator flashes after the AC charging cable is connected (→P.93)
- Do not use an electrical socket that has power cut off function (including off timer function). Only use an electrical socket that constantly supplies power. If the electrical socket is cut off due to a off timer function, etc., charging may not be performed appropriately during the set time.
- The automatic adjustment of the clock by GPS is set to ON. If the clock has been adjusted in an area where a GPS signal cannot be received, set the automatic adjustment of the clock by GPS to ON in an area where a GPS signal can be received.

For details regarding GPS, refer to the MULTIMEDIA OWNER'S MANUAL .

■ **When charging is performed regardless of the charging schedule**

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

■ **When the AC charging cable remains connected to the vehicle**

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

■ **Air conditioning-linked setting**

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

■ **When charging schedule settings are ignored**

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

- When the Remote Air Conditioning System (→P.349) is operated
- When *My Room Mode* is activated (→P.142)

- When setting *Charge Now* to ON (→P.134, 141)
- When an operation that temporarily cancel the charging schedule is performed (→P.118)

■ **Effects of outside temperature**

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

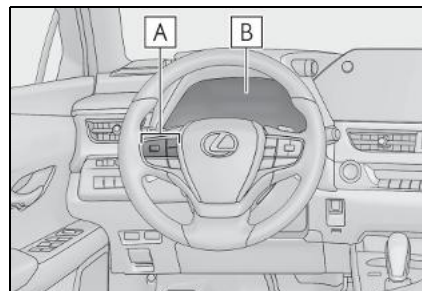
■ **Traction battery cooler (→P.110)**

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

- When the charging mode is set to *Start* , cooling starts at the set charging start time.
- When the charging mode is set to *Departure* , cooling starts approximately 30 minutes before the charging start time. However, if there is no time to complete charging according to the charging schedule, the traction battery cooling time may be shortened and traction battery cooler may not operate.


Setting Charging Schedule on the multi-information display

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



A Meter control switches

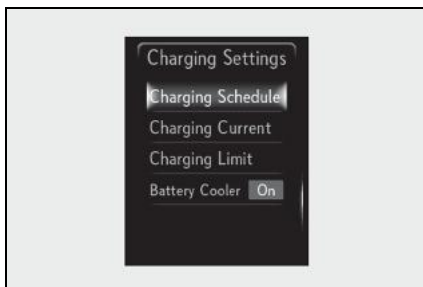
B Multi-information display**■ Registering the charging schedule**

- 1** Press **<** or **>** of the meter control switches to select  on the multi-information display.
- 2** Press **▲** or **▼** of the meter control switches to select Vehicle Settings and then press **OK** .
- 3** Press **▲** or **▼** of the meter control switches to select Charging Settings , and then press **OK** .

The Charging Settings display will be displayed.

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

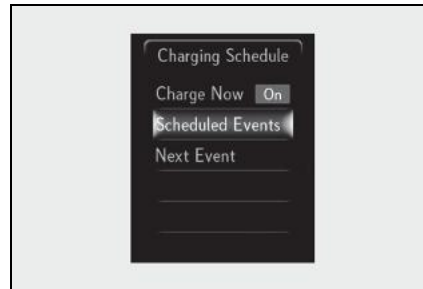
The Charging Schedule display will be displayed.



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

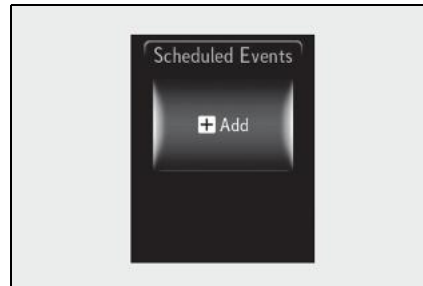
The Scheduled Events display will be displayed.

played.



- 6** Select **Add** , and then press **OK** .

The Charging Mode display will be displayed.



2

Electric Vehicle system

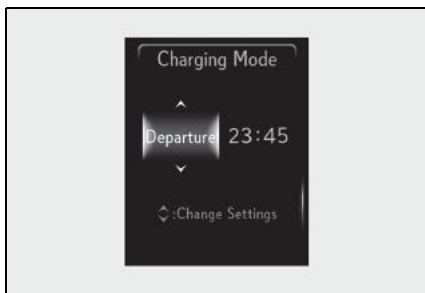
- 7 Press **<** or **>** of the meter control switches to select item and then press **▲** or **▼** to change the charging mode/time settings.

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

When the settings have been changed, press **OK** .

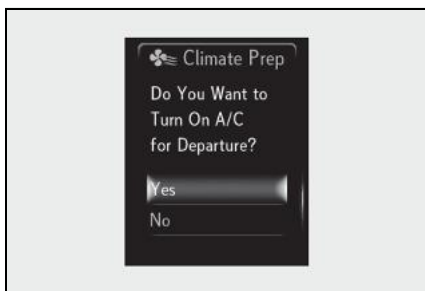
Set the time that is desired to start the charging when charge mode is **Start** and the desired completion time when the mode is **Departure** .

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



- 8 Press **▲** or **▼** of the meter control switches when operating the air conditioner, select **Yes** and then press **OK** .

The **Repeat** display will be displayed.



- 9 Press **▲** or **▼** of the meter control switches, select the day desired to activate the repeated setting, and press **OK** .

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

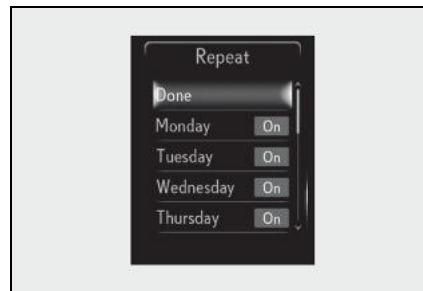
Charging schedule is done repeatedly on the day selected.

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

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

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

A display that confirms the settings are saved is displayed.



- 10 Press **▲** or **▼** of the meter control switches, select **Save** and press **OK** .

The setup contents are saved.

If it is desired to change the setting details, press **↶** and change the operation settings.

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

accordance with the setting details.



■ **Changing the registered charging schedules**

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

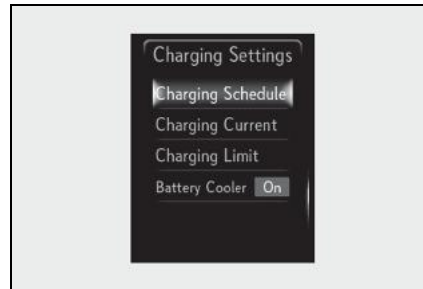
- 1 Press **<** or **>** of the meter control switches to select on the multi-information display.
- 2 Press **▲** or **▼** of the meter control switches to select **Vehicle Settings** and then press **OK**.
- 3 Press **▲** or **▼** of the meter control switches to select **Charging Settings**, and then press **OK**.

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

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

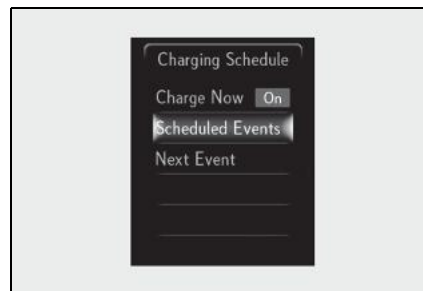
The **Charging Schedule** display will be

displayed.



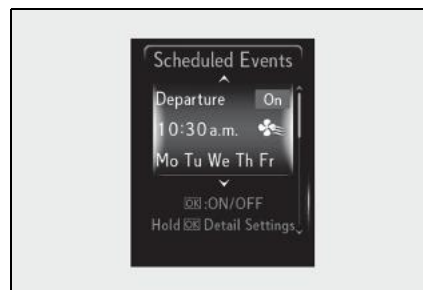
- 5 Press **▲** or **▼** of the meter control switches to select **Scheduled Events** and then press **OK**.



The **Scheduled Events** display will be displayed.

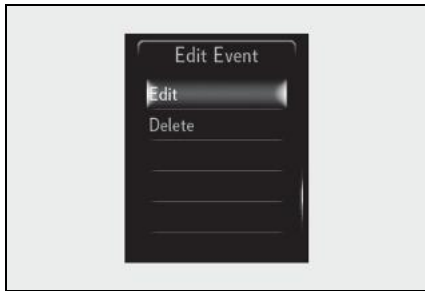


- 6 Press **▲** or **▼** of the meter control switches, select the line of the settings where the contents are desired to be changed, and then press and hold **OK**.

The **Edit Event** display will be displayed.




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



● ON/OFF



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


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

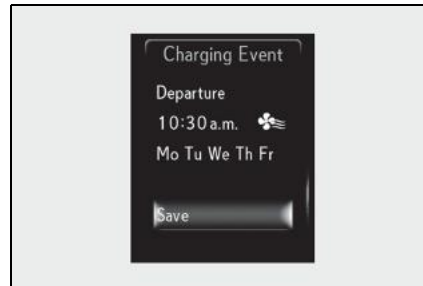
When  is pressed, setup is completed.

● Edit

Change the desired settings as described starting from step 7 of the Registering the charging schedule procedure. (→P.131)



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


Press the  switch to return to the previous display.



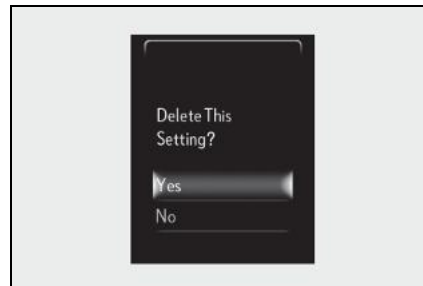
● Delete

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

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

Press the  switch to return to the previous display.




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



■ Setting Charge Now to On

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

- ▶ Operation on the Charging Schedule display

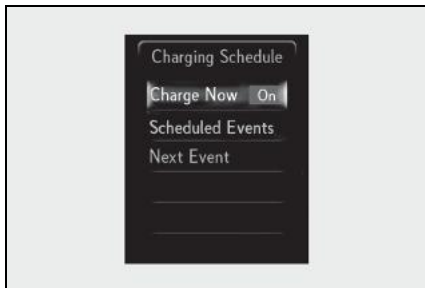
- 1 Press  or  of the meter control switches to select  on the multi-information display.

- 2 Press or of the meter control switches to select **Vehicle Settings** and then press **OK** .
- 3 Press or of the meter control switches to select **Charging Settings** and then press **OK** .
- 4 Press or of the meter control switches to select **Charging Schedule** and then press **OK** .

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

- 5 Press or of the meter control switches to select **Charge Now** , and then press **OK** .

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

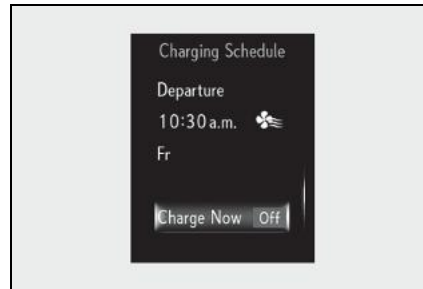


- ▶ Operation on the ending display
- The **Next Event** display will be displayed after the power switch is turned off.

- 1 Turn the power switch off.
- The ending display will be displayed on the multi-information display.
- 2 Press **OK** to set **Charge Now** to **On** .

Each time **OK** is pressed, **Charge Now**

switches between **On** and **Off** .



After setting operations are complete, charging starts when the AC charging cable is connected. (→P.115)

■ Changing Next Event *

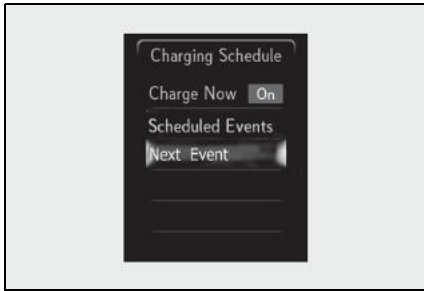
* : When **Charge Now** is set to **On** or **My Room Mode** is in use (→P.142) etc., the registered **Next Event** cannot be changed.

- 1 Press or of the meter control switches to select on the multi-information display.
- 2 Press or of the meter control switches to select **Vehicle Settings** and then press **OK** .
- 3 Press or of the meter control switches to select **Charging Settings** and then press **OK** .
- 4 Press or of the meter control switches to select **Charging Schedule** and then press **OK** .

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

- 5 Press **▲** or **▼** of the meter control switches to select **Next Event** , and then press **OK** .

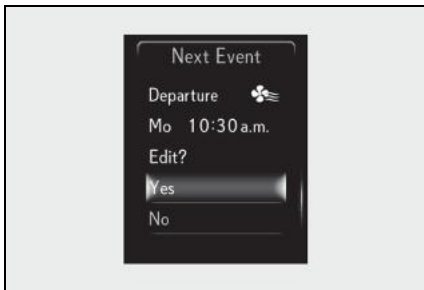
The **Next Event** display will be displayed.



- 6 Press **▲** or **▼** of the meter control switches to select **Yes** , and then press **OK** .

A display that confirms changes for the **Next Event** will be displayed.

When canceling changes, Select **No** and then press **OK** .

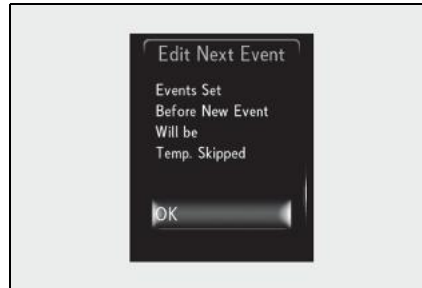


- 7 Press **▲** or **▼** of the meter control switches to select **OK** , and then press **OK** .

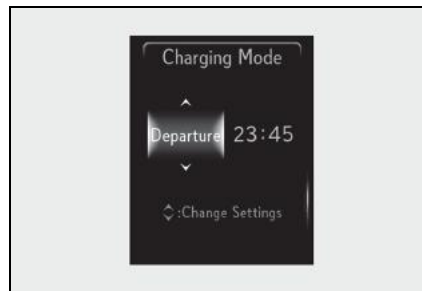
The **Charging Mode** display will be displayed.

Press **↶** to return to the previous display.

play.



- 8 Press **<** or **>** of the meter control switches, select the item to change, press **▲** or **▼** and change the settings.



Setting	Operation
Charge mode/Time	Operate < , > , ▲ and ▼ of the meter control switches to set the charging mode (Start or Departure) and charging start (or departure) time. When setting are complete, press OK .
Day	Operate ▲ or ▼ of the meter control switches to select the day to perform charging according to the schedule. When setting are complete, press OK .
Air conditioner linked	This can be set when the charging mode is set to Departure . To activate the air conditioner link, press ▲ or ▼ of the meter control switches to select Yes and then press OK .

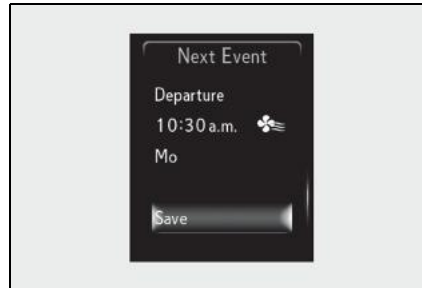
9 When setting are complete, press **OK** .

A display to confirm the setup saving will be displayed.

Press **▲** or **▼** of the meter control switches to select **Save** , and then press **OK** to save the contents that were setup.

If it is desired to change the setup contents, press **↶** and change the operation

setup.



■ **The charging schedule setting display will be suspended when**

- It is necessary for a message with a higher priority than the charging schedule setting to be displayed.
- The power switch is turned off before the settings are confirmed.
- The vehicle is started off.

■ **Next Event**

Even after charging is performed according to the **Next Event** schedule, the **Next Event** displayed on the multi-information display will not change until the AC charging cable is removed after charging completes.

■ **To return to original setting after changing Next Event setting**

Turning the setting of **Charge Now** on and then off can return the setting of **Next Event** to its original setting.


■ **When Next Event is changed while charging**

- When the charging mode is **Departure** , the current charging is interrupted or continued depending on the remaining time until the charging is completed.
- When the charging mode is **Start** , the current charging is interrupted, the next charging will start at the set time.

■ **When the power switch is turned off**

When the power switch is turned off, the next charging schedule will be displayed on the ending display and the registered con-

tents can be checked.
Also, the ending display may not be displayed during charging.


 **NOTICE**

■ While setting the charging schedule
To prevent 12-volt battery discharge, ensure that the EV system is operating while setting the charging schedule on the multi-information display.

Setting Charging schedule on the Center Display

The charging schedule function settings can be changed on the Center Display.

■ Displaying the Charging schedule screen

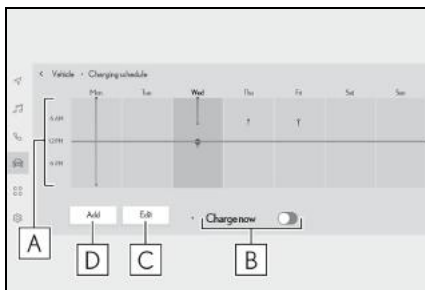
- 1 Turn on the power switch to display the menu screen of the Center Display then select .

The charging schedule settings cannot be changed when the power switch is in ACC.

- 2 Select Charging schedule .

The charging schedule screen will be displayed.

■ How to read the Charging schedule screen



- A** Charging schedules (calendar display)

Displays the week-long registered charging schedule in a list using icons.

- B** Charge now button

Select to turn Charge now on/off. (→P.141)

- C** Edit button

Select to change or delete registered items on the charging schedule. (→P.140)

- D** Add button

Select to add a new item to the charging schedule. (→P.138)

Main content displayed on the calendar:

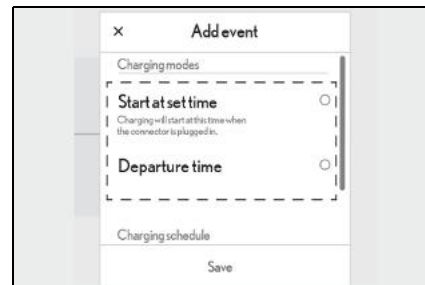
Display	Content
Gray line	Current time
Green icon	The charging mode is set to Departure time
Blue icon	The charging mode is set to Start at set time

■ Registering the charging schedule

- 1 Display the Charging schedule screen. (→P.138)

- 2 Select Add .

The settings screen will be displayed on the screen.

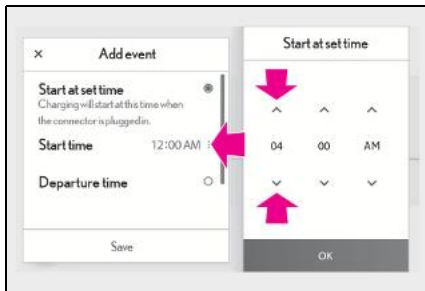


3 Select the charging mode.

Select **Start at set time** or **Departure time** to set the desired charging mode.

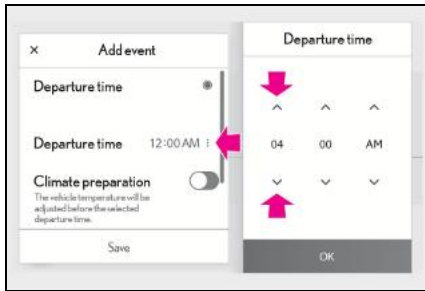
When **Start at set time** is selected:

Set the time to start charging (start time) and then select **Save**.



When **Departure time** is selected:

Set the charging end time (departure time) and then select **Save**.

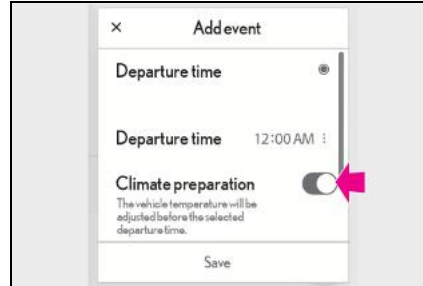


4 When the charging mode is set to **Departure time**, set the **Climate preparation** (→P.128) to on or off.

To operate the air conditioning, select the **Climate preparation** button to set the function to ON.

Each time the button is select, the function

switches between on and off.

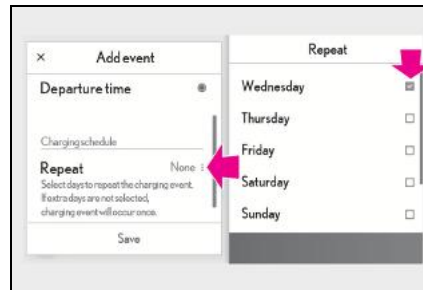


5 Select **Repeat** to enable repeated settings.

Select the day of the week when the current charging schedule will be repeated on the displayed screen, and then press **Save**.

The charging schedule will be repeated on the selected day. It is possible to select more than one day.

If no buttons are turned on, charging is only carried out once according to the schedule for the next 24 hours.

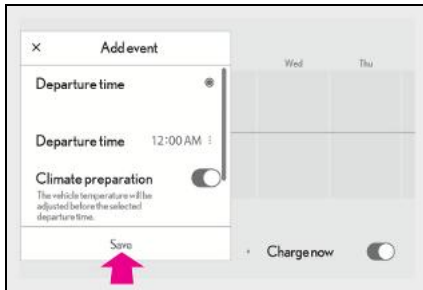


- 6 After setting operations are complete, select Save .

The charging schedule is registered and an icon is added to the calendar.

To cancel registration of the schedule settings, select X .

After setting operations are complete, when the power switch is turned off and the AC charging cable is connected to the vehicle, charging is performed according to the charging schedule settings.



■ Switching the charging schedules between on and off

- 1 Display the Charging schedule screen. (→P.138)
- 2 Select Edit .

The Events screen will be displayed.

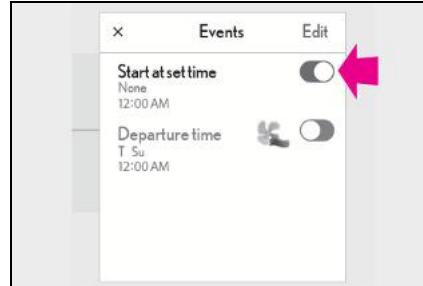
- 3 From the items displayed on the screen, select or in the row of the charging schedule you want to change.

Setting or is possible by sliding the bar to the left or right.

If the charging schedule you want to change is not displayed on the screen, scroll the list up and down to display it.

Each time the button is select, the charging

schedule switches between on and off.

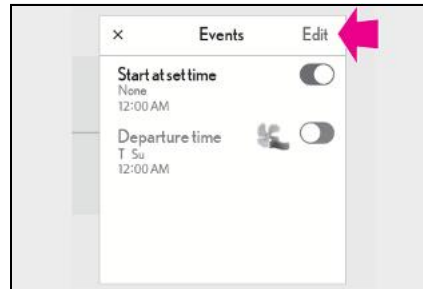


■ Changing the registered charging schedules

- 1 Display the Charging schedule screen. (→P.138)
- 2 Select Edit .

The Events screen will be displayed.

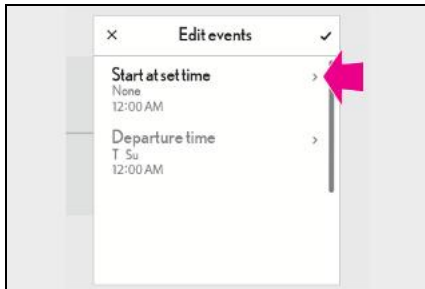
- 3 Select Edit



- 4 From the items displayed on the screen, select the charging schedule you want to change.

The settings screen will be displayed on the

screen.



- Changing registered items:
Change the desired settings as described in step 3 to step 6 of the Registering the charging schedule procedure. (→P.138)

When a setting is changed, its icon on the calendar also changes.

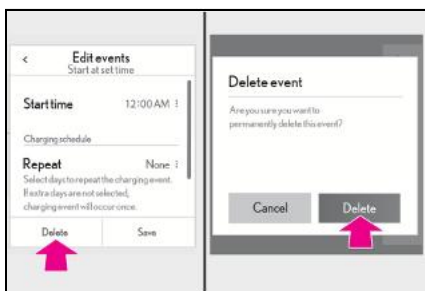
- Deleting registered items:
Select Delete .

A deletion confirmation message will be displayed.

Select Delete to delete the selected charging schedule.

To cancel deletion, select Cancel .

When a charging schedule is deleted, its icon is also deleted from the calendar.



■ Setting Charge now to ON

- 1 Display the Charging schedule screen. (→P.138)

- 2 Select of Charge now .

Each time the button is selected, Charge now switches between on and off.

After setting operations are complete, charging starts when the AC charging cable is connected. (→P.115)



■ When a charging schedule is registered

The icon will not be displayed on the Charging schedule screen if the charging schedule is switched to off on the Events screen.

When the charging schedule is switched to on, an icon will be displayed.

■ The charging schedule settings screen will be suspended when

In the following situations, the charging schedule settings screen will be suspended:

- It is necessary for a message to be displayed
- The power switch is turned off before the settings are confirmed.
- The vehicle is started off.

⚠ NOTICE

■ While setting the charging schedule

To prevent 12-volt battery discharge, ensure that the EV system is operating while setting the charging schedule on the Center Display.



Using My Room Mode

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

Starting My Room Mode

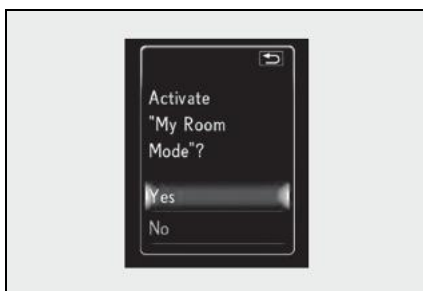
- 1 Connect the charge cable to the vehicle to start charging.
AC Charging: →P.115
DC Charging: →P.123
- 2 Turn the power switch to ON while charging.

The My Room Mode settings is automatically displayed on the multi-information display.

- 3 Press  or  of the meter control switches to select Yes, and then press OK.

My Room Mode is started and it is possible to use the air conditioning system, audio system, etc.

Select No and press OK when My Room Mode is not being used.

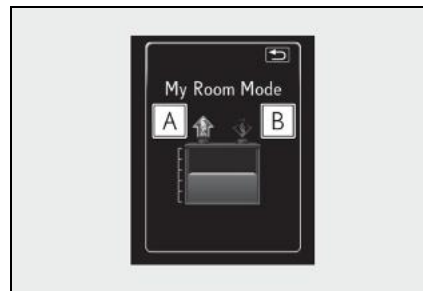


To disable My Room Mode, turn the power switch off.

My Room Mode will automatically be off when DC charging is completed.

Display information for electric power balance during My Room Mode

When starting My Room Mode, the electric power balance will be automatically displayed on the multi-information display, and an approximation of the electricity balance (the balance between the amount of electricity provided and electricity consumed) during My Room Mode can be checked.



A Discharging (-)

B Charging (+)

The size of the arrow symbol changes depending on the power supply and electricity consumption amounts.

If the electricity consumption is more than the power supply, **A** is displayed more than **B**.

If the power supply and electricity consumption amounts are equal, **A** and **B** are displayed as the same size.

■ Meter display while charging

After turning the power switch to ON while charging, the power switch automatically

turns off if My Room Mode is not selected within approximately 100 seconds.

■ **When using My Room Mode the following may occur**

- When the remaining charge of the traction battery drops to the lower limit, the air conditioning system automatically stops. In that case, the air conditioning system can not operate until the remaining charge of the traction battery increases. Turn off the power switch once, then use My Room Mode after the remaining charge of the traction battery increases.
- If the doors are unlocked while using My Room mode, the AC charging connector will be unlocked and the My Room mode will be stopped. To use My Room mode again, perform the operation to start it. (→P.142) In addition, when using AC charger at the public charging station, it is necessary to perform the operation to start the charger before using My Room mode.
- The charging time of the traction battery gets longer.
- Noise may be heard from the radio depending on conditions of the radio wave.
- Fan noises may be heard from under the floor.

■ **Warning message display**

When trying to start My Room Mode or My Room Mode is being used, if a message is displayed on the multi-information display, refer to the corresponding table and perform the appropriate correction procedures.

Message	Correction procedure
Traction Battery is too Low for My Room Mode	There is no remaining charge of the traction battery to start My Room Mode. Wait until the remaining charge of the traction battery increases, start the My Room Mode.


- The surrounding area of the onboard traction battery charger in the motor compartment may become hot.
- The electric power steering system warning light (yellow) may turn on, but this is not a malfunction.

■ **Registering the charging schedule (→P.131)**

When My Room Mode starts while a charging schedule is on standby, the charging schedule settings are disable and charging starts immediately.

■ **Using My Room Mode with the traction battery fully charged**


A warning message Charging Port Lid is Open will be displayed on the multi-information display, if the power switch is turned on when the traction battery is fully charged and the AC charging connector is connected.

In that case, by pressing the  of meter control switches, the My Room Mode settings screen will be displayed and Yes can be selected.

When My Room Mode is used with the traction battery fully charged, electricity of the traction battery will be consumed. In that case, perform the charging again.

Message	Correction procedure
My Room Mode has stopped due to low traction battery level	The remaining charge of the traction battery is insufficient. Stop using the My Room Mode and charge the traction battery.
My Room Mode will stop when traction battery level is too low Reduce power usage to continue using My Room Mode	The electricity consumption of the vehicle is more than the charge amount for the traction battery, thus the remaining charge of the traction battery is low.* If the electricity consumption of the vehicle can not be improved, the My Room Mode will be off. When My Room Mode continuation is desired, turn off the air conditioning system, audio system, etc., to increase the remaining charge of the traction battery.

*: During My Room Mode, the information for electric power balance can be checked on the multi-information display.

 **WARNING**

■ **Warnings for using My Room Mode**
Observe the following precautions.
Failure to do so may result in death or a serious health hazard.

- Do not leave children, people who need care, or pets inside the vehicle. The temperature inside the vehicle may become high or low due to features such as the automatic shut-off. The children, people who need care, or pets left inside the vehicle may suffer heatstroke dehydration or hypothermia. Also, since the wipers, etc., can be operated, there may be accidental operation, possibly leading to an accident.
- Use the mode after sufficiently checking the vicinity of the vehicle for safety hazards.

When charging cannot be performed normally

When charging does not start, even though the normal procedure is followed, check each of the following items. If a message is displayed on the multi-information display, refer to P.153.

When AC charging cannot be performed normally

Refer to the following table and carry out the appropriate correction procedure.

- **The power indicator on the CCID (Charging Circuit Interrupting Device) does not illuminate, even though the plug of the AC charging cable is connected to an electrical socket**

Likely cause	Correction procedure
Plug is not properly connected to the electrical socket	Check that the plug is properly connected to the electrical socket.
Power outage	After power is restored, perform the charging procedure again.
Remote switch is off	If the electrical socket is equipped with a remote switch, turn the switch on.
Building breaker is tripped and power is cut off	Check that the breaker is connected and if there is no malfunction, check if the vehicle can be charged through another electrical socket. If charging is possible, the first electrical socket may have a malfunction. Contact the building or facility manager, or an electrician.
Short circuit between CCID (Charging Circuit Interrupting Device) and plug	Immediately stop charging and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ The error warning indicator on the CCID (Charging Circuit Interrupting Device) flashes

Likely cause	Correction procedure
Electrical leakage detection function or self-diagnostic function operates and power is cut	When the voltage is insufficient, the error warning indicator may flash when there is noise interference. Perform a reset and connect to a proper power source. (→P.98) If charging does not start, immediately stop charging and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ The AC charging indicator does not illuminate, even though the AC charging connector is connected

Likely cause	Correction procedure
Plug is not properly connected to the electrical socket	Properly connect the plug to the electrical socket.
AC charging connector is not securely connected to AC charging inlet	Check the connection of the AC charging connector. When connecting the AC charging connector, insert the AC charging connector securely. After connecting the AC charging connector, make sure that the AC charging indicator is turned on. If the AC charging indicator does not illuminate, even though the AC charging connector is securely connected, there may be a malfunction in the system. Immediately stop charging and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
Traction battery is already fully charged	When the traction battery is fully charged, AC charging cannot be performed.

Likely cause	Correction procedure
The upper limit of the charge capacity is lower than the remaining charge of the traction battery	Set the upper limit of the charge capacity to a value higher than the current remaining charge of the traction battery, and then perform the charging procedure again.
The charger does not operate	Please contact the charging station manager when there is a problem with charger.

■ **AC charging indicator flashes and charging cannot be carried out.**

Likely cause	Correction procedure
When the AC charging indicator flashes normally* : Charging schedule is registered	When you want to charge according to the charging schedule, wait until the set time. To start charging, set Charge Now to ON.
When the AC charging indicator flashes rapidly* : An external power source or the vehicle is malfunctioning	Start the EV system and follow the instruction messages displayed on the multi-information display. (→P.153)

* : Refer to P.93 for details regarding illumination/flashing patterns of the AC charging indicator.

When DC charging cannot be performed normally

Refer to the following table and carry out the appropriate correction procedure.

■ DC charging does not start

Likely cause	Correction procedure
The DC charging connector is not properly connected to the vehicle.	<p>Check the connection status of the DC charging connector and be sure that it is locked.</p> <p>If the DC charging does not start, even though the DC charging connector is securely connected, there may be a malfunction with the DC charger or charging system.</p>
The DC charging connector is not securely locked.	<p>If there is a malfunction with the DC charger, contact the charging station manager.</p> <p>If there is not a malfunction with the DC charger, there may be a malfunction in the system. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.</p>
Error is detected by the DC charger or vehicle's system check.	<p>There may be a malfunction with the DC charger or charging system.</p> <p>If there is a malfunction with the DC charger, contact the charging station manager.</p> <p>If there is not a malfunction with the DC charger, there may be a malfunction in the system. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.</p> <p>If the EV system can not be started, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.</p>
The DC charger power goes off.	Contact the charging station manager and check the power status.
The upper limit of the charge capacity is lower than the remaining charge of the traction battery	Set the upper limit of the charge capacity to a value higher than the current remaining charge of the traction battery, and then perform the charging procedure again.

Likely cause	Correction procedure
Traction battery is already fully charged	When the traction battery is fully charged, DC charging cannot be performed.
AC charging connector is also connected.	DC charging and AC charging can not be performed together.
The EV system is started.	When the EV system is started, DC charging cannot be started. Also, if the shift position is not in P, DC charging cannot be performed.

■ When DC charging is interrupted

Likely cause	Correction procedure
The timer for the DC charger operates.	Depending on the type of the DC charger, the timer may be set to stop charging after a certain time. Check with the charging station manager.
The power for the DC charger is off.	Check the power status of the DC charger. If there are uncertainties with the power status, contact the charging station manager.
The temperature of the traction battery is extremely high or low.	DC charging may not be performed in extremely high or extremely low temperature environments. Charge the traction battery after the temperature has been stabilized.
Error is detected by the DC charger or vehicle's system check.	There may be a malfunction with the DC charger or charging system. If there is a malfunction with the DC charger, contact the charging station manager. If there is not a malfunction with the DC charger, there may be a malfunction in the system. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer. If the EV system can not be started, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Likely cause	Correction procedure
The temperature of the DC charging related parts are high	If the temperature of the DC charging related parts are high, DC charging may not be performed. Wait for a while and then perform the charging procedure again.
The electrical components such as the air conditioning system stop operating while the traction battery is approximately fully charged.	Keep the electrical components such as the air conditioning system in the OFF state, and then perform the charging procedure again.

■ EV system does not start after DC charging

Likely cause	Correction procedure
System check is not completed properly after charging.	Do a system check following the procedures on P.125. If the system check can not be completed properly even after these procedures are performed, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
The DC charging connector is still connected.	For safety, the EV system can not be started when the DC charging connector is connected. (→P.112) Remove the DC charging connector immediately after the charging is completed.
The DC charging system is malfunctioning	Depending on the type of malfunction, the EV system can be started after closing the DC charging port lid. If the EV system can not be started, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

When charging schedule function cannot be performed normally

Refer to the following tables and carry out the appropriate correction procedures.

■ Charging is not performed at desired time

Likely cause	Correction procedure
Vehicle clock is not properly adjusted or the calendar is not set correctly	Check the clock settings and adjust it to the proper time. ^{*1} (→P.163) Check the calendar settings and adjust it to the correct date. ^{*2} (→P.168)
AC charging cable is not connected to vehicle	Before using the charging schedule, make sure to connect the AC charging cable.
Incorrect charging mode is selected	Check the charging mode setting. (→P.128) When the charging mode is Start , charging starts at the set time, but when it is Departure , charging is completed by the set time. (The charging start time is automatically controlled by the system.)

^{*1}: The automatic adjustment of the clock by GPS is set to ON. If the clock has been adjusted in an area where a GPS signal cannot be received, set the automatic adjustment of the clock by GPS to ON in an area where a GPS signal can be received. For details regarding GPS, refer to the MULTIMEDIA OWNER'S MANUAL .

^{*2}: This can only be set if GPS calibration of clock is turned off in the Center Display settings.

■ Charging starts, even though the charging schedule is registered

Likely cause	Correction procedure
Charge Now is set to ON	When charging according to the schedule, set Charge Now to OFF. (→P.134, 141)
Charging Schedule is set to OFF	Set the Charging Schedule to ON. (→P.133, 140)
Charging mode is set to Departure and schedule departure time is close to current time	When the system determines that there is no time to complete charging by the set departure time, it will start charging. Check the charging schedule.

Likely cause	Correction procedure
AC charging cable is removed and reconnected while the AC charging indicator is flashing	If the AC charging cable is removed and reconnected while the AC charging indicator is flashing, the charging schedule will be canceled (→P.118). Temporarily remove the AC charging cable, and then reconnect it.
My Room Mode or remote air conditioning system is operating, and charging schedule is ignored.	To perform charging schedule, stop each of the functions and then reconnect the AC charging cable.
Traction battery heater (→P.109) is operated	When the charging mode is set to Departure, traction battery heater may operate before charging starts. Check the status of the AC charging indicator. (→P.93)
Outside temperature is low and the traction battery warming control (→P.109) is operated	When the traction battery warming control or traction battery heater operates, the charging schedule settings are ignored and charging starts. In order to protect the traction battery, allow charging to continue.

■ Charging ends earlier than time set in Departure

Likely cause	Correction procedure
Charging end time does not match estimated end time due to condition of power source or outside temperature	If sudden changes in temperature or changes in the condition of the power source occur while charging, charging may end earlier than the time estimated by the system.

■ **Charging is not complete, even though it is time set in Departure**

Likely cause	Correction procedure
Climate Prep is set to ON	When Climate Prep is set to ON, the air conditioning operates until the time set in Departure. Therefore, charging may not complete by the set time due to charging conditions. To have the traction battery fully charged, allow charging to continue.
Charging end time does not match estimated end time due to condition of power source or outside temperature	If sudden changes in temperature or changes in the condition of the power source occur while charging, charging may not end exactly at the time estimated by the system.

■ **Charging does not start, even though it is time set in Start**

Likely cause	Correction procedure
AC charging cable is connected after set time	Connect the AC charging cable before the time set in Start.

When charging related message is displayed

When a door is opened while the power switch is off after charging, a message will be displayed on the multi-information display.

If any of the following messages are displayed, refer to the corresponding table and perform the appropriate correction procedures.



■ If Charging Stopped Due to Pulled Charging Connector is displayed

Likely cause	Correction procedure
<p>AC charging connector is disconnected during charging</p> <p>After the traction battery is fully charged, the AC charging connector is disconnected while the traction battery is being recharged again because the electricity-consuming functions * have been used and the remaining charge is now reduced.</p> <p>*: Electricity is consumed when the air conditioning-linked function, traction battery heater, My Room Mode or Remote Air Conditioning System is operating.</p>	<p>To continue charging, reconnect the AC charging connector.</p>
<p>AC charging connector is not securely connected</p>	<p>Check the connection status of the AC charging connector.</p> <p>When connecting the AC charging connector, insert the AC charging connector securely.</p> <p>After connecting the AC charging connector, make sure that the AC charging indicator is turned on.</p> <p>If charging cannot be performed, even though the correct procedures were followed, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.</p>

■ If Charging complete Limited charge due to battery temp is displayed

Likely cause	Correction procedure
<p>Charging is stopped to protect the traction battery as it continued to remain hot for a certain period of time.</p>	<p>Allow the traction battery to cool down and perform charging again if the charging amount has not reached the desired amount.</p>

■ If Charging stopped Check charging source is displayed

Likely cause	Correction procedure
<p>Problem in power supply from external power source</p>	<p>Check the following items.</p> <ul style="list-style-type: none"> The plug is securely inserted. Extension cord is not used and electrical socket is not overloaded. The remote switch is not off. Connected to a dedicated power line. Power outage has occurred or not. The power indicator on the CCID (Charging Circuit Interrupting Device) is illuminated. The circuit breakers have not tripped. <p>If all of the above conditions are met, the electrical socket may be malfunctioning. Contact an electrician and request an inspection.</p> <p>Furthermore, if the error warning indicator on the CCID (Charging Circuit Interrupting Device) is flashing, there may be electrical leakage. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.</p> <p>If charging cannot be performed, even though there is no problem with the power source path, there may be a malfunction in the system. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.</p>

Likely cause	Correction procedure
Charging is stopped by charger	<p>Depending on the specifications of charger, charging may be canceled by an interruption of power supply. Charging may be stopped by the following. Refer to charger handling methods.</p> <ul style="list-style-type: none"> The charging stop button of charger is pressed. Charger with off timer function canceled charging Charger that is not compatible with the charging schedule function of the vehicle <p>Check if it is possible to charge with the AC charging cable equipped with the vehicle. If charging cannot be carried out even when using the genuine AC charging cable, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.</p>
The AC charger is not compatible with the vehicle	<p>Check if it is possible to charge with the AC charging cable equipped with the vehicle. If charging cannot be carried out even when using the genuine AC charging cable, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.</p>
The DC charger is malfunctioning.	<p>If the message above is displayed when DC charging has not stopped operations, the DC charger may be damaged, so do not use that DC charger.</p>
The DC charger is not compatible with the vehicle.	<p>Check if it is possible to charge with another DC charger.</p> <p>If the message is still displayed and charging cannot be performed, drive the vehicle for several kilometers and then charge the traction battery with another DC charger.</p>

■ **If Charging stopped High energy use See Owner s Manual is displayed**

Likely cause	Correction procedure
Power is being consumed by electrical components of vehicle	<p>Check the following items, and then perform the charging procedure again.</p> <ul style="list-style-type: none"> If the headlights and audio are turned on, turn them off. Turn the power switch off. <p>If charging cannot be carried out, even after performing the above, the 12-volt battery may not be sufficiently charged. Start the EV system and wait for approximately 15 minutes or more to charge the 12-volt battery.</p>

■ **If Charging system malfunction See Owner s Manual is displayed**

Likely cause	Correction procedure
Malfunction occurred in charging system	Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **If Traction battery temp is low System has prioritised charging to preserve battery condition is displayed**

Likely cause	Correction procedure
The traction battery warming control is operated	When the traction battery warming control operates, the charging schedule settings are ignored and charging starts immediately. It is a control to protect the traction battery, and is not a malfunction.

■ **If Check Charging System Close Charging Port Lid See Owner s Manual is displayed**

Likely cause	Correction procedure
System check is not completed properly after DC charging.	The EV system can not be started until the system check is completed properly. Perform a system check following the procedures on P.125.

■ If **Charging Stopped Time Limit Reached** is displayed

Likely cause	Correction procedure
<p>The DC charging is not completed within the restricted time with DC charger.</p>	<p>Depending on the type of DC charger, the timer may be set to stop charging after a certain time. Check with the charging station manager.</p> <p>Depending on the condition of the vehicle, the charging time may become longer than normal, and the DC charging may not be completed within the restricted time.</p> <p>When the A/C, headlights, audio system, etc., are turned on, the electricity consumption of the vehicle will be increased. Perform the DC charging after turning off all of the above.</p> <p>The temperature of the traction battery may be low. Perform the DC charging after warming up the traction battery.</p>

■ If **Maintenance Req'd. For Traction Battery At Your Dealer** is displayed

Likely cause	Correction procedure
<p>Inspection of traction battery is necessary due to repeated charging and discharging for a long period of time</p>	<p>Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.</p>

Vehicle status information and indicators

3

159

3-1. Instrument cluster

Warning lights and indicators

..... 160

Gauges and meters 163

Multi-information display..... 166

Head-up display 170

3

Vehicle status information and indicators

Warning lights and indicators

The warning lights and indicators on the instrument cluster, center panel and outside rear view mirrors inform the driver of the status of the vehicle's various systems.





Warning lights and indicators displayed on the instrument cluster







For the purpose of explanation, the following illustration displays all warning lights and indicators illuminated.













Warning lights

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

-  Brake system warning light*¹
(red) (→P.428)
-  12-volt battery charging system warning light*² (→P.428)
-  Tire pressure warning light*¹
(→P.429)
-  Brake system warning light*¹
(yellow) (→P.429)

-  SRS warning light*¹ (→P.429)
-  ABS warning light*¹ (→P.429)
-  Electric power steering system warning light*¹ (→P.430)
(red)
-  Electric power steering system warning light*¹ (→P.430)
(yellow)
-  Slip indicator*¹ (→P.430)
-  Parking brake indicator (→P.430)
(flashes)

	Brake hold operated indicator ^{*1} (→P.430) (flashes)
	Lexus parking assist-sensor OFF indicator ^{*1} (if equipped) (→P.431) (flashes)
	RCTA OFF indicator ^{*1} (if equipped) (→P.431) (flashes)
	PKSB OFF indicator ^{*1} (if equipped) (→P.431) (flashes)
	Traction battery charge warning light (→P.432)
	Driver's and front passenger's seat belt reminder light (→P.432)
	Rear passenger's seat belt reminder lights ^{*2} (→P.432)
	Inappropriate pedal operation warning light ^{*2} (→P.433)
	LTA indicator ^{*2} (→P.433) (orange)
	PCS warning light ^{*1} (→P.433) (flashes or illuminates)

^{*1}: These lights come on when the power switch is turned to ON to indicate that a system check is being performed. They will turn off after the EV system is on, or after a few seconds. There may be a malfunction in a system if the lights do not come on, or turn off. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

^{*2}: This light illuminates on the multi-information display.











WARNING


















If a safety system warning light does not come on




Should a safety system light such as the ABS and SRS warning light not come on when you start the EV system, this could mean that these systems are not available to help protect you in an accident, which could result in death or serious injury. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately if this occurs.

Indicators



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

	Turn signal indicator (→P.235)
	Tail light indicator (→P.242)
	Headlight high beam indicator (→P.243)
	AHS indicator ^{*1} (if equipped) (→P.244)
	Automatic High Beam indicator ^{*1} (if equipped) (→P.248)
	Front fog light indicator (if equipped) (→P.251)
	Rear fog light indicator (→P.251)
	PCS warning light ^{*1,2} (→P.264)
	Cruise control indicator ^{*3} (→P.288)
	Dynamic radar cruise control indicator ^{*3} (→P.288)

-  Cruise control SET indicator^{*3} (→P.288)
-  LTA indicator^{*3,4} (→P.279)
(white)
-  LTA indicator^{*3,4} (→P.264, 279)
(green)
-  LTA indicator^{*3,4,5} (→P.279)
(orange)
-  BSM outside rear view mirror indicators^{*1,6} (if equipped) (→P.300, 313)
-  BSM indicator (if equipped) (→P.300)
-  Lexus parking assist-sensor OFF indicator^{*1,2} (if equipped) (→P.306)
-  RCTA OFF indicator^{*1,2} (if equipped) (→P.314)
-  PKSB OFF indicator^{*1,2} (if equipped) (→P.319)
-  Slip indicator^{*1,5} (→P.329)
-  VSC OFF indicator^{*1,2} (→P.329)
-  Smart entry & start system indicator^{*3} (→P.226)
-  READY indicator (→P.226)
-  Parking brake indicator (→P.236)
-  Brake hold standby indicator^{*1} (→P.239)
-  Brake hold operated indicator^{*1} (→P.239)
-  Low outside temperature indicator^{*3,7} (→P.163)

-  Security indicator^{*8} (→P.72, 74)
-  PASSENGER AIR BAG indicator^{*1,8} (if equipped) (→P.44)
-  PASSENGER AIR BAG indicator^{*1,8} (if equipped) (→P.44)

● Drive mode indicators

-  Eco drive mode indicator (→P.327)
-  Sport mode indicator (→P.327)

^{*1}: These lights come on when the power switch is turned to ON to indicate that a system check is being performed. They will turn off after the EV system is on, or after a few seconds. There may be a malfunction in a system if the lights do not come on, or turn off. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

^{*2}: This light comes on when the system is turned off.

^{*3}: This light illuminates on the multi-information display.

^{*4}: Depending on the operating condition, the color and illuminating/flashing state of the light change.

^{*5}: This light flashes to indicate that the system is operating.

^{*6}: This light illuminates on the outside rear view mirrors.

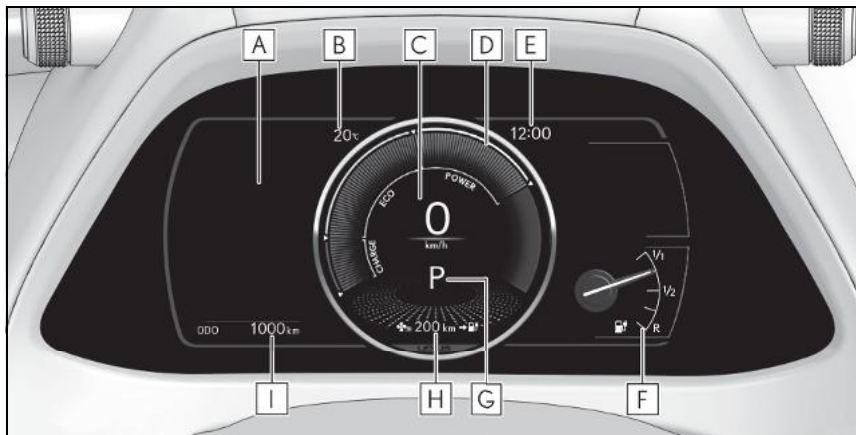
^{*7}: When the outside temperature is approximately 3°C (37°F) or lower, this indicator will flash for approximately 10 seconds, then stay on.

^{*8}: This light illuminates on the center panel.

Gauges and meters

Meter display

■ Locations of gauges and meters



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

A Multi-information display

Presents the driver with a variety of vehicle data (→P.166)

Displays warning messages if a malfunction occurs (→P.436)

B Outside temperature

Displays the outside temperature within the range of -40°C (-40°F) to 50°C (122°F)

Low outside temperature indicator comes on when the ambient temperature is 3°C (37°F) or lower

C Speedometer

Displays the vehicle speed

D EV System Indicator

Displays EV system output or regeneration level (→P.164)

E Clock

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


F SOC (State of Charge) gauge

Displays the amount of charge remaining in the traction battery.

G Shift position/regenerative braking power indicator (→P.230, 234)

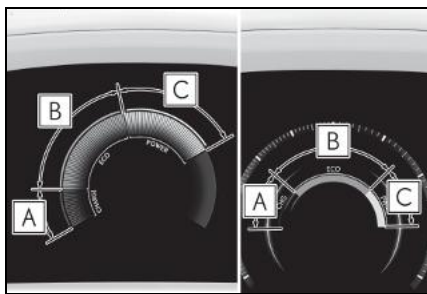
H Driving range

Displays driving range with remaining charge. (→P.167)

When the air conditioning system is operating,  and the driving range with the air conditioning system on are displayed.

I Odometer and trip meter display (→P.165)

■ **EV System Indicator**



A Charge area

Shows regeneration* status.
Regenerated energy will be used to charge the traction battery.

B Eco area

Shows that the vehicle is being driven in an Eco-friendly manner.
By keeping the bar display within Eco area, more Eco-friendly driving can be achieved.

C Power area

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

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

■ **Outside temperature display**

● In the following situations, the correct

outside temperature may not be displayed, or the display may take longer than normal to change:
When stopped, or driving at low speeds (less than 20 km/h [12 mph])
When the outside temperature has changed suddenly (at the entrance/exit of a garage, tunnel, etc.)

● When -- or E is displayed, the system may be malfunctioning. Take your vehicle to any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.


■ **GPS automatic adjustment of the clock**

When the system is malfunctioning, the clock adjustment screen may be displayed on the multi-information display. In this case, have the vehicle inspected by your Lexus dealer.

■ **Liquid crystal display**

→P.166

■ **Customization**

The gauges and meters can be customized on  of the multi-information display. (→P.472)

! 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.

⚠ WARNING

For example, there is a lag between the driver's shifting and the regenerative braking power appearing on the display. This lag could cause the driver to downshift again, causing rapid and excessive regenerative braking and possibly an accident resulting in death or injury.

Odometer and trip meter display**■ Display items****● Odometer**

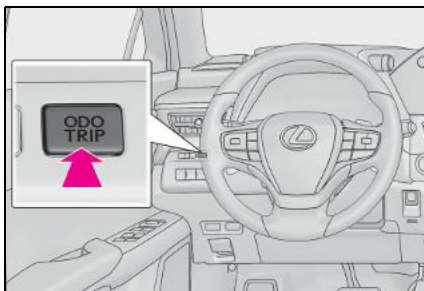
Displays the total distance the vehicle has been driven.

● Trip meter A/trip meter B

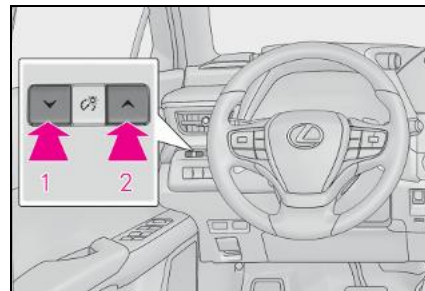
Displays the distance the vehicle has been driven since the meter was last reset. Trip meters A and B can be used to record and display different distances independently.

■ Changing the display

Each time the ODO TRIP switch is pressed, the displayed item will be changed. When the trip meter is displayed, pressing and holding the switch will reset the trip meter.

**Changing the instrument panel light brightness**

The brightness of the instrument panel lights can be adjusted.



- 1 Darker
- 2 Brighter

■ Instrument panel brightness adjustment

The instrument panel brightness levels when the surroundings are bright (daytime etc.) and dark (nighttime etc.) can be adjusted individually.

Multi-information display

Display and menu icons



■ Display





By selecting menu icons on the multi-information display, a variety of driving-related information can be displayed. The multi-information display can also be used to change display settings and other vehicle settings.

Warning or suggestion/advice pop-up displays are also displayed in certain situations.



■ Menu icons

The menu icons will be displayed by pressing  or  of the meter control switches (→P.166).

-  Driving information display (→P.167)
-  Navigation system-linked display (if equipped) (→P.168)
-  Audio system-linked display (→P.168)
-  Driving support system information display (→P.168)



Warning message display (→P.436)



Settings display (→P.168)

■ Opening image display

When the power switch is in ACC or ON, the opening image is displayed on the multi-information display.

While the opening image is being displayed, the meter display cannot be changed even if the drive mode is changed. When the opening image is finished, the meter display for the currently selected mode will be displayed.

■ Liquid crystal display

Small spots or light spots may appear on the display. This phenomenon is characteristic of liquid crystal displays, and there is no problem continuing to use the display.



WARNING

■ Caution for use while driving

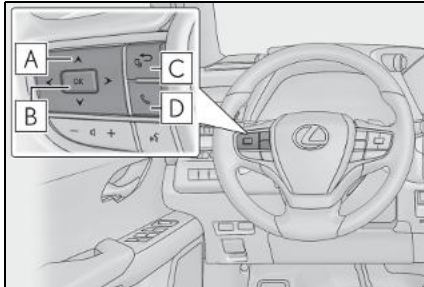
- When operating the multi-information display while driving, pay extra attention to the safety of the area around the vehicle.
- Do not look continuously at the multi-information display while driving as you may fail to see pedestrians, objects on the road, etc. ahead of the vehicle.

■ The information display at low temperatures

→P.164

Changing the meter display

The multi-information display is operated using the meter control switches.



- A** : Select menu icons
 : Change displayed content, scroll up/down the screen or move the cursor up/down
- B** Press: Enter/Set
 Press and hold: Reset
- C** Return to the previous screen
- D** Call sending/receiving and history display

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

Drive information

■ Display items

Press or of the meter control switches and select . Then press or to display the following items:

- Drive information 1
- Drive information 2
- Tire pressure
- Display off

■ Drive information 1/Drive information 2

2 of the following drive information can be displayed in each screen.

Displayed items can be changed on

(→P.166)

Use the displayed values as a reference only.

- Current electricity consumption

Displays instantaneous current electricity consumption

- Average electricity consumption

After reset: Displays average electricity consumption since the display was reset^{*1}

- Average vehicle speed

After reset: Displays average vehicle speed since the display was reset^{*1}

After start: Displays average vehicle speed since the EV system was started

- Elapsed time

After reset: Displays elapsed time since the display was reset^{*1}

After start: Displays elapsed time since the EV system was started

- Distance

Driving range: Displays driving range with remaining charge^{*2}

When the air conditioning system is operating, and the driving range with the air conditioning system on are displayed^{*3}.

After start: Displays the distance driven since the EV system was started

- Other

No item

*1: To reset, display the desired item and press and hold OK of the meter control switches.

*2: This distance is computed based on the remaining charge of the traction battery. (→P.89)
The actual distance that can be driven may differ from that displayed.

*3: When the air conditioning system is on, the displayed driving range is less than that with the air conditioning system off.

■ **Tire pressure**

→P.395

■ **Display OFF**

Displays a blank screen.

Navigation system-linked display (if equipped)

Select to display the following navigation system-linked information.

- Route guidance to destination
- Compass display

Audio system-linked display

Select to enable selection of an audio source or track on the meter using the meter control switches.

Driving support system information display

Select to display the operational status of the following systems:

- LTA (Lane Tracing Assist) (→P.274)

- Dynamic radar cruise control with full-speed range (→P.288)
- RSA (Road Sign Assist) (→P.284)

Warning message display

Select to display warning messages and measures to be taken if a malfunction is detected. (→P.436)

Settings display

■ **Meter display settings that can be changed**

- Language

Select to change the language displayed.

- Units

Select to change the units of measure displayed.

- Speedometer display

Select to set the display of the speedometer to digital/analog.

- Drive information 1/Drive information 2

Select to select up to 2 items (→P.167) that will be displayed on each Drive information screen (Drive information 1 screen and Drive information 2 screen) respectively.

- Pop-up display

Select to enable/disable some pop-up displays for each relevant system.

- Calender

Select to set up the calender.

(This can only be set if GPS calibration of clock is turned off in the Center Display settings.)

- **Default settings**

Select to reset the meter display settings to the default setting.

- **Suspension of the settings display**

- Some settings cannot be changed while driving. When changing settings, park the vehicle in a safe place.
- If a warning message is displayed, operation of the settings display will be suspended.



NOTICE


- **During setting up the display**

To prevent 12-volt battery discharge, ensure that the EV system is operating while setting up the display features.

Suggestion function

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

- **Suggestion to enable the power back door (if equipped)**

If the power back door system is disabled on  of the multi-information display (→P.166) and the power back door switch on the instrument panel is operated, a suggestion message will be displayed asking if you wish to enable the power back door system. To enable the power back door system, select **Yes**.

After enabling the power back door system, press the power back door switch again to open or close the power back door.

- **Suggestion to turn off the headlights**

If the headlights are left on for a certain amount of time with the headlight

switch in **AUTO** after the power switch has been turned off, a suggestion message will be displayed asking if you wish to turn the headlights off.

To turn the headlights off, select **Yes**.

If a front door is opened after the power switch is turned off, this suggestion message will not be displayed.

- **Suggestion to close the power windows (linked to windshield wiper operation)**

If the windshield wipers are operated with a power window open, a suggestion message will be displayed asking if you wish to close the power windows.

To close all of the power windows, select **Yes**.

- **Customization**

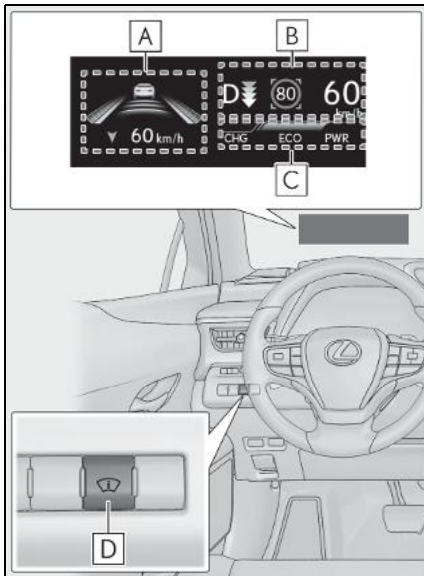
Some functions can be customized. (→P.472)

Head-up display*

*: If equipped

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

System components



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

- A** Driving support system display area (→P.172)
Navigation system-linked display area (if equipped)
Displays the following items which are linked to the navigation system:
Route guidance to destination

Street name
Compass (heading-up display)

- B** Driving information display area

Displays the following items:

Speedometer
Shift position/regenerative braking power (→P.230, 234)
RSA (Road Sign Assist) (→P.284)

- C** EV System Indicator (→P.173)

- D** Head-up display switch

■ Head-up display will operate when

The power switch is in ON.

■ When using the head-up display

The head-up display may seem dark or hard to see when viewed through sunglasses, especially polarized sunglasses. Adjust the brightness of the head-up display or remove your sunglasses.

■ Street name display

Only street names which are included in the map data will be displayed.

■ Outside temperature display

- In the following situations, the outside temperature is displayed.
When the ambient temperature is approximately 3°C (37°F) or lower (In this case, the outside temperature display will be displayed and the low outside temperature indicator will flash for approximately 10 seconds.)

After the opening image (→P.166) is displayed (The outside temperature display will be displayed for approximately 10 seconds.)

- In the following situations, the correct outside temperature may not be displayed, or the display may take longer than normal to change:
When stopped, or driving at low speeds (less than 20 km/h [12 mph])
When the outside temperature has changed suddenly (at the entrance/exit of a garage, tunnel, etc.)

- When -- or E is displayed, the system may be malfunctioning. Take your vehicle to any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

WARNING

■ When using the head-up display

- Check that the position and brightness of the head-up display image does not interfere with safe driving. Incorrect adjustment of the image's position or brightness may obstruct the driver's view and lead to an accident, resulting in death or serious injury.
- Do not continuously look at the head-up display while driving as you may fail to see pedestrians, objects on the road, etc. ahead of the vehicle.

NOTICE

■ Head-up display projector

- Do not place any drinks near the head-up display projector. If the projector gets wet, electrical malfunctions may result.

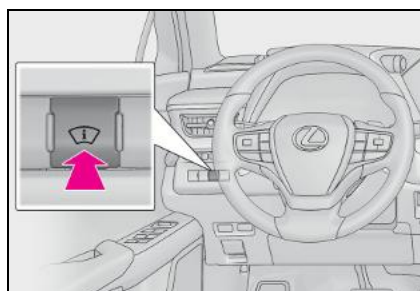


- Do not place anything on or put stickers onto the head-up display projector. Doing so could interrupt head-up display indications.
- Do not touch the inside of the head-up display projector or thrust sharp edges or the like into the projector. Doing so could cause mechanical malfunctions.


Using the head-up display

■ Enabling/disabling the head-up display

Press the head-up display switch.



■ Changing settings of the head-up display

The following settings can be changed on  of the multi-information display. (→P.473)

- Brightness and vertical position of the head-up display

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

- EV System Indicator*

Select to display the EV System Indicator or no content.

*: To set this item, select  on the multi-information display, select Vehicle Settings and select HUD.

- Display content*¹

Select to enable/disable the following items:

Route guidance to destination/street name

Driving support system display*²

Compass (heading-up display)

Audio system operation status

*1: To set this item, select  on the multi-information display, select Vehicle Settings and select HUD .

*2: Make sure to enable this display when using the driving support systems

● Display angle *


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

* : To set this item, select  on the multi-information display, select Vehicle Settings and select HUD .

■ Enabling/disabling of the head-up display


If the head-up display is disabled, it will remain disabled when the power switch is turned off then back to ON.

■ Display brightness

The brightness of the head-up display can be adjusted on  of the multi-information display. Also, it is automatically adjusted according to the ambient brightness.

■ When the 12-volt battery is disconnected

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

 NOTICE
<p>■ When changing the settings of the head-up display</p> <p>To prevent 12-volt battery discharge, ensure that the EV system is operating while changing the settings of the head-up display.</p>

Driving support system display area

Displays the operational status of the

following systems:

- LTA (Lane Tracing Assist) (→P.274)
- Dynamic radar cruise control with full-speed range (→P.288)

Details of content displayed on the head-up display may differ from that displayed on the multi-information display. For details, refer to the explanation of each system.

Pop-up display

Pop-up displays for the following systems will be displayed when necessary.

■ Driving support systems


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

- PCS (Pre-Collision System) (→P.264)
- Lexus parking assist-sensor (if equipped) (→P.305)
- PKSB (Parking Support Brake) (if equipped) (→P.318)
- Brake Override System (→P.219)
- Drive-Start Control (→P.223)

Details of content displayed on the head-up display may differ from that displayed on the multi-information display. For details, refer to the explanation of each system.

■   icons

These icons are linked to the multi-information display

 : Master warning icon

Displayed when a warning message is displayed on the multi-information display. (→P.436)

i: Information icon

Displayed when a suggestion pop-up display (→P.169) or advice pop-up display is displayed on the multi-information display.

■ **Warning message**

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

Details of content displayed on the head-up display may differ from that displayed on the multi-information display.

■ **Audio system operation status**

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

■ **Hands-free system status**

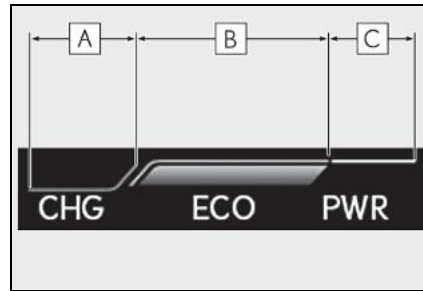
Displayed when the hands-free system is operated.

■ **When a pop-up display is displayed**

When a pop-up display is displayed, a current display may no longer be displayed. In this case, the display will return after the pop-up display disappears.

EV System Indicator

■ **EV System Indicator**



A Charge area

B Eco area

C Power area

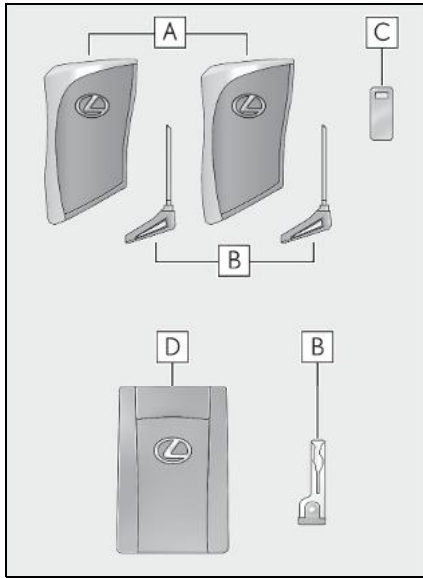
Displayed content is the same as that displayed on the meter (EV System Indicator). For details, refer to P.164.

- 4-1. Key information
 - Keys 176
- 4-2. Opening, closing and locking the doors
 - Side doors 180
 - Back door 184
 - Smart entry & start system 197
- 4-3. Adjusting the seats
 - Front seats 202
 - Rear seats 203
 - Head restraints 204
- 4-4. Adjusting the steering wheel and mirrors
 - Steering wheel 206
 - Inside rear view mirror 207
 - Outside rear view mirrors 208
- 4-5. Opening, closing the windows and moon roof
 - Power windows 211
 - Moon roof 213

Keys

Key types

The following keys are provided with the vehicle.



A Electronic keys

- Operating the smart entry & start system (if equipped) (→P.197)
- Operating the wireless remote control function
- Operating the Remote Air Conditioning System (→P.349)

B Mechanical keys

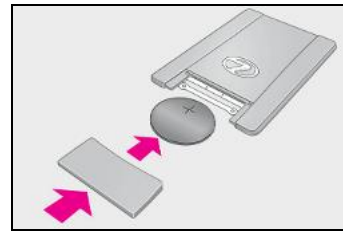
C Key number plate

D Card key (electronic key) (if equipped)

Operating the smart entry & start system (→P.197)

■ Card key (if equipped)

- The mechanical key that is stored inside the card key should be used only if a problem arises, such as when the card key does not operate properly.
- If the battery cover is not installed and the battery falls out or if the battery was removed because the key got wet, reinstall the battery with the positive terminal facing the Lexus emblem.



- The card key is not waterproof.

■ When riding in an aircraft

When bringing an electronic key onto an aircraft, make sure you do not press any buttons on the electronic key while inside the aircraft cabin. If you are carrying an electronic key in your bag, etc., ensure that the buttons are not likely to be pressed accidentally. Pressing a button may cause the electronic key to emit radio waves that could interfere with the operation of the aircraft.

■ Electronic key battery depletion

- The standard battery life is 1 to 2 years. (The card key battery life is from one year to one year and a half.)
- If the battery becomes low, an alarm will sound in the cabin when the EV system stops.
- To reduce key battery depletion when the electronic key is to not be used for long periods of time, set the electronic key to the battery-saving mode. (→P.199)
- As the electronic key always receives radio waves, the battery will become depleted even if the electronic key is not used. The following symptoms indicate

that the electronic key battery may be depleted. Replace the battery when necessary. (→P.410)

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.410). However, as there is a danger that the electronic key may be damaged, it is recommended that replacement be carried out by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- To avoid serious deterioration, do not leave the electronic key within 1 m (3 ft.) of the following electrical appliances that produce a magnetic field:
 - TVs
 - Personal computers
 - Cellular phones, cordless phones and battery chargers
 - Recharging cellular phones or cordless phones
 - Table lamps
 - Induction cookers

■ Replacing the battery

→P.410

■ Confirmation of the registered key number

The number of keys already registered to the vehicle can be confirmed. Ask any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for details.

■ If A New Key has been Registered Contact Your Dealer for Details is shown on the multi-information display

This message will be displayed each time the driver's door is opened when the doors are unlocked from the outside for approximately 10 days after a new electronic key has been registered.

If this message is displayed but you have not had a new electronic key registered, ask any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer

to check if an unknown electronic key (other than those in your possession) has been registered.

NOTICE

■ To prevent key damage

- Do not drop the keys, subject them to strong shocks or bend them.
- Do not expose the keys to high temperatures for long periods of time.
- Do not get the keys wet or wash them in an ultrasonic washer, etc.
- Do not attach metallic or magnetic materials to the keys or place the keys close to such materials.
- Do not disassemble the keys.
- Do not attach a sticker or anything else to the surface of the electronic key.
- Do not place the keys near objects that produce magnetic fields, such as TVs, audio systems and induction cookers, or medical electrical equipment, such as low-frequency therapy equipment.

■ Carrying the electronic key on your person

Carry the electronic key 10 cm (3.9 in.) or more away from electric appliances that are turned on. Radio waves emitted from electric appliances within 10 cm (3.9 in.) of the electronic key may interfere with the key, causing the key to not function properly.

■ In case of a smart entry & start system malfunction or other key-related problems

→P.454

■ When an electronic key is lost

→P.453



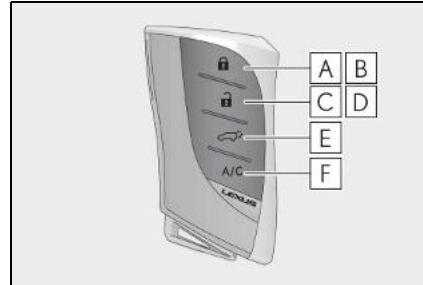
NOTICE

■ Handling the card key (if equipped)

- 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.180)
- B** Closes the windows and moon roof^{*1,2} (→P.180)
- C** Unlocks all the doors (→P.180)
- D** Opens the windows and moon roof^{*1,2} (→P.180)
- E** Opens and closes the power back door^{*1} (→P.187)
- F** Operates Remote Air Conditioning System (→P.349)

^{*1}: If equipped

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

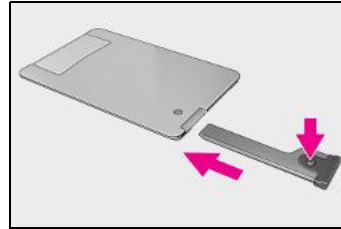
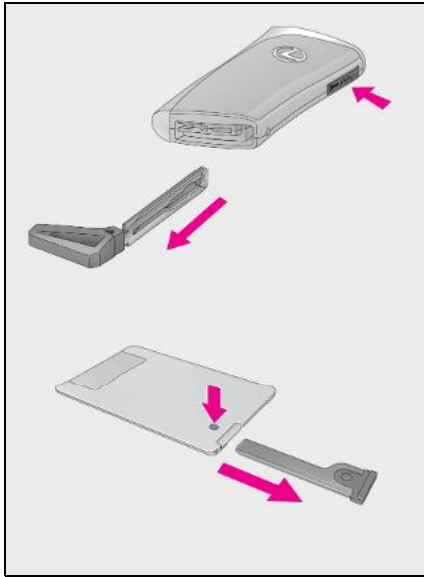
Using the mechanical key

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.454)



 NOTICE

 **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.

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

Lock the glove box as circumstances demand. (→P.358)

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

■ **If you lose your mechanical keys**

→P.453

■ **If a wrong key is used**

The key cylinder rotates freely to isolate inside mechanism.

■ **Card key (if equipped)**

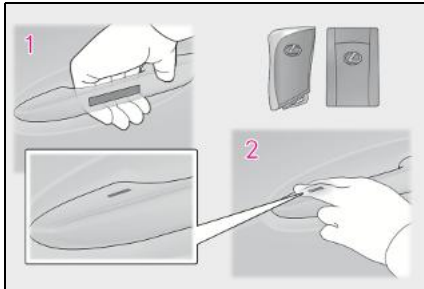
- If it is difficult to take out the mechanical key, push down the release button using a pen tip, etc. If it is still difficult to pull it out, use a coin, etc.
- To store the mechanical key in the card key, insert it while pressing the release button.

Side doors

Unlocking and locking the doors from the outside

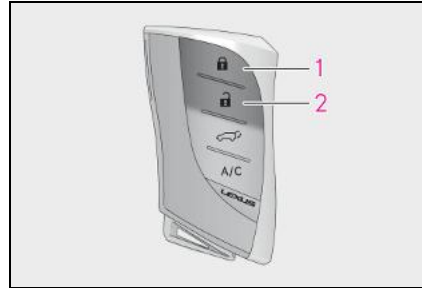
■ **Smart entry & start system (vehicles with entry function)**

Carry the electronic key to enable this function.



- 1** Grip the front door handle to unlock the doors.*
Make sure to touch the sensor on the back of the handle.
The doors cannot be unlocked for 3 seconds after the doors are locked.
- *: The door unlock settings can be changed.
- 2** Touch the lock sensor (the indentation on the upper part of the front door handle) to lock all the doors.
Check that the door is securely locked.

■ **Wireless remote control**






- 1** Locks all the doors
Check that the door is securely locked.
Press and hold to close the windows and moon roof.*^{1,2}
- 2** Unlocks all the doors
Press and hold to open the windows and moon roof.*^{1,2}

*¹: If equipped

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




■ **Switching the door unlock function (vehicles with entry function)**


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

- 1** Turn the power switch off.
- 2** Cancel the intrusion sensor and tilt sensor of the alarm system to prevent unintended triggering of the alarm while changing the settings. (if equipped) (→P.75)
- 3** When the indicator light on the key surface is not on, press and hold  or  for approximately 5 seconds while pressing and holding .

The setting changes each time an operation is performed, as shown below. (When

changing the setting continuously, release the buttons, wait for at least 5 seconds, and repeat step 3.)

Multi-information display/Beep	Unlocking function
 (Left-hand drive vehicles)	Holding the driver's door handle unlocks only the driver's door.
 (Right-hand drive vehicles) Exterior: Beeps 3 times Interior: Pings once	Holding the front passenger door handle unlocks all the doors.
 Exterior: Beeps twice Interior: Pings once	Holding a front door handle unlocks all the doors.

For vehicles with alarm: To prevent unintended triggering of the alarm, unlock the doors using the wireless remote control and open and close a door once after the settings have been changed. (If a door is not opened within 30 seconds after  is pressed, the doors will be locked again and the alarm will automatically be set.)

In a case that the alarm is triggered, immediately stop the alarm. (→P.74)

■ Locking the front doors from the outside without a key

- 1 Push down the inside lock button. (→P.183)
- 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.

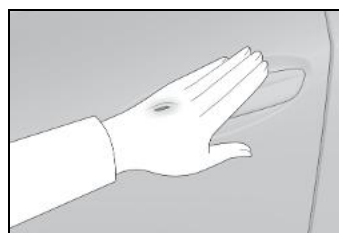
■ Security feature

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.74)

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

→P.199

■ 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.454)
- Replace the key battery with a new one if it is depleted. (→P.410)

■ 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.454)

■ 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 EV system is started within 10 minutes after opening and closing a rear door.

A rear door has been opened and closed after the EV 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.472)

■ Customization

Settings (e.g. unlocking function using a key) can be changed. (Customizable features:→P.474)

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

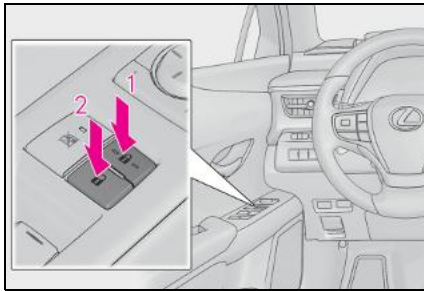
Check the surroundings of the vehicle such as whether the vehicle is on an incline, whether there is enough space for a door to open and whether a strong wind is blowing. When opening or closing the door, hold the door handle tightly to prepare for any unpredictable movement.

■ 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

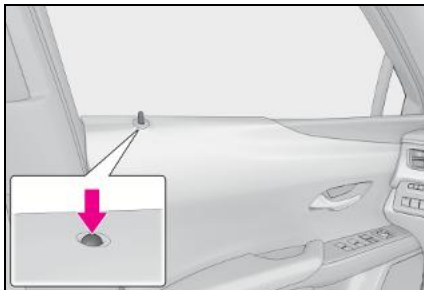
■ Door lock switches (to lock/unlock)



- 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.

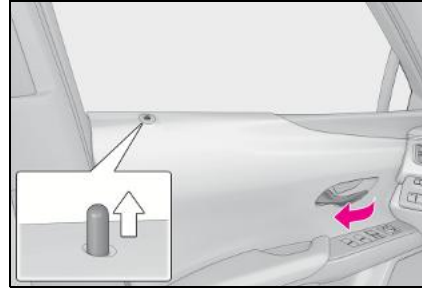
When the door is unlocked, the inside lock button will pop up.

- 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.

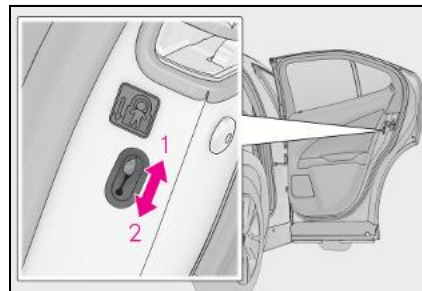


■ If a symbol indicating one or more doors are open is shown on the multi-information display

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.474.

Function	Operation
Speed linked door locking function	All doors are automatically locked when vehicle speed is approximately 20 km/h (12 mph) or higher.
Shift position linked door locking function	All doors are automatically locked when the shift position is shifted to a position other than P.
Shift position linked door unlocking function	All doors are automatically unlocked when shift position is shifted to P.
Driver's door linked door unlocking function	All doors are automatically unlocked when driver's door is opened within approximately 45 seconds after turning the power switch off.

Back door

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

⚠ WARNING

■ **Before driving the vehicle**

Make sure that the back door is fully closed. If the back door is not fully closed, it may open unexpectedly while driving, causing an accident.

■ **Caution while driving**

- Keep the back door closed while driving. If the back door is left open, it may hit nearby objects while driving or luggage may be unexpectedly thrown out, causing an accident.
- Never let anyone sit in the luggage compartment. In the event of sudden braking, sudden swerving or a collision, they are susceptible to death or serious injury.

■ **When children are in the vehicle**

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

- Do not allow children to play in the luggage compartment. If a child is accidentally locked in the luggage compartment, they could have heat exhaustion or other injuries.
- Do not allow a child to open or close the back door. Doing so may cause the back door to move unexpectedly, or cause the child's hands, arms, head, or neck to be caught by the closing back door.

⚠ WARNING**■ Operating the back door**

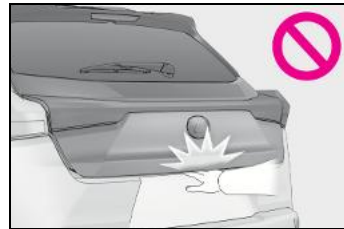
Observe the following precautions. Failure to do so may cause parts of the body to be caught, resulting in death or serious injury.

- Remove any heavy loads, such as snow and ice, from the back door before opening it. Failure to do so may cause the back door to suddenly shut again after it is opened.
- When opening or closing the back door, thoroughly check to make sure the surrounding area is safe.
- If anyone is in the vicinity, make sure they are safe and let them know that the back door is about to open or close.
- Use caution when opening or closing the back door in windy weather as it may move abruptly in strong wind.
- Vehicles without power back door: The back door may suddenly shut if it is not opened fully. It is more difficult to open or close the back door on an incline than on a level surface, so beware of the back door unexpectedly opening or closing by itself. Make sure that the back door is fully open and secure before using the luggage compartment.



- Vehicles with power back door: The back door may suddenly shut if it is not opened fully, while on a steep incline. Make sure that the back door is secured before using the luggage compartment.

- When closing the back door, take extra care to prevent your fingers, etc., from being caught.

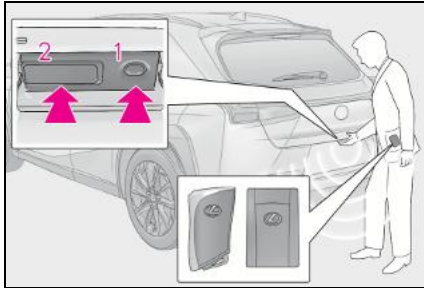


- When closing the back door, make sure to press it lightly on its outer surface. If the back door handle is used to fully close the back door, it may result in hands or arms being caught.
- Do not pull on the back door damper stay (vehicles without power back door) (→P.187) or back door spindle (vehicles with power back door) (→P.194) 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.

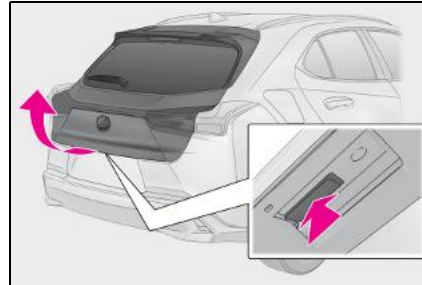
■ **Wireless remote control**
→P.180

Unlocking and locking the back door from the inside

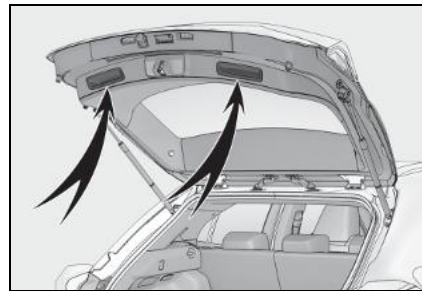
■ **Door lock switch**
→P.183

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.

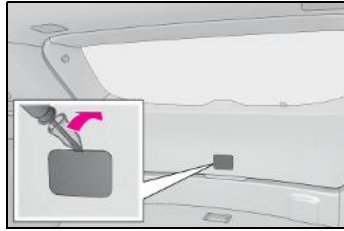


■ **Luggage compartment light**

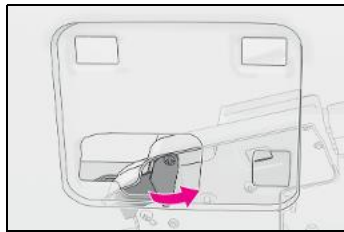
- The luggage compartment light turns on when the back door is opened.
- If the luggage compartment light is left on when the power switch is turned off, the light will go off automatically after 20 minutes.

■ **If the back door opener is inoperative**
The back door can be unlocked from the inside.

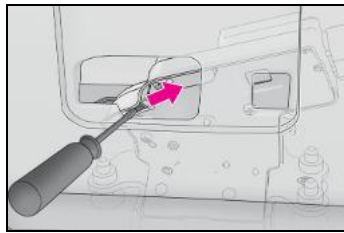
- 1** Remove the cover.
To protect the cover, place a rag between the flathead screwdriver and the cover as shown in the illustration.



2 Loosen the screw and move the cover.



3 Move the lever.

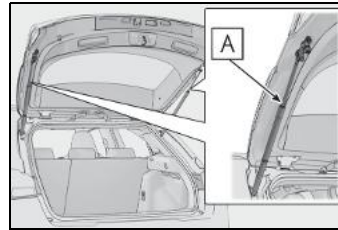


 NOTICE

■ **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.

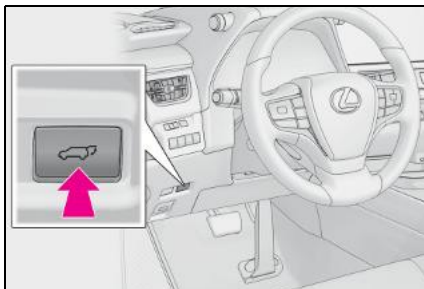


■ Opening/closing the back door from the inside

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

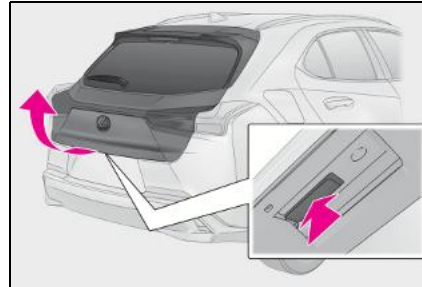
● Open

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.



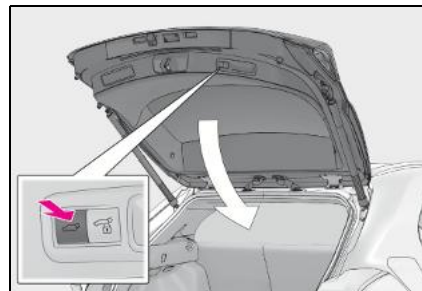
● Close

Press the switch.

A buzzer sounds and the back door automatically closes.

Pressing the switch while the back door is closing stops the operation.

Pressing the switch again will open the back door automatically.



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

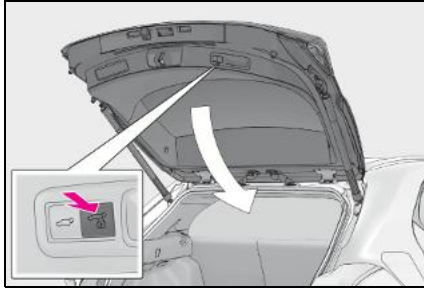
Press the switch.

A different buzzer than the normal one will sound and the power back door will begin closing automatically. When the power back door is closed, all of the doors will lock simultaneously and operation signals will indicate that all of the doors have been locked.

If the switch is pressed while the power back door is closing, the operation will stop.

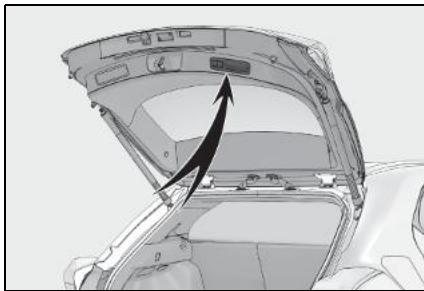
Pressing the switch again will close the

power back door automatically.



■ Closing the back door using the back door handle

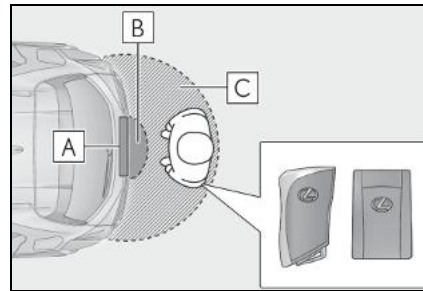
Lower the back door using the back door handle, then a buzzer sounds and the back door automatically closes.



■ Hands Free Power Back Door (if equipped)

- 1 While carrying an electronic key, stand within the smart entry & start system operation range, approxi-

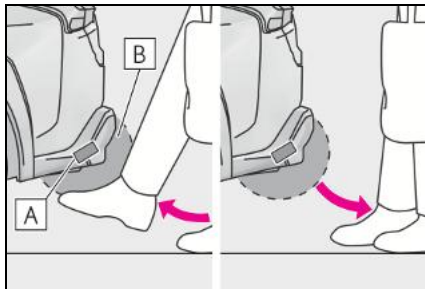
mately 50 to 70 cm (19.7 to 27.6 in.) from the rear bumper.



- A** Kick sensor
- B** Hands Free Power Back Door operation detection area
- C** Smart entry & start system operation detection area (→P.198)

- 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.

■ 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.185) or the wireless remote control. (→P.178)


A buzzer sounds and the emergency flashers flash to indicate that all the doors have been closed and locked.

Before leaving the vehicle, make sure that all the doors are closed and locked. The doors may not be locked due to the jam protection function or door lock prevention function.

■ Close & lock function

When the power back door is open, this function closes the power back door and then locks all of the doors simultaneously.

When the following procedures are performed and there are no electronic keys for the vehicle within the vehicle, all of the doors will lock when the power back door is completely closed.

- 1 Close all of the doors except the power back door.
- 2 While carrying an electronic key, press the  switch on the lower part of the power back door (→P.188).




A different buzzer than the normal one will sound and then the power back door will begin closing automatically. When the power back door is closed, all of the doors

will lock simultaneously and operation signals will indicate that all of the doors have been locked.

The double locking system will not operate at this time.

■ Situations in which the close & lock function may not operate properly

In the following situations, the close & lock function may not operate properly:

- If the  switch on the lower part of the power back door (→P.188) is pressed by a hand which is holding an electronic key
- If the  switch on the lower part of the power back door (→P.188) 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.188) is pressed with the electronic key not near the vehicle.

■ Situations in which the Hands Free Power Back Door (if equipped) may not operate properly

In the following situations, the Hands Free Power Back Door may not operate properly:

- When a foot remains under the rear bumper
- If the rear bumper is strongly hit with a foot or is touched for a while
If the rear bumper has been touched for a while, wait for a short time before attempting to operate the Hands Free Power Back Door again.
- When operated while a person is too close to the rear bumper
- When an external radio wave source interferes with the communication between the electronic key and the vehicle (→P.199)
- When charging from an external power source or connecting the charging cable

- 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 generates strong radio waves or electrical noise
- When a large amount of water is applied to the rear bumper, such as when the vehicle is being washed or in heavy rain
- When mud, snow, ice, etc. is attached to the rear bumper
- When the vehicle has been parked for a while near objects that may move and contact the rear bumper, such as plants
- When an accessory is installed to the rear bumper
If an accessory has been installed, turn the Hands Free Power Back Door (kick sensor) operation setting off.

■ **Preventing unintentional operation of the Hands Free Power Back Door (if equipped)**

When an electronic key is in the operation range, the Hands Free Power Back Door may operate unintentionally, so be careful in the following situations.

- When a large amount of water is applied to the rear bumper, such as when the vehicle is being washed or in heavy rain
- When dirt is wiped off the rear bumper
- When a small animal or small object, such as a ball, moves under the rear bumper
- When an object is moved from under the rear bumper
- If someone is swinging their legs while sitting on the rear bumper
- If the legs or another part of someone's body contacts the rear bumper while passing by the vehicle
- When the vehicle is parked near an 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.

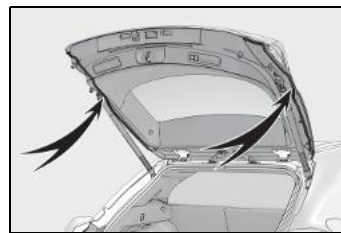
■ **When reconnecting the 12-volt battery**

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.

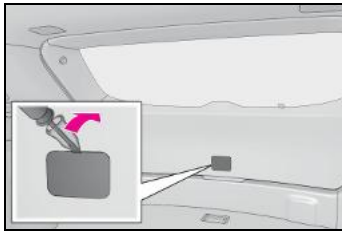


■ **If the back door opener is inoperative**

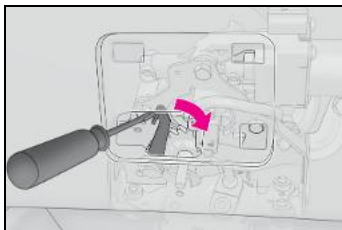
The back door can be unlocked from the inside.

- 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.



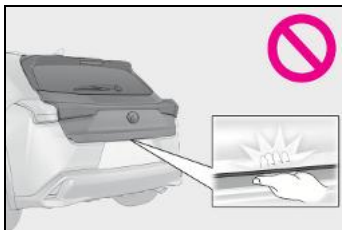
■ Customization

Some functions can be customized. (Customizable features: →P.474)

⚠ 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.
- 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.190) 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.

WARNING

- In the following situations, the power back door may detect an abnormality and automatic operation may be stopped. In this case, the back door has to be operated manually. Take extra care in this situation, as the back door may open or close suddenly.
 - When the back door contacts an obstacle
 - When the 12-volt battery voltage suddenly drops, such as when the power switch is turned to ON or the EV system is started during automatic operation
 - If a bicycle carrier or similar heavy object is attached to the back door, the power back door may not operate, causing itself to malfunction, or the back door may suddenly shut again after being opened, causing someone's hands, arms, head or neck to be caught and injured. When installing an accessory part to the back door, ask any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for details.
- Jam protection function**
- Observe the following precautions. Failure to do so may cause death or serious injury.
- Never use any part of your body to intentionally activate the jam protection function.
 - The jam protection function may not work if something gets caught just before the back door fully closes. Be careful not to get fingers caught or anything else.
 - The jam protection function may not work depending on the shape of the object that is caught. Be careful not to catch fingers or anything else.

■ Hands Free Power Back Door (if equipped)


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

- Check the safety of the surrounding area to make sure there are no obstacles or anything that could cause any of your belongings to get caught.
- Do not operate the Hands Free Power Back Door if there is little space under the rear bumper.


NOTICE

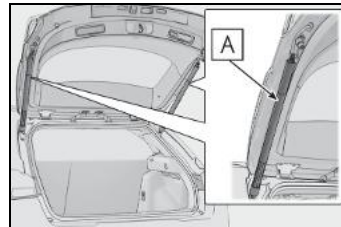
■ Back door spindles

The back door is equipped with spindles

 that hold the back door in place.

Observe the following precautions.

Failure to do so may cause damage to the back door spindle , 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.

**NOTICE****■ 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.192) with a knife or other sharp object. If the sensor is disconnected, the power back door will not close automatically.

■ Close & lock function

When closing the power back door using the close & lock function, a different buzzer than the normal one will sound before the operation begins.

To check that the operation has started correctly, check that a different buzzer than the normal one has sounded.

Additionally, when the power back door is fully closed and locked, operation signals will indicate that all of the doors have been locked.

Before leaving the vehicle, make sure that the operation signals have operated and that all of the doors are locked.






■ Hands Free Power Back Door (if equipped) precautions


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

- Do not apply coatings that have a rain clearing (hydrophilic) effect, or other coatings, to the lower center part of the rear bumper.
- Do not subject the rear bumper to a strong impact.
If the rear bumper has been subjected to a strong impact, the Hands Free Power Back Door may not operate properly. If the Hands Free Power Back Door does not operate in the following situations, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
The kick sensor or its surrounding area has been subjected to a strong impact.
The lower center part of the rear bumper is scratched or damaged.
- Do not disassemble the rear bumper.
- Do not attach stickers to the rear bumper.
- Do not paint the rear bumper.

Canceling the power back door system (vehicles with power back door)

The power back door system can be enabled/disabled on the multi-information display. (→P.166)



- 1 Press  or  of the meter control switches and select .
- 2 Press  or  of the meter control switches, select the Vehicle Settings and then press OK .

- 3 Press **▲** or **▼** of the meter control switches, select  and then press **OK** .
- 4 Press **▲** or **▼** of the meter control switches, and then select **System Settings** .
- 5 **ON** and **OFF** will be switched when **OK** is pressed.

If the power back door is disabled, it will remain disabled unless it is enabled on the multi-information display. (It will not be enabled even when the power switch is turned off and then back to **ON**.)

Canceling the Hands Free Power Back Door (vehicles with kick sensor)

The Hands Free Power Back Door (kick sensor) can be enabled/disabled on the multi-information display. (→P.166)

- 1 Press **<** or **>** of the meter control switches and select  .
- 2 Press **▲** or **▼** of the meter control switches, select the **Vehicle Settings** and then press **OK** .
- 3 Press **▲** or **▼** of the meter control switches, select  and then press **OK** .
- 4 Press **▲** or **▼** of the meter control switches, and then select **KICK SENSOR** .

- 5 **ON** and **OFF** will be switched when **OK** is pressed.

If the Hands Free Power Back Door is disabled, it will remain disabled unless it is enabled on the multi-information display. (It will not be enabled even when the power switch is turned off and then back to **ON**.)

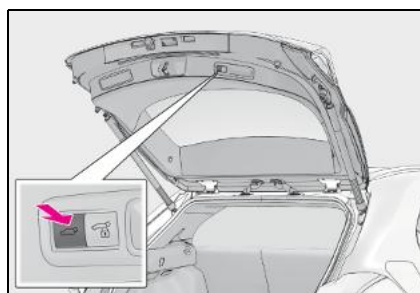
Adjusting the open position of the back door (vehicles with power back door)

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

- 1 Stop the back door in the desirable position. (→P.187)
- 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.

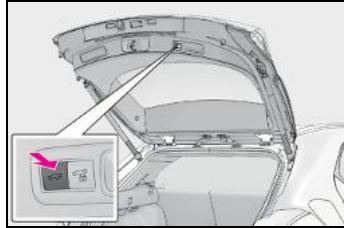
When opening the back door the next time, the back door will stop at that position.



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

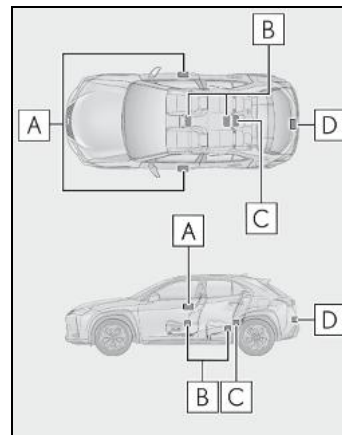
The following operations can be performed simply by carrying the electronic key (including the card key) on your person, for example in your pocket. The driver should always carry the electronic key.

- Locks and unlocks the doors (vehicles with entry function) (→P.180)
- Locks and unlocks the back door (vehicles with entry function) (→P.180)
- Starts the EV system (→P.226)

4

Before driving

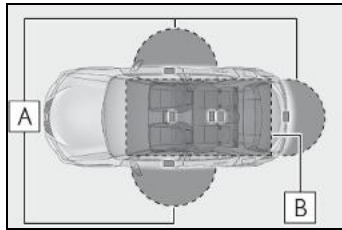
■ Antenna location



- A** Antennas outside the cabin (vehicles with entry function)
- B** Antennas inside the cabin
- C** Antenna inside the luggage compartment
- D** Antenna outside the luggage compartment

ment (vehicles with entry function)

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



A When locking or unlocking the doors (vehicles with entry function)

The system can be operated when the electronic key is within about 0.7 m (2.3 ft.) of an outside front door handle. (Only the doors detecting the key can be operated.)

B When starting the EV system or changing power switch modes

The system can be operated when the electronic key is inside the vehicle.

■ **If an alarm sounds or a warning message is displayed**

An alarm sounds and warning messages are displayed on the multi-information display to protect against unexpected accidents or theft of the vehicle resulting from erroneous operation. When a warning message is displayed, take appropriate measures based on the displayed message. When only an alarm sounds, circumstances and correction procedures are as follows.

- When an exterior alarm sounds once for 5 seconds (vehicles with entry function)

Situation	Correction procedure
An attempt was made to lock the vehicle while a door was open.	Close all of the doors and lock the doors again.

- When an interior alarm pings repeatedly

Situation	Correction procedure
The power switch was turned to ACC while the driver's door was open (The driver's door was opened when the power switch was in ACC).	Turn the power switch off and close the driver's door.
The power switch was turned off while the driver's door was open.	Close the driver's door.

■ **If Key Detected In Vehicle is shown on the multi-information display**

An attempt was made to lock the doors using the smart entry & start system while the electronic key was still inside the vehicle. Retrieve the electronic key from the vehicle and lock the doors again.

■ **Battery-saving function (vehicles with entry function)**

The battery-saving function will be activated in order to prevent the electronic key battery and the 12-volt battery from being discharged while the vehicle is not in operation for a long time.

- In the following situations, the smart entry & start system may take some time to unlock the doors.



The electronic key has been left in an area of approximately 2 m (6 ft.) of the outside of the vehicle for 10 minutes or longer.

The smart entry & start system has not been used for 5 days or longer.

- If the smart entry & start system has not been used for 14 days or longer, the doors cannot be unlocked at any doors except the driver's door. In this case, take hold of the driver's door handle, or use the wireless remote control or the mechanical key, to unlock the doors.

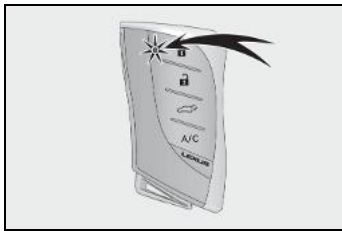
■ Turning an electronic key to battery-saving mode

- When battery-saving mode is set, battery depletion is minimized by stopping the electronic key from receiving radio waves.

Press  twice while pressing and holding .

Confirm that the electronic key indicator flashes 4 times.

While the battery-saving mode is set, the smart entry & start system cannot be used. To cancel the function, press any of the electronic key buttons.



- Electronic keys that will not be used for long periods of time can be set to the battery-saving mode in advance.

■ 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 use weak radio waves. In the following situations, the communication between the electronic key and the vehicle may be affected, preventing the smart entry & start system, wireless remote control and immobilizer system from operating properly. (Ways of coping:→P.454)

- When the electronic key battery is depleted

- Near a TV tower, electric power plant, gas station, radio station, large display, airport or other facility that generates strong radio waves or electrical noise
 - When carrying a portable radio, cellular phone, cordless phone or other wireless communication device
 - When the electronic key is in contact with, or is covered by the following 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 keys (that emit radio waves) are being used nearby
 - When carrying the electronic key together with the following devices that emit radio waves
 - Another vehicle's electronic key or a wireless key that emits radio waves
 - Personal computers or personal digital assistants (PDAs)
 - Digital audio players
 - Portable game systems
 - If window tint with a metallic content or metallic objects are attached to the rear window
 - When the electronic key is placed near a battery charger or electronic devices
 - When the vehicle is parked in a pay parking spot where radio waves are emitted
- ### ■ Note for the entry function
- Even when the electronic key is within the effective range (detection areas), the system may not operate properly in the following cases:
 - The electronic key is too close to the window or outside door handle, near the ground, or in a high place when the doors are locked or unlocked.
 - The electronic key is on the instrument panel, luggage room, floor, or in the door pockets or glove box when the EV system is started or power switch modes are changed.

- Do not leave the electronic key on top of the instrument panel or near the door pockets when exiting the vehicle. Depending on the radio wave reception conditions, it may be detected by the antenna outside the cabin and the door will become lockable from the outside, possibly trapping the electronic key inside the vehicle.
 - As long as the electronic key is within the effective range, the doors may be locked or unlocked by anyone. However, only the doors detecting the electronic key can be used to unlock the vehicle.
 - Even if the electronic key is not inside the vehicle, it may be possible to start the EV system if the electronic key is near the window.
 - The doors may unlock if a large amount of water splashes on the door handle, such as in the rain or in a car wash when the electronic key is within the effective range. (The doors will automatically be locked after approximately 30 seconds if the doors are not opened and closed.)
 - If the wireless remote control is used to lock the doors when the electronic key is near the vehicle, there is a possibility that the door may not be unlocked by the entry function. (Use the wireless remote control to unlock the doors.)
 - Touching the door lock sensor while wearing gloves may delay or prevent lock operation. Remove the gloves and touch the lock sensor again.
 - If the door handle becomes wet while the electronic key is within the effective range, the door may lock and unlock repeatedly. In that case, follow the following correction procedures to wash the vehicle:
Place the electronic key in a location 2 m (6 ft.) or more away from the vehicle. (Take care to ensure that the key is not stolen.)
Set the electronic key to battery-saving mode to disable the smart entry & start system. (→P.199)
 - If the electronic key is inside the vehicle and a door handle becomes wet during a car wash, a buzzer may sound outside the vehicle and Key Detected In Vehicle may be shown on the multi-information display. To turn off the alarm, lock all the doors.
 - The lock sensor may not work properly if it comes into contact with ice, snow, mud, etc. Clean the lock sensor and attempt to operate it again.
 - A sudden approach to the effective range or door handle may prevent the doors from being unlocked. In this case, return the door handle to the original position and check that the doors unlock before pulling the door handle again.
 - If there is another electronic key in the detection area, it may take slightly longer to unlock the doors after the door handle is gripped.
- **When the vehicle is not driven for extended periods**
- Vehicles with entry function: To prevent theft of the vehicle, do not leave the electronic key within 2 m (6 ft.) of the vehicle.
 - The smart entry & start system can be deactivated in advance.
 - Setting the electronic key to battery-saving mode helps to reduce key battery depletion. (→P.199)
- **To operate the system properly**
- Make sure to carry the electronic key when operating the system. Do not get the electronic key too close to the vehicle when operating the system from the outside of the vehicle.
- Depending on the position and holding condition of the electronic key, the key may not be detected correctly and the system may not operate properly. (The alarm may go off accidentally, or the door lock prevention may not operate.)
- **If the smart entry & start system does not operate properly**
- If the doors cannot be locked or unlocked, perform the following. Bring the electronic key close to the door handle and perform a lock or unlock

operation.

Use the wireless remote control.

If the doors cannot be locked or unlocked by perform the above, use the mechanical key. (→P.454)

However, if the mechanical key is used while the alarm system is set, the warning will sound. (→P.74)

- If the EV system cannot be started, refer to P.455

■ Customization

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

(Customizable features:P.475)

If the smart entry & start system has been deactivated by a customized setting, refer to the explanations for the following operations.

- Locking and unlocking the doors:
Use the wireless remote control or mechanical key. (→P.180, 454)
- Starting the EV system and changing power switch modes: →P.455
- Stopping the EV system: →P.228

- Users of any electrical medical device other than implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should consult the manufacturer of the device for information about its operation under the influence of radio waves. Radio waves could have unexpected effects on the operation of such medical devices.

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



WARNING

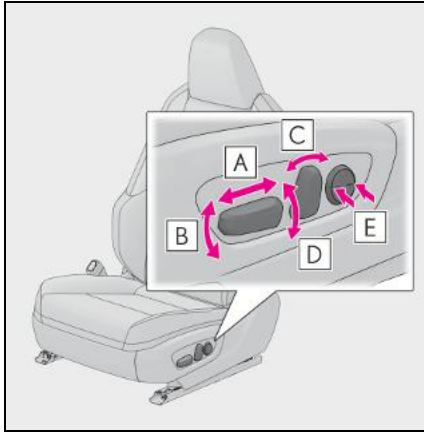
■ Caution regarding interference with electronic devices

- 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.197) 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.

Front seats

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

Adjustment procedure



- A** Seat position adjustment switch
- B** Seat cushion (front) angle adjustment switch
- C** Seatback angle adjustment switch
- D** Vertical height adjustment switch
- E** Lumbar support adjustment switch (for driver's side)

■ When adjusting the seat

- Make sure that any surrounding passengers or objects are not contact the seat.
- Take care when adjusting the seat so that the head restraint does not touch the ceiling.

⚠ WARNING

■ When adjusting the seat position

- Take care when adjusting the seat position to ensure that other passengers are not injured by the moving seat.
- Do not put your hands under the seat or near the moving parts to avoid injury. Fingers or hands may become jammed in the seat mechanism.
- Make sure to leave enough space around the feet so they do not get stuck.

■ Seat adjustment

To reduce the risk of sliding under the lap belt during a collision, do not recline the seat more than necessary. If the seat is too reclined, the lap belt may slide past the hips and apply restraint forces directly to the abdomen, or your neck may contact the shoulder belt, increasing the risk of death or serious injury in the event of an accident. Adjustments should not be made while driving as the seat may unexpectedly move and cause the driver to lose control of the vehicle.

Rear seats

The seatbacks of the rear seats can be folded down.

Folding down the rear seatbacks

■ **Before folding down the rear seatbacks**

- 1 Park the vehicle in a safe place.

Apply the parking brake firmly and shift the shift position to P. (→P.236)

- 2 Adjust the position of the front seat and the angle of the seatback. (→P.202)

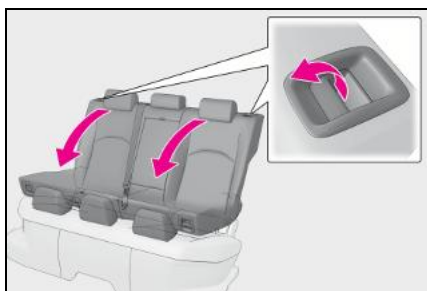
Depending on the position of the front seat, if the seatback is folded backward, it may interfere with the operation of the rear seat.

- 3 Lower the head restraint of the rear seat. (→P.204)
- 4 Stow the armrest of the rear seat if it is pulled out. (→P.373)

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

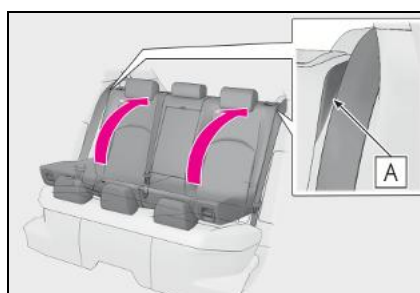
■ **Folding down rear seatbacks**

Pull the seatback lock release lever and fold the seatback down.



■ **Returning the rear seatbacks**

To avoid trapping the seat belt between the seat and the inside of the vehicle, pass the seat belt inside the seat belt guide **A** and then return the seatback securely to the locked position.



! WARNING

■ **When folding the rear seatbacks down**

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

- Do not attempt to fold the seatbacks down while driving.
- Stop the vehicle on level ground, set the parking brake and shift the shift position to P.
- Do not allow anyone to sit on a folded seatback or in the luggage compartment while driving.
- Do not allow children to enter the luggage compartment.
- Do not operate the rear seat if it is occupied.
- Be careful not to get feet or hands caught in the moving parts or joints of the seats during operation.
- Do not allow children to operate the seat.

⚠ WARNING

■ **After returning the rear seatback to the upright position**

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

- Make sure that the seatback is securely locked in position by lightly pushing it back and forth. If the seatback is not securely locked, the red marking will be visible on the seatback lock release lever. Make sure that the red marking is not visible.



- Check that the seat belts are not twisted or caught in the seatback.

Head restraints

Head restraints are provided for all seats.

⚠ WARNING

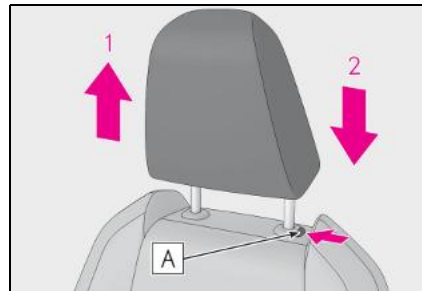
■ **Head restraint precautions**

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

- Use the head restraints designed for each respective seat.
- Adjust the head restraints to the correct position at all times.
- After adjusting the head restraints, push down on them and make sure they are locked in position.
- Do not drive with the head restraints removed.

Vertical adjustment

■ **Front seats**



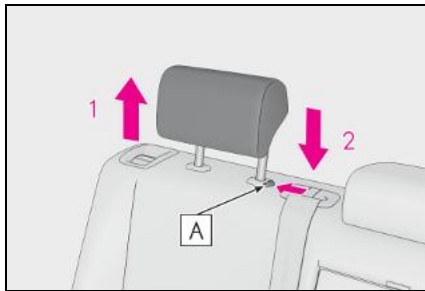
1 Up

Pull the head restraints up.

2 Down

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

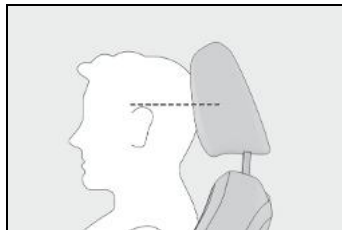
■ **Rear seats**



- 1 Up**
Pull the head restraints up.
- 2 Down**
Push the head restraint down while pressing the lock release button **A**.

■ **Adjusting the height of the head restraints (front seats)**

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

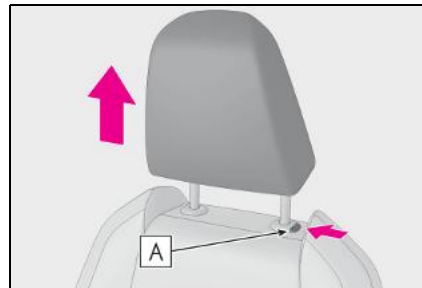


■ **Adjusting the rear seat head restraint**

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

Removing the head restraints

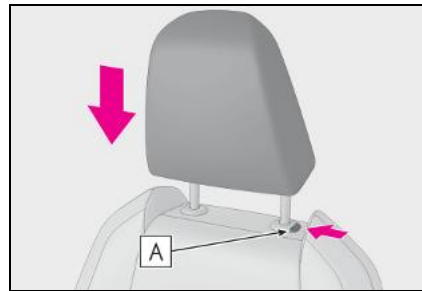
Pull the head restraint up while pressing the lock release button **A**.
If the head restraint touches the ceiling, making the removal difficult, change the seat height or angle. (→P.202, 203)



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.

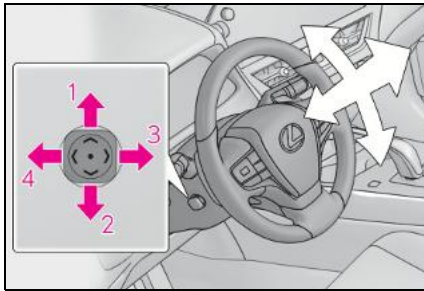


4
Before driving

Steering wheel

Adjustment procedure

Operating the switch moves the steering wheel in the following directions:



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

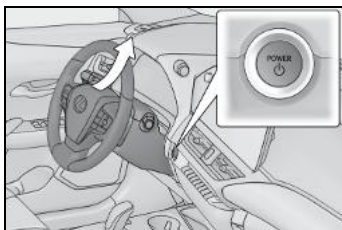
■ The steering wheel can be adjusted when

The power switch is in ACC or ON*.

*: If the driver's seat belt is fastened, the steering wheel can be adjusted regardless of power switch mode.

■ Enabling easier driver entry and exit (auto tilt away)

When the power switch is turned off, the steering wheel returns to its stowed position by moving up and away. Turning the power switch to ACC or ON will return the steering wheel to the original position.



■ Customization

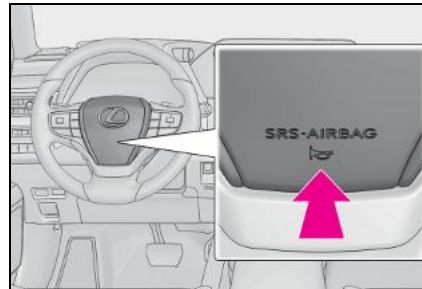
The auto tilt away function can be changed. (Customizable features:→P.476)


⚠ WARNING

■ Caution while driving

Do not adjust the steering wheel while driving. Doing so may cause the driver to mishandle the vehicle and cause an accident, resulting in death or serious injury.

Sounding the horn



Press on or close to the  mark.

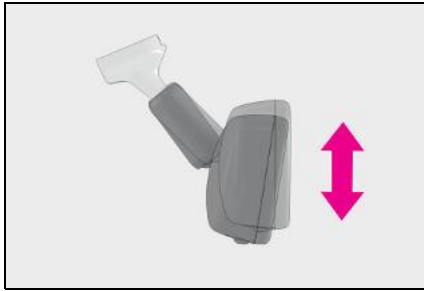
Inside rear view mirror

The rear view mirror's position can be adjusted to enable sufficient confirmation of the rear view.

Adjusting the height of rear view mirror

The height of the rear view mirror can be adjusted to suit your driving posture.

Adjust the height of the rear view mirror by moving it up and down.



⚠ WARNING

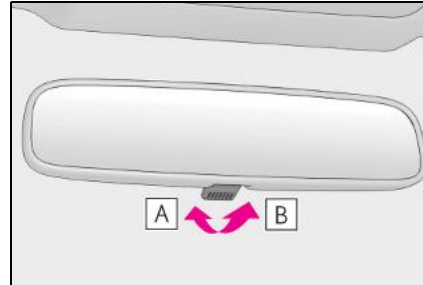
■ Caution while driving

Do not adjust the position of the mirror while driving. Doing so may lead to mishandling of the vehicle and cause an accident, resulting in death or serious injury.

Anti-glare function

- ▶ Manual anti-glare inside rear view mirror

Reflected light from the headlamps of vehicles behind can be reduced by operating the lever.



A Normal position

B Anti-glare position

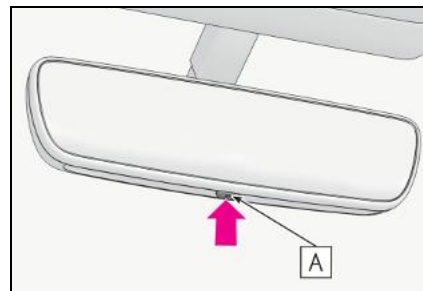
- ▶ Auto anti-glare inside rear view mirror

Responding to the level of brightness of the headlights of vehicles behind, the reflected light is automatically reduced.

Turn the automatic anti-glare function mode on/off

When the automatic anti-glare function is in ON, the indicator **A** illuminates. The function will set to ON each time the power switch is turned to ON.

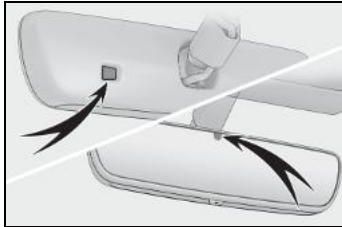
Pressing the button turns the function to OFF mode. (The indicator **A** also turns off.)



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

To ensure that the sensors operate prop-

erly, do not touch or cover them.



Outside rear view mirrors

The rear view mirror's position can be adjusted to enable sufficient confirmation of the rear view.

■ 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

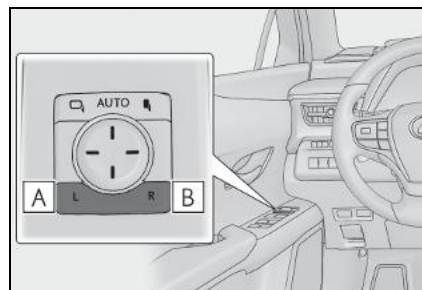
Observe the following precautions while driving.

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

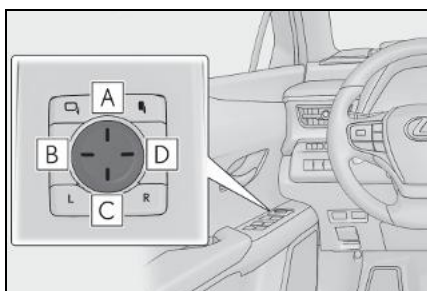
- 1 To select a mirror to adjust, press the switch.



A Left

B Right

2 To adjust the mirror, press the switch.



A Up

B Left

C Down

D Right

■ **Mirror angle can be adjusted when**

The power switch is in ACC or ON.

■ **Defogging the mirrors**

The outside rear view mirrors can be cleared using the mirror defoggers. Turn on the rear window defogger to turn on the outside rear view mirror defoggers. (→P.342)

■ **Auto anti-glare function (if equipped)**

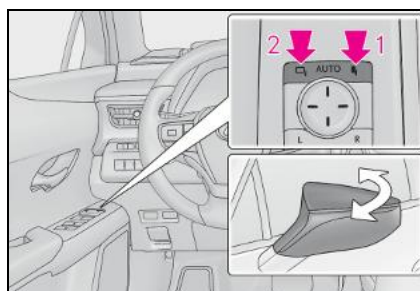
When the anti-glare inside rear view mirror is set to automatic mode, the driver's side outside rear view mirror will activate in conjunction with the anti-glare inside rear view mirror to reduce reflected light. (→P.207)

! WARNING

■ **When the mirror defoggers are operating**

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

Folding and extending the mirrors



1 Fold

2 Extend

Vehicles with automatic mode: Putting the outside rear view mirror folding switch in the neutral position sets the mirrors to automatic mode. Automatic mode allows the folding or extending of the mirrors to be linked to locking/unlocking of the doors.

■ **Customization**

The automatic mirror folding and extending operation can be changed. (Customizable features:→P.476)

! 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 revers-

ing in order to give a better view of the ground.

To disable this function, move the mirror select switch to the neutral position (between L or R)

■ **Adjusting the mirror angle when the vehicle is reversing**

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

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

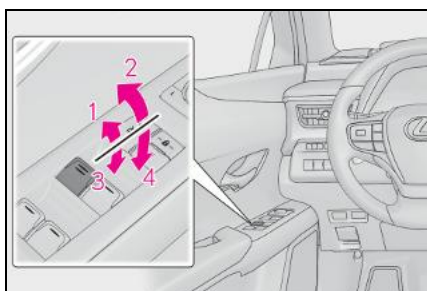
The memorized downward tilt position of the mirror is linked to the normal position (angle adjusted with the shift position in other than R). Therefore, if the normal position is changed after adjustment, the tilt position will also change.

When the normal position is changed, readjust the angle in reversing.

Power windows

Opening and closing the power windows

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



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

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

■ The power windows can be operated when

The power switch is in ON.

■ Operating the power windows after turning the EV system off

The power windows can be operated for approximately 45 seconds even after the power switch is turned to ACC or OFF. They cannot, however, be operated once either front door is opened.

■ Jam protection function

If an object becomes jammed between the window and the window frame while the window is closing, window movement is stopped and the window is opened slightly.

■ Catch protection function

If an object becomes caught between the

door and window while the window is opening, window movement is stopped.

■ When the window cannot be opened or closed

When the jam protection function or catch protection function operates unusually and the side window cannot be opened or closed, perform the following operations with the power window switch of that door.

- Stop the vehicle. With the power switch in ON, within 4 seconds of the jam protection function or catch protection function activating, continuously operate the power window switch in the one-touch closing direction or one-touch opening direction so that the side window can be opened and closed.

- If the side window cannot be opened and closed even when performing the above operations, perform the following procedure for function initialization.

- 1 Turn the power switch to ON.
- 2 Pull and hold the power window switch in the one-touch closing direction and completely close the side window.
- 3 Release the power window switch for a moment, resume pulling the switch in the one-touch closing direction, and hold it there for approximately 6 seconds or more.
- 4 Press and hold the power window switch in the one-touch opening direction. After the side window is completely opened, continue holding the switch for an additional 1 second or more.
- 5 Release the power window switch for a moment, resume pushing the switch in the one-touch opening direction, and hold it there for approximately 4 seconds or more.
- 6 Pull and hold the power window switch in the one-touch closing direction again. After the side window is completely closed, continue holding the switch for a further 1 second or more.

If you release the switch while the window is moving, start again from the beginning. If the window reverses and cannot be fully

closed or opened, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ Door lock linked window operation

- The power windows can be opened and closed using the mechanical key.* (→P.455)
- The power windows can be opened and closed using the wireless remote control.* (→P.180)

*: 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.477)

⚠ 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.212)
- Check to make sure that all passengers do not have any part of their body in a position where it could be caught when a window is being operated.

- When using the wireless remote control or mechanical key and operating the power windows, operate the power window after checking to make sure that there is no possibility of any passenger having any of their body parts caught in the window. Also do not let a child operate window by the wireless remote control or mechanical key. It is possible for children and other passengers to get caught in the power window.

- When exiting the vehicle, turn the power switch off, carry the key and exit the vehicle along with the child. There may be accidental operation, due to mischief, etc., that may possibly lead to an accident.

■ Jam protection function

- Never use any part of your body to intentionally activate the jam protection function.
- The jam protection function may not work if something gets jammed just before the window is fully closed. Be careful not to get any part of your body jammed in the window.

■ Catch protection function

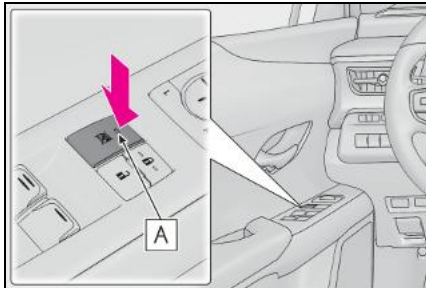
- Never use any part of your body or clothing to intentionally activate the catch protection function.
- The catch protection function may not work if something gets caught just before the window is fully opened. Be careful not to get any part of your body or clothing caught in the window.

Preventing accidental operation (window lock switch)

This function is designed to prevent children from accidentally opening or closing a passenger window.

Press the switch.

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



■ **The power windows can be operated when**

The power switch is in ON.

■ **When the 12-volt battery is disconnected**

The window lock switch is disabled. If necessary, press the window lock switch after reconnecting the 12-volt battery.

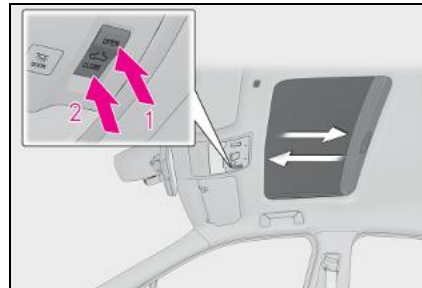
Moon roof*

*: If equipped

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

Operating the moon roof

■ **Opening and closing**



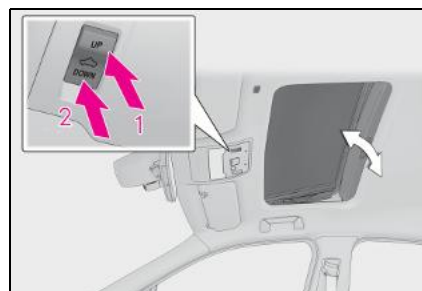
1 Opens the moon roof*

The moon roof tilts up and then fully opens.

2 Closes the moon roof*

*: Lightly press either side of the moon roof switch to stop the moon roof partway.

■ **Tilting up and down**



1 Tilts the moon roof up*

2 Tilts the moon roof down*

*: Lightly press either side of the moon roof

4

Before driving

switch to stop the moon roof partway.

■ **The moon roof can be operated when**

The power switch is in ON.

■ **Operating the moon roof after turning the EV system off**

The moon roof can be operated for approximately 45 seconds after the power switch is turned to ACC or OFF. It cannot, however, be operated once either front door is opened.

■ **Jam protection function**

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

■ **Sunshade**

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

■ **Door lock linked moon roof operation**

- The moon roof can be opened and closed using the mechanical key.* (→P.455)
- The moon roof can be opened and closed using the wireless remote control.* (→P.180)

* : 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.477)

 **WARNING**

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

**WARNING****■ Opening the moon roof**

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

■ Opening and closing the moon roof

- The driver is responsible for moon roof opening and closing operations. In order to prevent accidental operation, especially by a child, do not let a child operate the moon roof. It is possible for children and other passengers to have body parts caught in the moon roof.
- Check to make sure that all passengers do not have any part of their body in a position where it could be caught when the moon roof is being operated.
- When using the wireless remote control or mechanical key and operating the moon roof, operate the moon roof after checking to make sure that there is no possibility of any passenger having any of their body parts caught in the moon roof. Also, do not let a child operate moon roof by the wireless remote control or mechanical key. It is possible for children and other passengers to get caught in the moon roof.
- When exiting the vehicle, turn the power switch off, carry the key and exit the vehicle along with the child. There may be accidental operation, due to mischief, etc., that may possibly lead to an accident.

■ Jam protection function

- Never use any part of your body to intentionally activate the jam protection function.

- The jam protection function may not work if something gets caught just before the moon roof is fully closed. Also, the jam protection function is not designed to operate while the moon roof switch is being pressed. Take care so that your fingers, etc. do not get caught.

- 5-1. Before driving**
 - Driving the vehicle..... **218**
 - Cargo and luggage..... **224**
 - Trailer towing..... **225**
- 5-2. Driving procedures**
 - Power (ignition) switch..... **226**
 - Shift position..... **230**
 - Turn signal lever **235**
 - Parking brake **236**
 - Brake Hold..... **239**
 - ASC (Active Sound Control/Acceleration Sound Control)..... **241**
- 5-3. Operating the lights and wipers**
 - Headlight switch..... **242**
 - AHS (Adaptive High-beam System)..... **244**
 - AHB (Automatic High Beam)..... **248**
 - Fog light switch **251**
 - Windshield wipers and washer **252**
 - Rear window wiper and washer **257**
- 5-4. Using the driving support systems**
 - Lexus Safety System + **259**
 - PCS (Pre-Collision System) **264**
 - LTA (Lane Tracing Assist)..... **274**
 - RSA (Road Sign Assist)..... **284**
 - Dynamic radar cruise control with full-speed range..... **288**
 - BSM (Blind Spot Monitor).... **300**
 - PKSA (Parking Support Alert) **304**
 - Lexus parking assist-sensor . **305**
 - RCTA (Rear Crossing Traffic Alert) function **313**
 - PKSB (Parking Support Brake) **318**
 - Parking Support Brake function (static objects)..... **323**
 - Parking Support Brake function (rear-crossing vehicles) **325**
 - Driving mode select switch ... **327**
 - Driving assist systems **328**
- 5-5. Driving tips**
 - Winter driving tips..... **333**
 - Utility vehicle precautions..... **335**

Driving the vehicle

The specified procedures should be observed to ensure safe driving:

Driving procedure

■ Before starting the EV system

Check that the charging cable is disconnected. (→P.115, 123)

■ Starting the EV system

→P.226

■ 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.236)
- 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.231)

■ 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.236)
- 3 Shift the shift position to P. (→P.231)

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

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

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

■ Starting off on a steep uphill

- 1 Firmly depress the brake pedal and shift the shift position to D.

The hill-start assist control will be activated.

- 2 Set the parking brake. (→P.236)
- 3 Release the brake pedal and gently depress the accelerator pedal to accelerate the vehicle.
- 4 Release the parking brake. (→P.236)

■ When starting off on a uphill

The hill-start assist control will be activated. (→P.328)

■ Driving in the rain

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

■ Restraining the EV system output (Brake Override System)

- When the accelerator and brake pedals are depressed at the same time, the EV system output may be restrained.
- A warning message is displayed on the multi-information display 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 (186 miles):
Avoid sudden stops.
- For the first 1000 km (621 miles):
Do not drive at extremely high speeds.
Avoid sudden acceleration.
Do not drive at a constant speed for extended periods.



WARNING

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

■ When starting the vehicle

Always keep your foot on the brake pedal while stopped with the READY indicator is illuminated. This prevents the vehicle from creeping.

■ When driving the vehicle

- Do not drive if you are unfamiliar with the location of the brake and accelerator pedals to avoid depressing the wrong pedal.

Accidentally depressing the accelerator pedal instead of the brake pedal will result in sudden acceleration that may lead to an accident.

When backing up, you may twist your body around, leading to a difficulty in operating the pedals. Make sure to operate the pedals properly.

Make sure to keep a correct driving posture even when moving the vehicle only slightly. This allows you to depress the brake and accelerator pedals properly.

Depress the brake pedal using your right foot. Depressing the brake pedal using your left foot may delay response in an emergency, resulting in an accident.

- The driver should pay extra attention to pedestrians. As there is no engine noise, the pedestrians may misjudge the vehicle's movement. Even though the vehicle is equipped with the Acoustic Vehicle Alerting System, drive with care as pedestrians in the vicinity may still not notice the vehicle if the surrounding area is noisy.
- During normal driving, do not turn off the EV system. Turning the EV system off while driving will not cause loss of steering or braking control, however, power assist to the steering will be lost. This will make it more difficult to steer smoothly, so you should pull over and stop the vehicle as soon as it is safe to do so. In the event of an emergency, such as if it becomes impossible to stop the vehicle in the normal way:
→P.420

**WARNING**

- Use regenerative braking to maintain a safe speed when driving down a steep hill. Using the brakes continuously may cause the brakes to overheat and lose effectiveness. (→P.230)
 - If Regenerative Braking Limited Press Brake to Decelerate appears on the multi-information display, firmly depress the brake pedal to decelerate the vehicle. (→P.438)
 - Do not adjust the positions of the steering wheel, the seat, or the inside or outside rear view mirrors while driving. Doing so may result in a loss of vehicle control.
 - Always check that all passengers arms, heads or other parts of their body are not outside the vehicle.
 - Do not drive across a river or through other bodies of water. This may cause electric/electronic components to short circuit, damage the EV system or cause other serious damage to the vehicle.
- **When driving on slippery road surfaces**
- Sudden braking, acceleration and steering may cause tire slippage and reduce your ability to control the vehicle.
 - Sudden acceleration or regenerative braking due to shift changing could cause the vehicle to skid, resulting in an accident.
 - After driving through a puddle, lightly depress the brake pedal to make sure that the brakes are functioning properly. Wet brake pads may prevent the brakes from functioning properly. If the brakes on only one side are wet and not functioning properly, steering control may be affected.

■ When shifting the shift position

- Do not let the vehicle roll backward while a forward driving position is selected, or roll forward while the shift position is in R. Doing so may result in an accident or damage to the vehicle.
- Do not shift the shift position to P while the vehicle is moving. Doing so can damage the transmission and may result in a loss of vehicle control.
- Do not shift the shift position to R while the vehicle is moving forward. Doing so can damage the transmission and may result in a loss of vehicle control.
- Do not shift the shift position to a driving position while the vehicle is moving backward. Doing so can damage the transmission and may result in a loss of vehicle control.
- Changing the shift position to N while the vehicle is moving will disengage the EV system. Regenerative braking is not available with the EV 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.

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

Have the brake pads checked and replaced by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as soon as possible. Rotor damage may result if the pads are not replaced when needed.

Front brakes only (except Israel): Moderate levels of brake pad and disc wear allow enhanced front braking power. As a result, the discs may wear more quickly than conventional brake discs. Therefore, when replacing the brake pads, Lexus recommends that you also have the thickness of the discs measured. It is dangerous to drive the vehicle when the wear limits of the brake pads and/or those of the brake discs are exceeded.

■ When the vehicle is stopped

- Do not depress the accelerator pedal unnecessarily.
If the shift position is in any position other than P or N, the vehicle may accelerate suddenly and unexpectedly, causing an accident.
- In order to prevent accidents due to the vehicle rolling away, always keep depressing the brake pedal while stopped with the READY indicator illuminated, and apply the parking brake as necessary.
- If the vehicle is stopped on an incline, in order to prevent accidents caused by the vehicle rolling forward or backward, always depress the brake pedal and securely apply the parking brake as needed.

■ When the vehicle is parked

- Do not leave glasses, cigarette lighters, spray cans, or soft drink cans in the vehicle when it is in the sun.
Doing so may result in the following:
Gas may leak from a cigarette lighter or spray can, and may lead to a fire.
The temperature inside the vehicle may cause the plastic lenses and plastic material of glasses to deform or crack.
Soft drink cans may fracture, causing the contents to spray over the interior of the vehicle, and may also cause a short circuit in the vehicle's electrical components.
- Do not leave cigarette lighters in the vehicle. If a cigarette lighter is in a place such as the glove box or on the floor, it may be lit accidentally when luggage is loaded or the seat is adjusted, causing a fire.
- Do not attach adhesive discs to the windshield or windows. Do not place containers such as air fresheners on the instrument panel or dashboard. Adhesive discs or containers may act as lenses, causing a fire in the vehicle.
- Do not leave a door or window open if the curved glass is coated with a metallized film such as a silver-colored one. Reflected sunlight may cause the glass to act as a lens, causing a fire.
- Always apply the parking brake, shift the shift position to P, stop the EV system and lock the vehicle.
Do not leave the vehicle unattended while the READY indicator is illuminated.
If the vehicle is parked with the shift position in P but the parking brake is not set, the vehicle may start to move, possibly leading to an accident.

**WARNING****■ When taking a nap in the vehicle**

Always turn the EV system off. Otherwise, you may accidentally move the shift lever or depress the accelerator pedal, causing the vehicle to unintentionally move, which can lead to an accident, resulting in death or serious injury.

■ When braking

- When the brakes are wet, drive more cautiously.
Braking distance increases when the brakes are wet, and this may cause one side of the vehicle to brake differently than the other side. Also, the parking brake may not securely hold the vehicle.
- If the electronically controlled brake system does not operate, do not follow other vehicles closely and avoid hills or sharp turns that require braking. In this case, braking is still possible, but the brake pedal should be depressed more firmly than usual. Also, the braking distance will increase. Have your brakes fixed immediately.
- The brake system consists of 2 or more individual hydraulic systems; if one of the systems fails, the other(s) will still operate. In this case, the brake pedal should be depressed more firmly than usual and the braking distance will increase. Have your brakes fixed immediately.

**NOTICE****■ When driving the vehicle**

- Do not depress the accelerator and brake pedals at the same time during driving, as this may restrain the EV system output.
- Do not use the accelerator pedal or depress the accelerator and brake pedals at the same time to hold the vehicle on a hill.

■ Avoiding damage to vehicle parts

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

■ If you get a flat tire while driving

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

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

Information on what to do in case of a flat tire (→P.440)

■ When encountering flooded roads

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

- Short in electrical components
- Traction battery damage caused by water immersion

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

- Brake function
- Changes in quantity and quality of transmission fluid, etc.

**NOTICE**

- Lubricant condition for the bearings and suspension joints (where possible), and the function of all joints, bearings, etc.
- Components connected to the traction battery.

If the shift control system is damaged by flooding, it may not be possible to shift the shift position to P, or from P to other positions. In this case, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ When parking the vehicle

Always set the parking brake, and shift the shift position to P. Failure to do so may cause the vehicle to move or the vehicle may accelerate suddenly if the accelerator pedal is accidentally depressed.

■ When involved in a minor accident

Damage to the traction battery or battery peripheral components could cause malfunctions. Even if it is a minor accident, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

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

When the following unusual operation is performed with the accelerator pedal depressed, the EV 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.329), 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.329) 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.

- 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 (if equipped)
- 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.466)
- 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.

⚠ WARNING

- If driving for a long distance, on rough roads, or at high speeds, stop the vehicle now and then during the trip to make sure the cargo remains in its place.
- Do not exceed 80 kg (176.3 lb.) cargo weight on the roof luggage carrier.

⚠ NOTICE

- **When loading cargo (vehicles with moon roof)**

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

Trailer towing

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



Power (ignition) switch


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

Starting the EV system

- 1 Check that the charging cable is disconnected. (→P.115, 123)
- 2 Press the parking brake switch to check that the parking brake is set. (→P.236)

Parking brake indicator will come on.

- 3 Firmly depress the brake pedal.

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

When the shift position is in N, the EV system cannot start. Shift the shift position to P when starting the EV system. (→P.231)

- 4 Press the power switch shortly and firmly.

When operating the power switch, one short, firm press is enough.

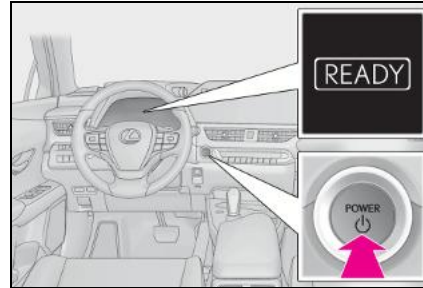
It is not necessary to press and hold the switch.

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

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

The EV system can be started from any

power switch mode.



- 5 Check that the READY indicator is illuminated.

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

Power switch illumination

According to the situation, the power switch illumination operates as follows.

- When a front door is opened, or the power switch mode is changed from ACC or ON to OFF, the power switch illumination slowly blinks.
- When depressing the brake pedal with carrying the electronic key on your person, the power switch illumination rapidly blinks.
- When the power switch is in ACC or ON, the power switch illumination illuminates.

If the EV system does not start

- The immobilizer system may not have been deactivated. (→P.72)
Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- The charging cable may be connected to the vehicle. (→P.112)
- If a message related to start-up is shown on the multi-information display, read the message and follow the instructions.
- The smart entry & start system may not be operating properly. (→P.455)
- If the door is unlocked with the mechanical key, the EV system cannot be started

using the smart entry & start system. Refer to P.455 to start the EV system. However, if the electronic key is carried inside the vehicle and the doors are locked (→P.183), the EV system can be started.

■ **When the ambient temperature is low, such as during winter driving conditions**

- When starting the EV system, the flashing time of the READY indicator may be long. Leave the vehicle as it is until the READY indicator is steady on, as steady means the vehicle is able to move.
- When the traction battery is extremely cold (below approximately -30°C [-22°F]) under the influence of the outside temperature, it may not be possible to start the EV system. In this case, try to start the EV system again after the temperature of the traction battery increases due to the outside temperature increase etc.

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

→P.82

■ **If the 12-volt battery is discharged**

The EV system cannot be started using the smart entry & start system. Refer to P.457 to restart the EV system.

■ **Electronic key battery depletion**

→P.176

■ **Conditions affecting operation**

→P.199

■ **Note for the entry function**

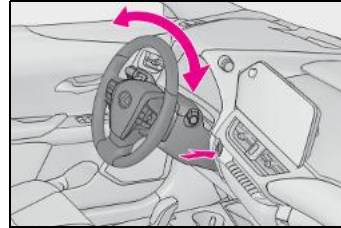
→P.199

■ **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 position is in P. Press the power switch shortly and firmly while turning the steering wheel left and right.



- To prevent the steering lock motor from overheating, operation of the motor may be suspended if the EV system is turned on and off repeatedly in a short period of time. In this case, refrain from operating the EV system. After about 10 seconds, the steering lock motor will resume functioning.

■ **If the READY indicator does not come on**

In the event that the READY indicator does not come on even after performing the proper procedures for starting the vehicle, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

■ **If the EV system is malfunctioning**

→P.86

■ **Electronic key battery**

→P.410

■ **Operation of the power switch**

- If the switch is not pressed shortly and firmly, the power switch mode may not change or the EV system may not start.
- If attempting to restart the EV system immediately after turning the power switch off, the EV system may not start in some cases. After turning the power switch off, please wait a few seconds before restarting the EV system.

■ **Customization**

If the smart entry & start system has been deactivated in a customized setting, refer to

P.454.

⚠ WARNING

■ **When starting the EV system**
 Always start the EV system while sitting in the driver's seat. Do not depress the accelerator pedal while starting the EV system under any circumstances. Doing so may cause an accident resulting in death or serious injury.

■ **Caution while driving (vehicles with steering lock function)**
 If EV system failure occurs while the vehicle is moving, do not lock or open the doors until the vehicle reaches a safe and complete stop. Otherwise, the steering lock function will activate and this may lead to an accident, resulting in death or serious injury.

⚠ NOTICE

■ **When starting the EV system**
 If the EV system becomes difficult to start, have your vehicle checked by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

■ **Symptoms indicating a malfunction with the power switch**
 If the power switch seems to be operating somewhat differently than usual, such as the switch sticking slightly, there may be a malfunction. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

Stopping the EV system

- 1 Stop the vehicle completely.
- 2 If the parking brake is in manual mode, set the parking brake. (→P.236)

- 3 Press the P position switch. (→P.231)

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

- 4 Press the power switch.

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

- 5 Release the brake pedal and check that ACCESSORY or IGNITION 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.

- **Automatic P position selection function**
 →P.232

⚠ WARNING**■ Stopping the EV system in an emergency**

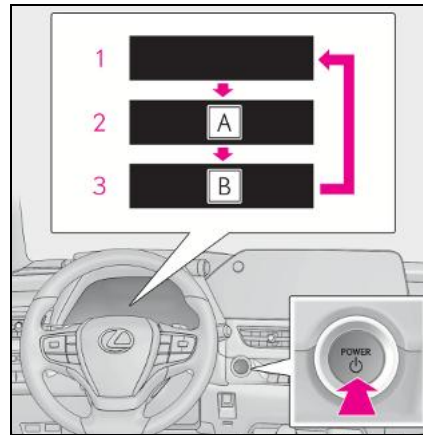
- If you want to stop the EV system in an emergency while driving the vehicle, press and hold the power switch for more than 2 seconds, or press it briefly 3 times or more in succession. (→P.420)

However, do not touch the power switch while driving except in an emergency. Turning the EV system off while driving will not cause loss of steering or braking control, however, power assist to the steering will be lost. This will make it more difficult to steer smoothly, so you should pull over and stop the vehicle as soon as it is safe to do so.

- If the power switch is operated while the vehicle is running, a warning message will be shown on the multi-information display and a buzzer sounds.
- When restarting the EV system after an emergency shutdown, press the power switch.

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** IGNITION 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.

IGNITION ON will be displayed on the meter.

■ Auto power off function

If the vehicle is left in ACC for more than 20 minutes or ON (the EV system is not operating) for more than an hour with the shift position in P, the power switch will automatically turn off. However, this function cannot entirely prevent the 12-volt battery discharge. Do not leave the vehicle with the power switch in ACC or ON for long periods of time when the EV system is not operating.

 NOTICE

- **To prevent 12-volt battery discharge**
- Do not leave the power switch in ACC or ON for long periods of time without the EV system on.
- If ACCESSORY or IGNITION ON is displayed on the multi-information display while the EV system is not operating, the power switch is not OFF. Exit the vehicle after turning the power switch off.

Shift position

Select the shift position depending on your purpose and situation.

Shift position purpose and functions

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

- **Restraining sudden start (Drive-Start Control)**
→P.223
- **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.391

⚠ WARNING

■ **When driving on slippery road surfaces**

Be careful of sudden acceleration, as this could result in the vehicle skidding to the side or spinning.

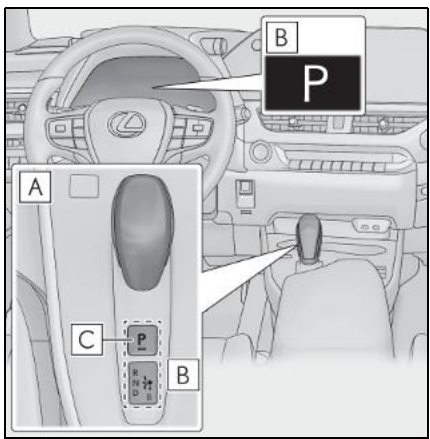
⚠ NOTICE

■ **Situations where shift control system malfunctions are possible**

If any of the following situations occur, shift control system malfunctions are possible. Immediately stop the vehicle in a safe place on level ground, apply the parking brake, and then contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- When the warning message indicating the shift control system malfunction appears on the multi-information display. (→P.437)
- 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



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.

- **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 directly.

■ 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
- When the P position switch is pressed

while driving

When driving at an extremely low speed, the shift position may change to P.

■ 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

■ 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 EV system has been stopped in an emergency while driving
- When voltage of the 12-volt battery drops while the shift position is in a position other than P

* : 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.457)

■ Customization

Some functions can be customized. (→P.477)

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.
- In order to prevent the shift position from accidentally being changed, do not touch the P position switch when not using it.

NOTICE

■ Notes regarding shift lever and P position switch operation

Avoid repeatedly operating the shift lever and P position switch in quick succession.

The system protection function may activate and it will not be temporarily possible to shift the shift position to a position other than P. If this happens, please wait for a while before attempting to change the shift position again.

■ 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.

When the power switch is changed to ACC with the shift position held in N

- Performing the following operations allows the power switch to be set to ACC with the shift position held in N.

- 1 Operate the shift lever and change the shift position to N when the EV system is operating.
- 2 Return the shift lever to its regular position (●).
- 3 Operate the shift lever to N and hold it there until the buzzer sounds.
- 4 Press the power switch within 5 seconds after the buzzer sounds.

The power switch will be set to ACC with the shift position in N.*

Make sure to check that the buzzer sounds and Holding N Push P Switch When Done is displayed on the multi-information display.

- To change to a shift position other than N, press the P position switch. The shift position will be changed to P.
- Even if the EV system is not operating, by operating the shift lever and the power switch, the power switch may be changed to ACC with the shift position held in N. Make sure that the EV system is operating before performing the operation.

*: 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

■ Driving mode

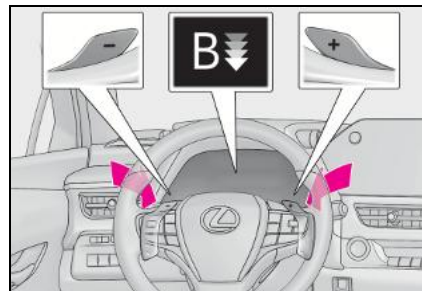
→P.327

Operation method for regenerative braking power selection mode

Shifting the shift position to B and operating the paddle shift switches enables driving with a fixed regenerative braking power when the acceleration pedal is released or the brake pedal is depressed.

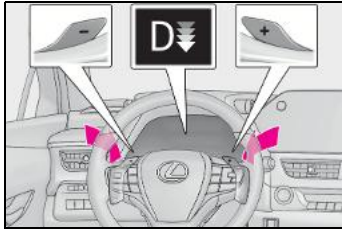
The regenerative braking power can be selected from 4 levels.

The regenerative braking power becomes strong as the number of the arrows ▼ of ▼ (regenerative braking power indicator) on the multi-information display increases.



■ To temporarily increase the regenerative braking power

Operating the - paddle shift switch while driving with the shift position in D increases the regenerative braking power. At this time, the regenerative braking power indicator will be displayed on the multi-information display.



The temporarily increase regenerative braking power is automatically deactivated in the following situations.

- The vehicle is stopped
- The accelerator pedal is continuously depressed for a certain period of time
- The shift position is shifted to a position other than D
- The + paddle shift switch is pressed and held

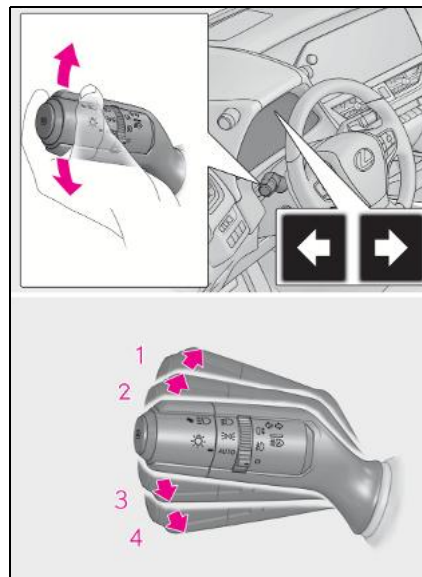
■ Using regenerative brake

- When driving at a high speed, the feeling of deceleration with regenerative braking is less than that on conventional vehicles.
- If Regenerative Braking Limited Press Brake to Decelerate appears on the multi-information display, firmly depress the brake pedal to decelerate the vehicle. (→P.438)

Turn signal lever

Operating instructions

The turn signal lever can be used to show the following intentions of the driver.



- 1 Right turn
- 2 Lane change to the right (move the lever partway and release it)
The right hand signals will flash 3 times.
- 3 Lane change to the left (move the lever partway and release it)
The left hand signals will flash 3 times.
- 4 Left turn

■ Turn signals can be operated when

The power switch is in ON.

■ If the indicator flashes faster than usual

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

- If the turn signals stop flashing before a lane change has been performed

Operate the lever again.

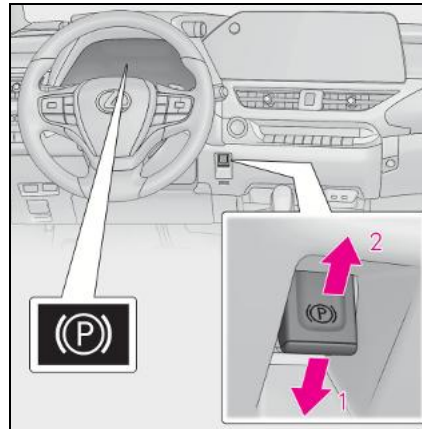
Parking brake

The parking brake can be set or released automatically or manually. In automatic mode, the parking brake can be set or released automatically according to shift lever operation. Also, even in automatic mode, the parking brake can be set or released manually.

Operating instructions

- Using the manual mode

The parking brake can be set and released manually.



- 1 Push the switch to set the parking brake

The parking brake indicator light will turn on.

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

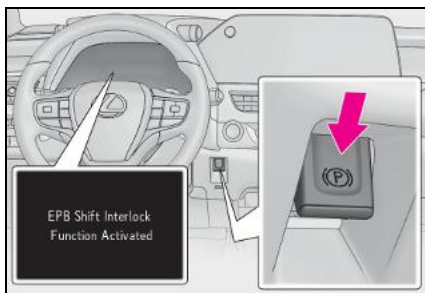
- 2 Pull the switch to release the parking brake

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

Make sure that the parking brake indicator light turn off.

■ **Turning the automatic mode on**

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



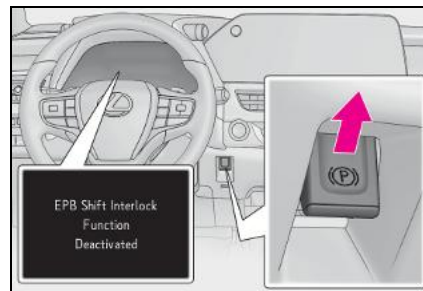
When the automatic mode is turned on, the parking brake operates as follows.

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

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

■ **Turning the automatic mode off**

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



■ **Parking brake operation**

- When the power switch is not in ON, the parking brake cannot be released using the parking brake switch.
- When the power switch is not in ON, automatic mode (automatic brake setting and releasing) is not available.

■ **Parking brake automatic release function**

- When the shift position is shifted from P, the parking brake will be released in automatic mode.
- When all of the following conditions are met in manual mode, the parking brake can be released by depressing the accelerator pedal.
The driver's door is closed
The driver is wearing the seat belt
The shift position is in D, B or R

■ **If Parking Brake Temporarily Unavailable is displayed on the multi-information display**

If the parking brake is operated repeatedly over a short period of time, the system may restrict operation to prevent overheating. If this happens, refrain from operating the parking brake. Normal operation will return after about 1 minute.

■ **If Parking Brake Unavailable or EPB Unavailable is displayed on the multi-information display**

Operate the parking brake switch. If the message does not disappear after operating the switch several times, the system may be malfunctioning. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **Parking brake operation sound**

When the parking brake operates, a motor sound (whirring sound) may be heard. This does not indicate a malfunction.

■ **Parking brake indicator light**

- Depending on the power switch mode, the parking brake indicator light will turn on and stay on as described below:
ON: Comes on until the parking brake is released.
Not in ON: Stays on for approximately 15 seconds.
- When the power switch is turned off with the parking brake set, the parking brake indicator light will stay on for about 15 seconds. This does not indicate a malfunction.

■ **When the parking brake switch malfunctions**

Automatic mode (automatic brake setting and releasing) will be turned on automatically.

■ **Parking the vehicle**

→P.218

■ **Parking brake engaged warning buzzer**

A buzzer will sound if the vehicle is driven with the parking brake engaged. EPB Applied is displayed on the multi-information display (with the vehicle reached a speed of 5 km/h [3 mph]).

■ **If the brake system warning light comes on**

→P.428

■ **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

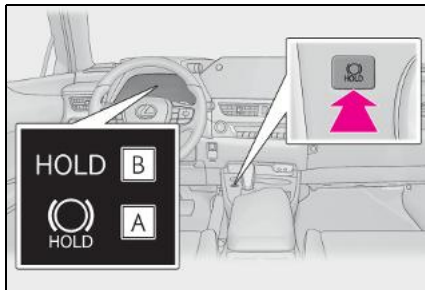
The brake hold system keeps the brake applied when the shift position is in D, B or N with the system on and the brake pedal has been depressed to stop the vehicle. The system releases the brake when the accelerator pedal is depressed with the shift position in D or B to allow smooth start off.

Enabling the system

Turns the brake hold system on

The brake hold standby indicator (green)

A comes on. While the system is holding the brake, the brake hold operated indicator (yellow) **B** comes on.



Brake hold system operating conditions

The brake hold system cannot be turned on in the following conditions:

- The driver's door is not closed.
- The driver is not wearing the seat belt.
- The parking brake is engaged.

If any of the conditions above are detected when the brake hold system is enabled, the system will turn off and the brake hold standby indicator light will go off. In addition, if any of the conditions are detected

while the system is holding the brake, a warning buzzer will sound and a message will be shown on the multi-information display. The parking brake will then be set automatically.

Brake hold function

- If the brake pedal is left released for a period of about 3 minutes after the system has started holding the brake, the parking brake will be set automatically. In this case, a warning buzzer sounds and a message is shown on the multi-information display.
- To turn the system off while the system is holding the brake, firmly depress the brake pedal and press the button again.
- The brake hold function may not hold the vehicle when the vehicle is on a steep incline. In this situation, it may be necessary for the driver to apply the brakes. A warning buzzer will sound and the multi-information display will inform the driver of this situation. If a warning message is shown on the multi-information display, read the message and follow the instructions.

When the parking brake is set automatically while the system is holding the brakes

Perform any of the following operations to release the parking brake.

- Depress the accelerator pedal. (The parking brake will not be released automatically if the seat belt is not fastened.)
- Operate the parking brake switch with the brake pedal depressed.

Make sure that the parking brake indicator light goes off. (→P.236)

When an inspection at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer is necessary

When the brake hold standby indicator (green) does not illuminate even when the brake hold switch is pressed with the brake hold system operating conditions met, the system may be malfunctioning. Have the

vehicle inspected at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **If Brake Hold Fault Depress Brake to Deactivate Visit Your Dealer or Brake Hold Malfunction Visit Your Dealer is displayed on the multi-information display**

The system may be malfunctioning. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

■ **Warning messages and buzzers**

Warning messages and buzzers are used to indicate a system malfunction or to inform the driver of the need for caution. If a warning message is shown on the multi-information display, read the message and follow the instructions.

■ **If the brake hold operated indicator flashes**

→P.430

 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.

 WARNING

■ **When the vehicle is on a steep incline**

When using the brake hold system on a steep incline, exercise caution. The brake hold function may not hold the vehicle in such a situation.

■ **When stopped on a slippery road**

The system cannot stop the vehicle when the gripping ability of the tires has been exceeded. Do not use the system when stopped on a slippery road.

ASC (Active Sound Control/Acceleration Sound Control)

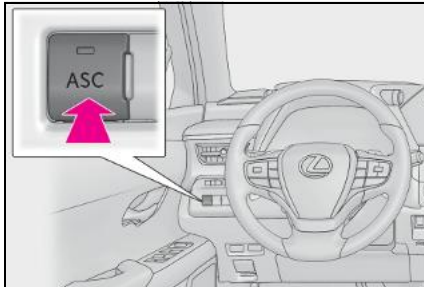
The ASC system directs certain sounds from the front of the cabin to the vehicle interior, and harmonizes these sounds with the actual sound of the electric motor in order to allow the driver to feel acceleration more strongly.

Turning ASC system on

Press the ASC switch.

The indicator on the switch will turn on.

Press the ASC switch again to turn the ASC system off.

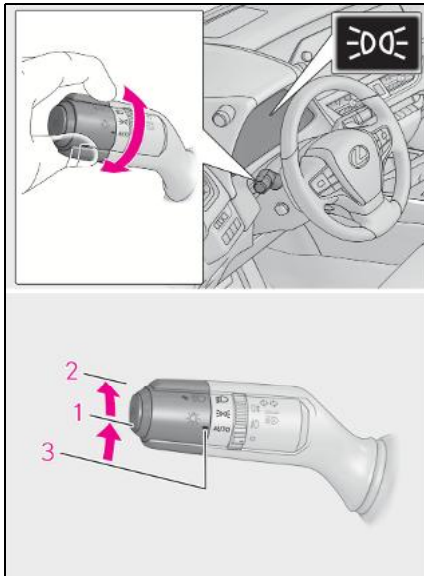




Headlight switch

The headlights can be operated manually or automatically.

Turning on the headlights

Operating the  switch turns on the lights as follows:



- 1  The front position, tail, license plate and instrument panel lights turn on.
- 2  The headlights and all the lights listed above turn on.
- 3 **AUTO** The headlights, daytime running lights (→P.242) and all the lights listed above turn on and off automatically.

■ AUTO mode can be used when

The power switch is in ON.

■ Daytime running light function

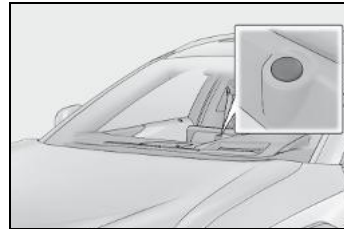
To make your vehicle more visible to other drivers during daytime driving, the daytime running lights turn on automatically whenever the EV system is started and the parking brake is released with the headlight

switch in the **AUTO** position. (Illuminate brighter than the front position lights.) Daytime running lights are not designed for use at night.



■ Headlight control sensor

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



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



■ Automatic light off system

- When the light switch is in  or :
The headlights and front fog lights (if equipped) turn off automatically if the power switch is turned to ACC or OFF.
- When the light switch is in **AUTO** position:
The headlights and all the lights turn off automatically if the power switch is turned to ACC or OFF.

To turn the lights on again, turn the power switch to ON, or turn the light switch to

AUTO position once and then back to  or .


■ Light reminder buzzer

A buzzer sounds when the power switch is turned off or turned to ACC and the driver's door is opened while the lights are turned on.

■ Automatic headlight leveling system

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

■ 12-volt battery-saving function

In order to prevent the 12-volt battery of the vehicle from discharging, if the light switch is in the  or AUTO position when the power switch is turned off, the 12-volt battery saving function will operate and automatically turn off all the lights after approximately 20 minutes.

When the power switch is turned to ON, the 12-volt battery-saving function will be disabled.

When any of the following are performed, the 12-volt battery-saving function is canceled once and then reactivated. All the lights will turn off automatically 20 minutes after the 12-volt battery-saving function has been reactivated:

- When the headlight switch is operated
- When a door is opened or closed

■ Welcome light illumination control

The front position lights automatically turn on at night when the doors are unlocked using the entry function or wireless remote control if the light switch is in the AUTO position.

■ Customization

Settings (e.g. light sensor sensitivity) can be

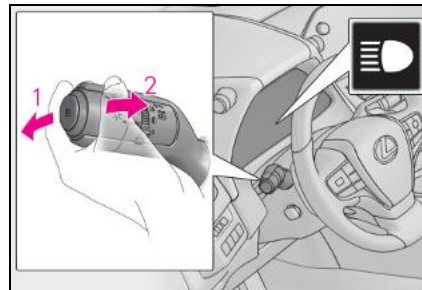
changed.
(Customizable features: →P.477)

NOTICE

■ To prevent 12-volt battery discharge

Do not leave the lights on longer than necessary when the EV system is not operating.

Turning on the high beam headlights



- 1 With the headlights on, push the lever away from you to turn on the high beams.

Pull the lever toward you to the center position to turn the high beams off.

- 2 Pull the lever toward you and release it to flash the high beams once.

You can flash the high beams with the headlights on or off.

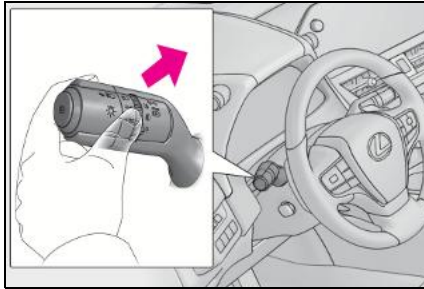
Extended Headlight Lighting system

This system allows the headlights and front position lights to be turned on for 30 seconds when the power switch is OFF.

Pull the lever toward you and release it

with the light switch is in **AUTO** after turning the power switch off.

Pull the lever toward you and release it again to turn off the lights.



Cornering lights (if equipped)

When any of the following conditions is met, while the headlights (low beam) are on, the cornering lights will additionally turn on and light up the direction of movement for the vehicle. This is to ensure excellent visibility when either driving at intersections or parking at night.

- The steering wheel is operated
- The turn signal lever is operated
- The shift position is in R (both left and right side cornering lights)

■ Cornering light control

- The lights illuminate when the vehicle speed is approximately 30 km/h (19 mph) or less. However, the lights turn off when the vehicle speed increases to approximately 35 km/h (22 mph) or more.
- After the lights remain illuminated for 30 minutes, they automatically turn off.

AHS (Adaptive High-beam System)*

*: If equipped

The Adaptive High-beam System uses a front camera located behind the upper portion of the windshield to assess the brightness of the lights of vehicles ahead, streetlights, etc., and automatically controls the headlight light distribution as necessary.

⚠ WARNING

■ Limitations of the Adaptive High-beam System

Do not overly rely on the Adaptive High-beam System. Always drive safely, taking care to observe your surroundings and turning the high beams on or off manually if necessary.

■ To prevent incorrect operation of the Adaptive High-beam System

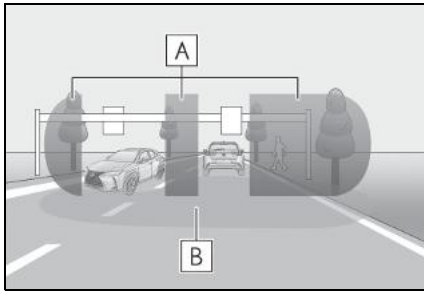
Do not overload the vehicle.

System functions

- Adjusts the brightness and illuminated area of the high beams according to the vehicle speed.
- Adjusts the intensity of the high beams, while driving on a curve, so that the area in the direction that the vehicle is turning will be illuminated more brightly than other areas.
- Operates the shaded high beams so that the area around vehicles ahead is partially not illuminated while all other areas continue to be illumi-

nated with the high beams.

The shaded high beams help optimize forward visibility while reducing the dazzling effect on the drivers of vehicles ahead.



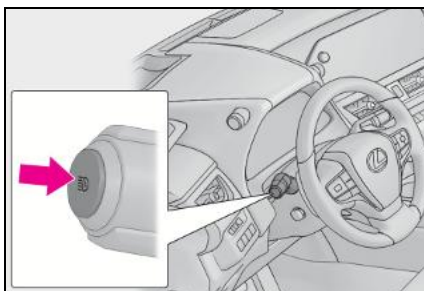
A Illuminated area of the high beams

B Illuminated area of the low beams

- Adjusts the distance that the low beams are projected according to the distance to a preceding vehicle.
- When driving at low speeds, the cornering lights will illuminate the area around both front corners of the vehicle.

Activating the Adaptive High-beam System

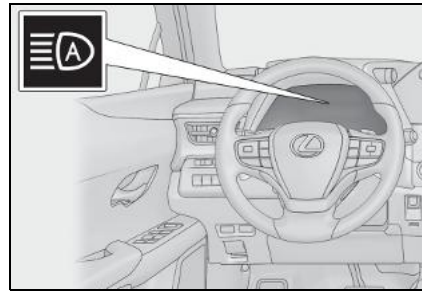
- 1 Press the Adaptive High-beam System switch.



- 2 Turn the headlight switch to the

 or **AUTO** position.

The AHS indicator will come on when the system is operating.



Operating conditions of the Adaptive High-beam System

- When all of the following conditions are met, the high beams will be turned on automatically and the system will operate:
 - The vehicle speed is approximately 15 km/h (9 mph) or more.*
 - The area ahead of the vehicle is dark.
- *: When the vehicle speed is approximately 30 km/h (19 mph) or more, the area in the direction that the vehicle is turning will be illuminated more brightly than other areas while driving on a curve.
- When all of the following conditions are met, the shaded high beams will turn on and the distance that the low beams are projected will be adjusted automatically, depending on the location of vehicles ahead:
 - The vehicle speed is approximately 15 km/h (9 mph) or more.
 - The area ahead of the vehicle is dark.
 - There are vehicles ahead with headlights or tail lights turned on.
- If any of the following conditions are met, the high beams or shaded high beams will be changed to the low beams automatically:
 - The vehicle speed is below approximately 12 km/h (7 mph).

The area ahead of the vehicle is not dark.
There are many vehicles ahead.

- When the vehicle speed is between approximately 3 and 15 km/h (1.9 and 9 mph), the cornering lights will turn on.

■ Front camera detection information

- The high beams may not be automatically changed to the shaded high beams in the following situations:

When vehicles ahead suddenly appear from a curve

When the vehicle is cut in front of by another vehicle

When vehicles ahead are hidden from sight due to repeated curves, road dividers or roadside trees

When vehicles ahead appear from the faraway lane on wide road

When vehicles ahead have no lights

- The high beams may be changed to the shaded high beams if a vehicle ahead that is using fog lights without its headlights turned on is detected.
- House lights, street lights, traffic signals, and illuminated billboards or signs and other reflective objects may cause the high beams to change to the shaded high beams, cause the high beams not to change to the shaded high beams, or change the area that is not illuminated.
- The following factors may affect the amount of time taken to turn the high beam on or off, or the speed by which the areas not illuminated change:
 - The brightness of headlights, fog lights, and tail lights of vehicles ahead
 - The movement and direction of vehicles ahead
 - When a vehicle ahead only has operational lights on one side
 - When a vehicle ahead is a two-wheeled vehicle
 - The condition of the road (gradient, curve, condition of the road surface etc.)
 - The number of passengers and amount of luggage
- The light distribution control of the headlights may change unexpectedly.
- Bicycles or similar objects may not be

detected.

- In the following situations the system may not be able to correctly detect the surrounding brightness level. This may cause the low beams to remain on or the high beams to flash or dazzle pedestrians or vehicles ahead. In such a case, it is necessary to manually switch between the high and low beams.

When driving in inclement weather

(heavy rain, snow, fog, sandstorms, etc.)

When the windshield is obscured by fog, mist, ice, dirt, etc.

When the windshield is cracked or damaged

When the front camera is deformed or dirty

When the temperature of the front camera is extremely high

When the surrounding brightness level is equal to that of headlights, tail lights or fog lights

When headlights or tail lights of vehicles ahead are turned off, dirty, changing color, or not aimed properly

When the vehicle is hit by water, snow, dust, etc. from a preceding vehicle

When driving through an area of intermittently changing brightness and darkness

When frequently and repeatedly driving ascending/descending roads, or roads with rough, bumpy or uneven surfaces (such as stone-paved roads, gravel roads, etc.)

When frequently and repeatedly taking curves or driving on a winding road

When there is a highly reflective object ahead of the vehicle, such as a sign or mirror

When the back of a preceding vehicle is highly reflective, such as a container on a truck

When the vehicle's headlights are damaged or dirty, or are not aimed properly

When the vehicle is listing or tilting due to a flat tire, a trailer being towed, etc.

When the headlights are changed between the high beams and low beams repeatedly in an abnormal manner

When the driver believes that the high beams may be flashing or dazzling

pedestrians or other drivers
 When the vehicle is used in an area in which vehicles travel on the opposite side of the road of the country for which the vehicle was designed, for example using a vehicle designed for right-hand traffic in a left-hand traffic area, or vice versa
 When going through the Straits of Dover.

■ Customization

Some functions can be customized.
 (→P.478)

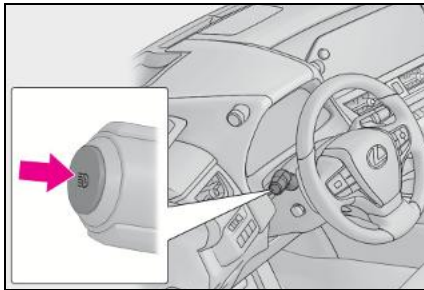
Turning the high beams on/off manually

■ Switching to the low beams

Press the Adaptive High-beam System switch.

The AHS indicator will turn off.

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

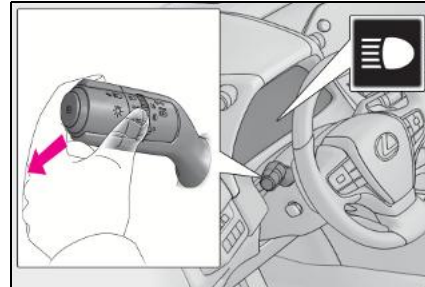


■ Switching to the high beams

Push the lever away from you.

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

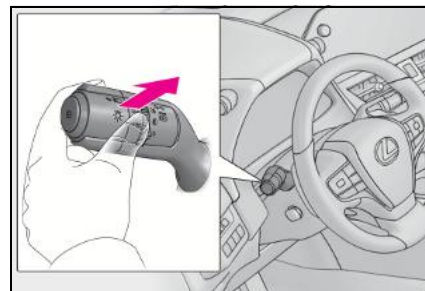
Pull the lever to its original position to activate the Adaptive High-beam System again.



■ Temporarily switching to the low beams

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

The high beams are on while the lever is pulled toward you, however, after the lever is returned to its original position, the low beams remain on for a certain amount of time. Afterwards, the Adaptive High-beam System will be activated again.



■ Temporarily switching to the low beams

It is recommended to switch to the low beams when the high beam may cause problems or distress to other drivers or pedestrians nearby.

AHB (Automatic High Beam)*

*: If equipped

The Automatic High Beam uses a front camera located behind the upper portion of the windshield to assess the brightness of the lights of vehicles ahead, streetlights, etc., and automatically turns the high beams on or off as necessary.

⚠ WARNING

■ Limitations of the Automatic High Beam

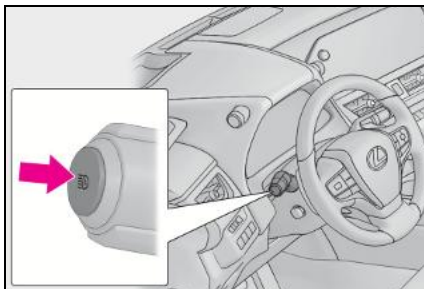
Do not overly rely on the Automatic High Beam. Always drive safely, taking care to observe your surroundings and turning the high beams on or off manually if necessary.

■ To prevent incorrect operation of the Automatic High Beam system

Do not overload the vehicle.

Activating the Automatic High Beam

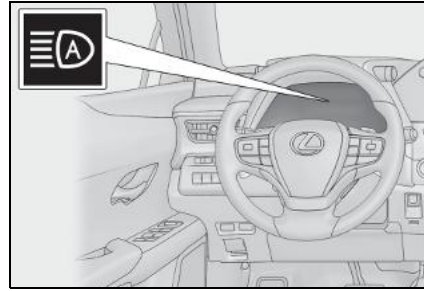
- 1 Press the Automatic High Beam switch.



- 2 Turn the headlight switch to the

 or AUTO position.

The Automatic High Beam indicator will come on when the system is operating.



■ Conditions to turn the high beams on/off automatically

- When all of the following conditions are met, the high beams will be turned on automatically (after approximately 1 second):
 - The vehicle speed is approximately 30 - 40 km/h (19 - 25 mph)* or more.
 - The area ahead of the vehicle is dark.
 - There are no vehicles ahead with headlights or tail lights turned on.
 - There are few streetlights on the road ahead.
- If any of the following conditions are met, the high beams will turn off automatically:
 - The vehicle speed is below approximately 25 - 30 km/h (16 - 19 mph)*.
 - The area ahead of the vehicle is not dark.
 - Vehicles ahead have their headlights or tail lights turned on.
 - There are many streetlights on the road ahead.

*: The vehicle speed at which the high beams are automatically turned on/off may vary depending on the country for which the vehicle is approved.

■ Front camera detection information

- The high beams may not be automatically turned off in the following situations:
 - When a vehicle suddenly appears from around a curve

- When the vehicle is cut in front of by another vehicle
- When vehicles ahead cannot be detected due to repeated curves, road dividers or roadside trees
- When vehicles ahead appear from a far-away lane on a wide road
- When the lights of vehicles ahead are not on
- The high beams may be turned off if a vehicle ahead that is using fog lights without its headlights turned on is detected.
- House lights, street lights, traffic signals, and illuminated billboards or signs and other reflective objects may cause the high beams to change to the low beams, or the low beams to remain on.
- The following factors may affect the amount of time taken for the high beams to turn on or off:
 - The brightness of the headlights, fog lights, and tail lights of vehicles ahead
 - The movement and direction of vehicles ahead
 - When a vehicle ahead only has operational lights on one side
 - When a vehicle ahead is a two-wheeled vehicle
 - The condition of the road (gradient, curve, condition of the road surface, etc.)
 - The number of passengers and amount of luggage in the vehicle
- The high beams may turn on or off unexpectedly.
- Bicycles or similar vehicles may not be detected.
- In the following situations the system may not be able to correctly detect the surrounding brightness level. This may cause the low beams to remain on or the high beams to flash or dazzle pedestrians or vehicles ahead. In such a case, it is necessary to manually switch between the high and low beams.
 - When driving in inclement weather (heavy rain, snow, fog, sandstorms, etc.)
 - When the windshield is obscured by fog, mist, ice, dirt, etc.
 - When the windshield is cracked or damaged
 - When the front camera is deformed or dirty
 - When the temperature of the front camera is extremely high
 - When the surrounding brightness level is equal to that of headlights, tail lights or fog lights
 - When headlights or tail lights of vehicles ahead are turned off, dirty, changing color, or not aimed properly
 - When the vehicle is hit by water, dust, etc. from a preceding vehicle
 - When driving through an area of intermittently changing brightness and darkness
 - When frequently and repeatedly driving ascending/descending roads, or roads with rough, bumpy or uneven surfaces (such as stone-paved roads, gravel roads, etc.)
 - When frequently and repeatedly taking curves or driving on a winding road
 - When there is a highly reflective object ahead of the vehicle, such as a sign or mirror
 - When the back of a preceding vehicle is highly reflective, such as a container on a truck
 - When the vehicle's headlights are damaged or dirty, or are not aimed properly
 - When the vehicle is listing or tilting due to a flat tire, a trailer being towed, etc.
 - When the headlights are changed between the high beams and low beams repeatedly in an abnormal manner
 - When the driver believes that the high beams may be flashing or dazzling pedestrians or other drivers
 - When the vehicle is used in an area in which vehicles travel on the opposite side of the road of the country for which the vehicle was designed, for example using a vehicle designed for right-hand traffic in a left-hand traffic area, or vice versa
 - When going through the Straits of Dover.

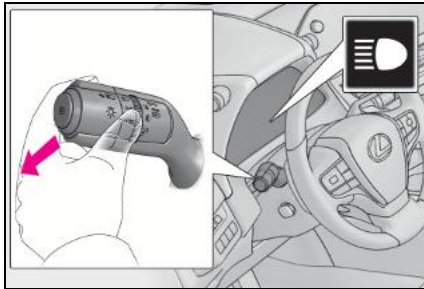
Turning the high beams on/off manually

■ **Switching to the high beams**

Push the lever away from you.

The Automatic High Beam indicator will turn off and the high beam indicator will turn on.

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

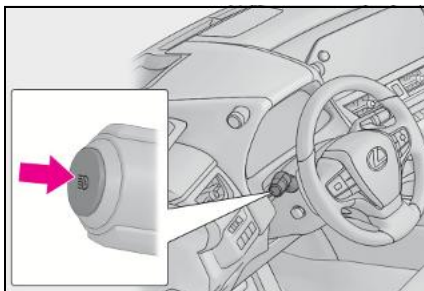


■ **Switching to the low beams**

Press the Automatic High Beam switch.

The Automatic High Beam indicator will turn off.

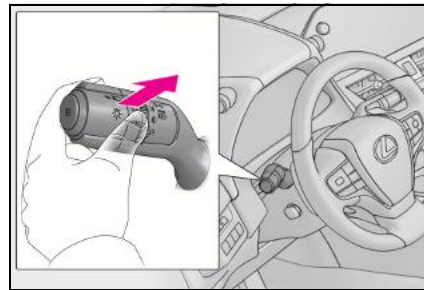
Press the switch to activate the Automatic High Beam system again.



■ **Temporarily switching to the low beams**

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

The high beams are on while the lever is pulled toward you, however, after the lever is returned to its original position, the low beams remain on for a certain amount of time. Afterwards, the Automatic High Beam will be activated again.



■ **Temporarily switching to the low beams**

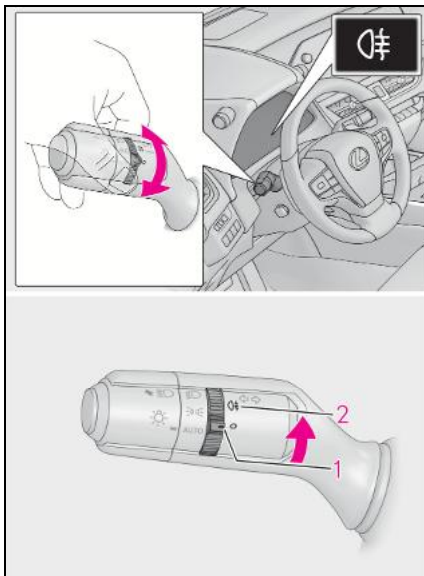
It is recommended to switch to the low beams when the high beam may cause problems or distress to other drivers or pedestrians nearby.

Fog light switch

When in difficult driving conditions, such as in rain and fog, turn on the front fog lights (if equipped) to secure front visibility and turn on the rear fog lights to notify following vehicles the existence of your vehicle.

Turning on the fog lights

► Rear fog light switch



1 ○ Turns the rear fog lights off

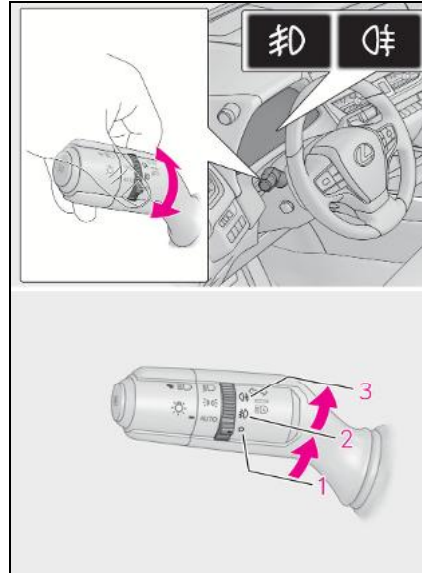
2 ◌ Turns the rear fog lights on

Releasing the switch ring returns it to



○ .
Operating the switch ring again turns the rear fog lights off.

► Front and rear fog light switch



1 ○ Turns the front and rear fog lights off

2 ◌ Turns the front fog lights on

3 ◌ Turns both front and rear fog lights on

Releasing the switch ring returns it to ◌.
Operating the switch ring again turns only the rear fog lights off.

■ Fog lights can be used when

► Vehicles with rear fog lights only

The headlights are turned on.

► Vehicles with front and rear fog lights

Front fog lights: The front position lights are turned on.

Rear fog lights: The rear fog lights are turned on.

 NOTICE

■ To prevent 12-volt battery discharge

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

Windshield wipers and washer

Operating the lever can change wiper operation to automatic/manual or squirt washer fluid.

 NOTICE

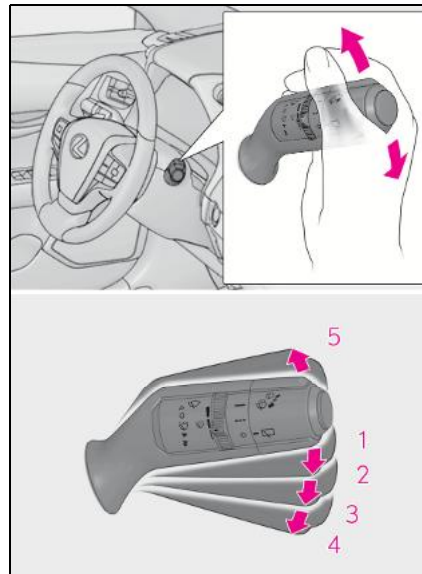
■ When the windshield is dry


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

Operating the wiper lever

Operating the  lever operates the wipers or washer as follows:

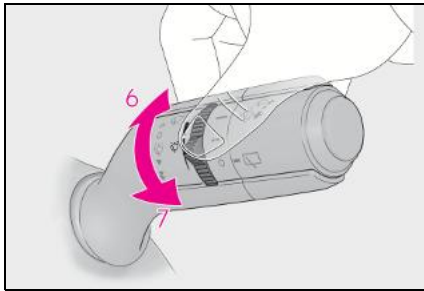
- ▶ Intermittent windshield wipers with interval adjuster



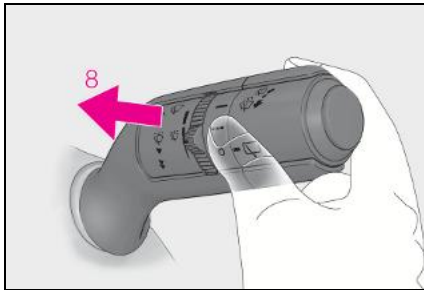
- 1 ○ Off
- 2  Intermittent operation


- 3 ▼ Low speed operation
- 4 ▼ High speed operation
- 5 ▲ Temporary operation

Wiper intervals can be adjusted when intermittent operation is selected.



- 6 Increases the intermittent windshield wiper frequency
- 7 Decreases the intermittent windshield wiper frequency



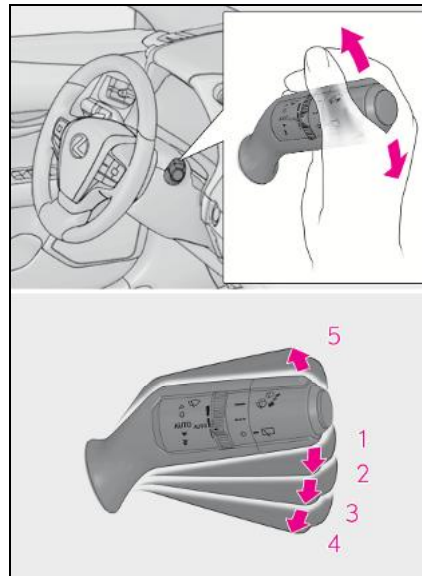
- 8  Washer/wiper dual operation

Pulling the lever operates the wipers and washer.

The wipers will automatically operate a couple of times after the washer squirts. When the power switch is in ON and the headlights are on, if the lever is pulled, the headlight cleaners will operate once. After this, the headlight cleaners will operate every 5th time the lever is pulled.

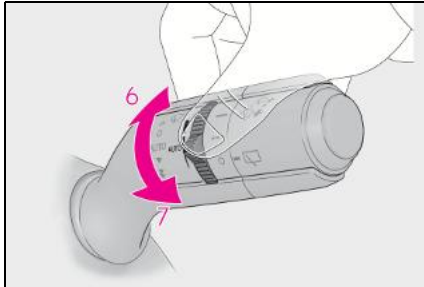
► Rain-sensing windshield wipers

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

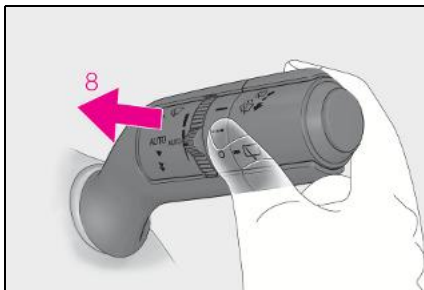



- 1 ○ Off
- 2 **AUTO** Rain-sensing operation
- 3 ▼ Low speed operation
- 4 ▼ High speed operation
- 5 ▲ Temporary operation

When AUTO is selected, the sensor sensitivity can be adjusted by turning the switch ring.



- 6 Increases the sensitivity
- 7 Decreases the sensitivity



- 8  Washer/wiper dual operation

Pulling the lever operates the wipers and washer.

The wipers will automatically operate a couple of times after the washer squirts. (After operating several times, the wipers operate once more time after a short delay to prevent dripping. However, the dripping prevention does not operate while the vehicle is moving.)

When the power switch is in ON and the headlights are on, if the lever is pulled, the headlight cleaners will operate once. After this, the headlight cleaners will operate every 5th time the lever is pulled.

■ **The windshield wipers and washer can be operated when**

The power switch is in ON.

■ **Effects of vehicle speed on wiper operation (vehicles with rain-sensing windshield wipers)**

Vehicle speed affects the Intermittent wiper interval.

■ **Raindrop sensor (vehicles with rain-sensing windshield wipers)**

- The raindrop sensor judges the amount of raindrops. An optical sensor is adopted. It may not operate properly when sunlight from the rising or setting of the sun intermittently strikes the windshield, or if bugs, etc. are present on the windshield.



- If the wiper switch is turned to the AUTO position while the power switch is in ON, the wipers will operate once to show that AUTO mode is activated.

- If the temperature of the raindrop sensor is 90°C (194°F) or higher, or -15°C (5°F) or lower, automatic operation may not occur. In this case, operate the wipers in any mode other than AUTO mode.

■ **If no windshield washer fluid sprays**

Check that the washer nozzles are not blocked, if there is washer fluid in the washer fluid tank.

⚠ WARNING**■ Caution regarding the use of windshield wipers in AUTO mode (vehicles with rain-sensing windshield wipers)**

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

■ Caution regarding the use of washer fluid

When it is cold, do not use the washer fluid until the windshield becomes warm. The fluid may freeze on the windshield and cause low visibility. This may lead to an accident, resulting in death or serious injury.

⚠ NOTICE**■ When the washer fluid tank is empty**

Do not operate the switch continually as the washer fluid pump may overheat.

■ When a nozzle becomes blocked

In this case, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer. Do not try to clear it with a pin or other object. The nozzle will be damaged.

■ To prevent 12-volt battery discharge

Do not leave the wipers on longer than necessary when the EV system is off.

Changing the windshield wiper rest position/Lifting the windshield wipers

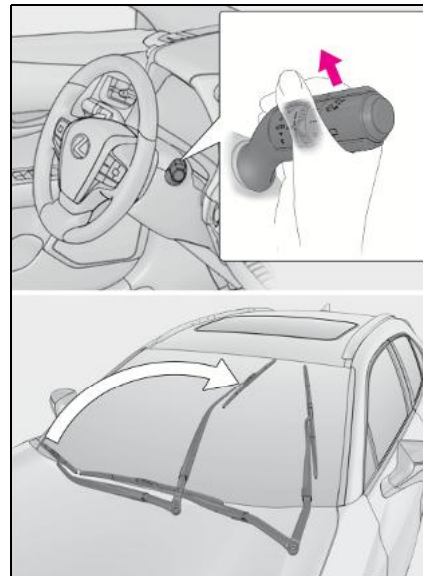
When the windshield wipers are not being used, they retract to below the hood. To enable the windshield wipers to be lifted when parking in cold condi-

tions or when replacing a windshield wiper insert, change the rest position of the windshield wipers to the service position using the wiper lever.

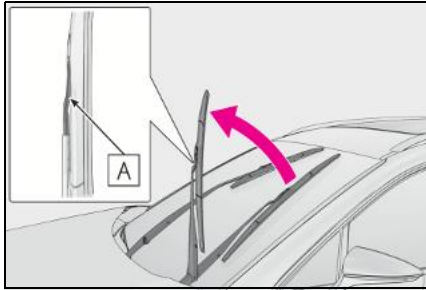
■ Raising the wipers to the service position

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.



● 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.

■ Lowering the windshield wipers to the retracted position

With the windshield wipers placed on the windshield, turn the power switch to ON and then move the wiper lever to an operating position. When the wiper switch is turned off, the windshield wipers will stop at the retracted position. Even if the wipers deviate while the power switch is OFF, the wipers will return to the normal position.

⚠ NOTICE

■ When lifting the windshield wipers

- Do not lift the windshield wipers when they are in the retracted position below the hood. Otherwise, they may contact the hood, possibly resulting in damage to a windshield wiper and/or the hood.
- Do not lift a windshield wiper by the wiper blade. Otherwise, the wiper blade may be deformed.



Rear window wiper and washer

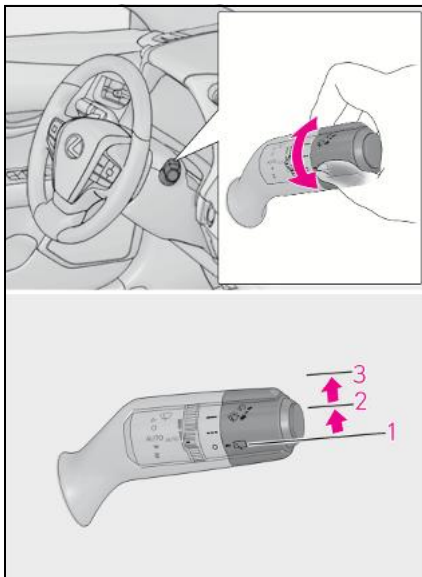
The rear window wiper and washer can be used by operating the lever.

NOTICE

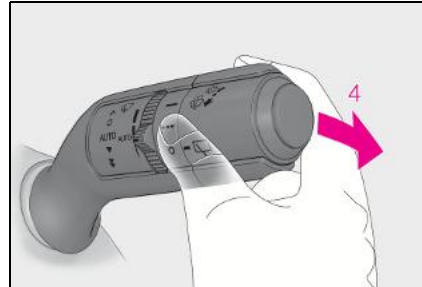
■ **When the rear window is dry**
Do not use the wiper, as it may damage the rear window.

Operating the wiper lever

Operating the  switch operates the rear wiper as follows:



- 1 ○ Off
- 2 --- Intermittent operation
- 3 — Normal operation



4 Washer/wiper dual operation

Pushing the lever operates the wiper and washer.

The wiper will automatically operate a couple of times after the washer squirts.

■ The rear window wiper and washer can be operated when

The power switch is in ON.

■ If no windshield washer fluid sprays

Check that the washer nozzles are not blocked, if there is washer fluid in the washer fluid tank.

■ Reverse-linked rear window wiper function

When the shift position is shifted to R when the front wipers are operating, the rear window wiper will operate once.

■ Back door opening linked rear window wiper stop function

When the rear window wiper is operating, if the back door is opened while the vehicle is stopped, operation of the rear window wiper will be stopped to prevent anyone near the vehicle from being sprayed by water from the wiper. When the back door is closed, wiper operation will resume.*

* : The setting must be customized at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ Customization

Setting of the reverse-linked function can

be changed. (Customizable features:→P.478)



NOTICE

■ **When the washer fluid tank is empty**

Do not operate the switch continually as the washer fluid pump may overheat.

■ **When a nozzle becomes blocked**

In this case, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer. Do not try to clear it with a pin or other object. The nozzle will be damaged.

■ **To prevent 12-volt battery discharge**

Do not leave the wiper on longer than necessary when the EV system is off.

Lexus Safety System +

The Lexus Safety System + consists of the following drive assist systems and contributes to a safe and comfortable driving experience:

Driving assist system

- PCS (Pre-Collision System)

→P.264

- LTA (Lane Tracing Assist)

→P.274

- AHS (Adaptive High-beam System)*

→P.244

- AHB (Automatic High Beam)*

→P.248

- RSA (Road Sign Assist)*

→P.284

- Dynamic radar cruise control with full-speed range

→P.288

*: If equipped

! WARNING

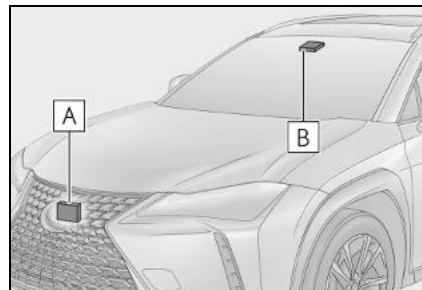
■ Lexus Safety System +

The Lexus Safety System + is designed to operate under the assumption that the driver will drive safely, and is designed to help reduce the impact to the occupants and the vehicle in the case of a collision or assist the driver in normal driving conditions.

As there is a limit to the degree of recognition accuracy and control performance that this system can provide, do not overly rely on this system. The driver is always responsible for paying attention to the vehicle's surroundings and driving safely.

Sensors

Two types of sensors, located behind the front grille and windshield, detect information necessary to operate the drive assist systems.



A Radar sensor

B Front camera

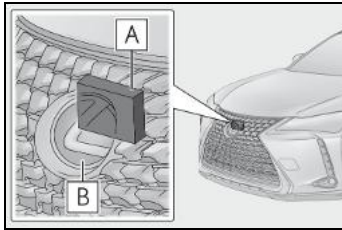
⚠ WARNING

■ **To avoid malfunction of the radar sensor**

Observe the following precautions.

Otherwise, the radar sensor may not operate properly, possibly leading to an accident resulting in death or serious injury.

- Keep the radar sensor and the radar sensor cover clean at all times.



A Radar sensor

B Radar sensor cover

If the front of the radar sensor or the front or back of the radar sensor cover is dirty or covered with water droplets, snow, etc., clean it.

Clean the radar sensor and radar sensor cover with a soft cloth to avoid damaging them.

- Do not attach accessories, stickers (including transparent stickers) or other items to the radar sensor, radar sensor cover or surrounding area.
- Do not subject the radar sensor or its surrounding area to a strong impact. If the radar sensor, front grille, or front bumper has been subjected to a strong impact, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- Do not disassemble the radar sensor.

- Do not modify or paint the radar sensor or radar sensor cover.

- In the following cases, the radar sensor must be recalibrated. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for details.

When the radar sensor or front grille are removed and installed, or replaced
When the front bumper is replaced

■ **To avoid malfunction of the front camera**

Observe the following precautions.

Otherwise, the front camera may not operate properly, possibly leading to an accident resulting in death or serious injury.

- Keep the windshield clean at all times.

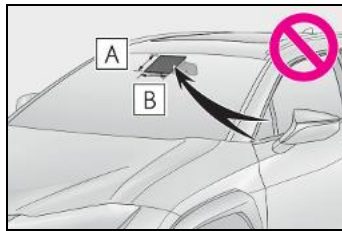
If the windshield is dirty or covered with an oily film, water droplets, snow, etc., clean the windshield.

If a glass coating agent is applied to the windshield, it will still be necessary to use the windshield wipers to remove water droplets, etc. from the area of the windshield in front of the front camera.

If the inner side of the windshield where the front camera is installed is dirty, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

⚠ WARNING

- Do not attach objects, such as stickers, transparent stickers, etc., to the outer side of the windshield in front of the front camera (shaded area in the illustration).



- A** From the top of the windshield to approximately 1 cm (0.4 in.) below the bottom of the front camera
- B** Approximately 20 cm (7.9 in.) (Approximately 10 cm [4.0 in.] to the right and left from the center of the front camera)
- If the part of the windshield in front of the front camera is fogged up or covered with condensation or ice, use the windshield defogger to remove the fog, condensation or ice. (→P.342)
- If water droplets cannot be properly removed from the area of the windshield in front of the front camera by the windshield wipers, replace the wiper insert or wiper blade.
- Do not attach window tint to the windshield.
- Replace the windshield if it is damaged or cracked.
After replacing the windshield, the front camera must be recalibrated. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for details.
- Do not allow liquids to contact the front camera.

- Do not allow bright lights to shine into the front camera.
- Do not dirty or damage the front camera.
When cleaning the inside of the windshield, do not allow glass cleaner to contact the lens of the front camera. Also, do not touch the lens.
If the lens is dirty or damaged, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- Do not subject the front camera to a strong impact.
- Do not change the installation position or direction of the front camera or remove it.
- Do not disassemble the front camera.
- Do not modify any components of the vehicle around the front camera (inside rear view mirror, etc.) or ceiling.
- Do not attach any accessories to the hood, front grille or front bumper that may obstruct the front camera. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for details.
- If a surfboard or other long object is to be mounted on the roof, make sure that it will not obstruct the front camera.
- Do not modify the headlights or other lights.

■ If a warning message is displayed on the multi-information display

A system may be temporarily unavailable or there may be a malfunction in the system.

- In the following situations, perform the actions specified in the table. When the normal operating conditions are detected, the message will disappear and the system will become operational.

If the message does not disappear, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Situation	Actions
When the area around a camera is covered with dirt, moisture (fogged up, covered with condensation, ice, etc.), or other foreign matter	Using the wiper and A/C function, remove the dirt and other attached matter. (→P.342)
When the temperature around the front camera is outside of the operational range, such as when the vehicle is in the sun or in an extremely cold environment	If the front camera is hot, such as after the vehicle had been parked in the sun, use the air conditioning system to decrease the temperature around the front camera. If a sunshade was used when the vehicle was parked, depending on its type, the sunlight reflected from the surface of the sunshade may cause the temperature of the front camera to become excessively high.
	If the front camera is cold, such after the vehicle is parked in an extremely cold environment, use the air conditioning system to increase the temperature around the front camera.
The area in front of the front camera is obstructed, such as when the hood is open or a sticker is attached to the part of the windshield in front of the front camera.	Close the hood, remove the sticker, etc. to clear the obstruction.
When PCS Radar In Self Calibr. Unavailable See Manual is displayed.	Check whether there is attached materials on the radar sensor and radar sensor cover, and if there is, remove it.

- In the following situations, if the situation has changed (or the vehicle has been driven for some time) and the normal operating conditions are detected, the message will disappear and the system will become operational.

If the message does not disappear, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

When the temperature around the radar sensor is outside of the operational range, such

as when the vehicle is in the sun or in an extremely cold environment
When the front camera cannot detect objects in front of the vehicle, such as when driving in the dark, snow, or fog, or when bright lights are shining into the front camera
Depending on the conditions in the vicinity of the vehicle, the radar may judge the surrounding environment can not be properly recognized. In that case, PCS Unavailable See Owner s Manual is displayed.

PCS (Pre-Collision System)

The pre-collision system uses a radar sensor and front camera to detect objects (→P.264) in front of the vehicle. When the system determines that the possibility of a frontal collision with an object is high, a warning operates to urge the driver to take evasive action and the potential brake pressure is increased to help the driver avoid the collision. If the system determines that the possibility of a frontal collision with an object is extremely high, the brakes are automatically applied to help avoid the collision or help reduce the impact of the collision.

The pre-collision system can be disabled/enabled and the warning timing can be changed. (→P.267)

Detectable objects

The system can detect the following (The detectable objects differs depending on the function.):

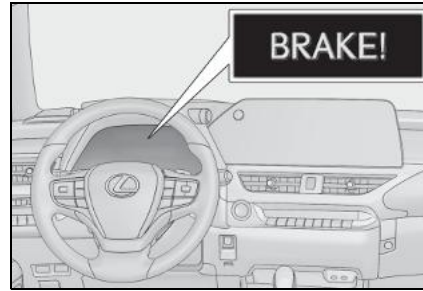
- Vehicles
- Bicyclists
- Pedestrians

System functions

■ Pre-collision warning

When the system determines that the possibility of a frontal collision is high, a

buzzer will sound and a warning message will be displayed on the multi-information display to urge the driver to take evasive action.



■ Pre-collision brake assist

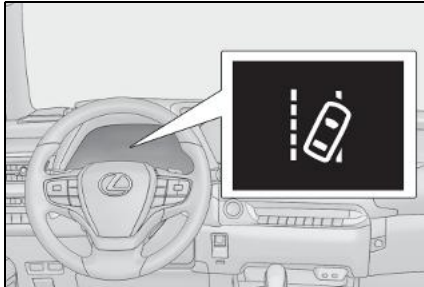
When the system determines that the possibility of a frontal collision is high, the system applies greater braking force in relation to how strongly the brake pedal is depressed.

■ Pre-collision braking

If the system determines that the possibility of a frontal collision is extremely high, the brakes are automatically applied to help avoid the collision or reduce the impact of the collision.

■ Emergency steering assist

If the system determines that the possibility of a frontal collision is high and that there is sufficient space for the vehicle to be steered into within its lane, and the driver has begun evasive maneuver or steering, emergency steering assist will assist the steering movements to help enhance the vehicle stability and for lane departure prevention. During operation, the indicator will illuminate in green.

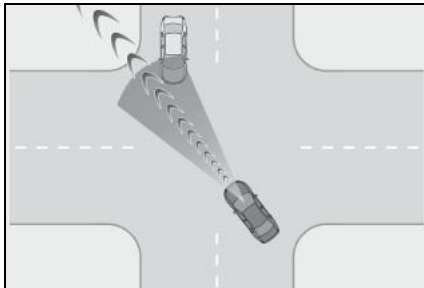


■ Intersection right/left turn assistance

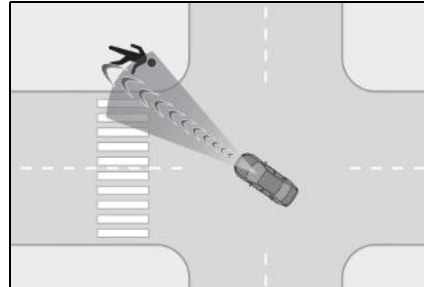
If the system determines that there is a high possibility of a collision in the following situations, it will assist with Pre-collision warning and, if necessary Pre-collision braking.

Depending on the configuration of the intersection, it may not be possible to support.

- When you turn right/left at an intersection and cross the path of an oncoming vehicle



- When you turn right/left, pedestrian is detected in the forward direction and estimated to enter your vehicle's path (bicyclists are not detected.)



⚠ WARNING

■ Limitations of the pre-collision system

- The driver is solely responsible for safe driving. Always drive safely, taking care to observe your surroundings. Do not use the pre-collision system instead of normal braking operations under any circumstances. This system will not prevent collisions or lessen collision damage or injury in every situation. Do not overly rely on this system. Failure to do so may lead to an accident, resulting in death or serious injury.
- Although this system is designed to help avoid a collision or help reduce the impact of the collision, its effectiveness may change according to various conditions, therefore the system may not always be able to achieve the same level of performance. Read the following conditions carefully. Do not overly rely on this system and always drive carefully.

Conditions under which the system may operate even if there is no possibility of a collision: →P.270

Conditions under which the system may not operate properly: →P.272

**WARNING**

- Do not attempt to test the operation of the pre-collision system yourself. Depending on the objects used for testing (dummies, cardboard objects imitating detectable objects, etc.), the system may not operate properly, possibly leading to an accident.

■ Pre-collision braking

- When the pre-collision braking function is operating, a large amount of braking force will be applied.
- If the vehicle is stopped by the operation of the pre-collision braking function, the pre-collision braking function operation will be canceled after approximately 2 seconds. Depress the brake pedal as necessary.
- The pre-collision braking function may not operate if certain operations are performed by the driver. If the accelerator pedal is being depressed strongly or the steering wheel is being turned, the system may determine that the driver is taking evasive action and possibly prevent the pre-collision braking function from operating.
- In some situations, while the pre-collision braking function is operating, operation of the function may be canceled if the accelerator pedal is depressed strongly or the steering wheel is turned and the system determines that the driver is taking evasive action.
- If the brake pedal is being depressed, the system may determine that the driver is taking evasive action and possibly delay the operation timing of the pre-collision braking function.

■ Emergency steering assist

- As emergency steering assist operation will be canceled when the system determines that lane departure prevention function has been completed.

- Emergency steering assist may not operate or may be canceled in the following cases as the system may determine the driver is taking actions.

If the accelerator pedal is being depressed strongly, the steering wheel is being operated sharply, the brake pedal is being depressed or the turn signal lever is being operated. In this case, the system may determine that the driver is taking evasive action and the emergency steering assist may not operate.

In some situations, while the emergency steering assist is operating, operation of the function may be canceled if the accelerator pedal is depressed strongly, the steering wheel is operated sharply or the brake pedal is being depressed and the system determines that the driver is taking evasive action.

When the emergency steering assist is operating, if the steering wheel is held firmly or is operated in the opposite direction to that which the system is generating torque, the function may be canceled.

■ When to disable the pre-collision system


In the following situations, disable the system, as it may not operate properly, possibly leading to an accident resulting in death or serious injury:

- When the vehicle is being towed
- When your vehicle is towing another vehicle
- When transporting the vehicle via truck, boat, train or similar means of transportation
- When the vehicle is raised on a lift with the EV system on and the tires are allowed to rotate freely

⚠ WARNING

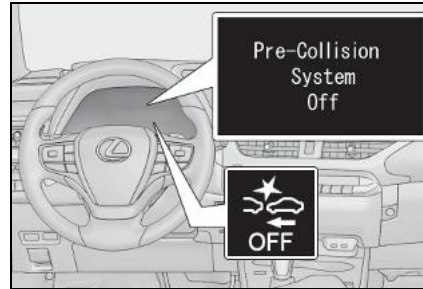
- When inspecting the vehicle using a drum tester such as a chassis dynamometer or speedometer tester, or when using an on vehicle wheel balancer
- When a strong impact is applied to the front bumper or front grille, due to an accident or other reasons
- If the vehicle cannot be driven in a stable manner, such as when the vehicle has been in an accident or is malfunctioning
- When the vehicle is driven in a sporty manner or off-road
- When the tires are not properly inflated
- When the tires are very worn
- When tires of a size other than specified are installed
- When tire chains are installed
- When a compact spare tire or an emergency tire puncture repair kit is used
- If equipment (snow plow, etc.) that may obstruct the radar sensor or front camera is temporarily installed to the vehicle


Changing settings of the pre-collision system**■ Enabling/disabling the pre-collision system**

The pre-collision system can be enabled/disabled on  (→P.166) of the multi-information display.

The system is automatically enabled each time the power switch is turned to ON.

If the system is disabled, the PCS warning light will turn on and a message will be displayed on the multi-information display.

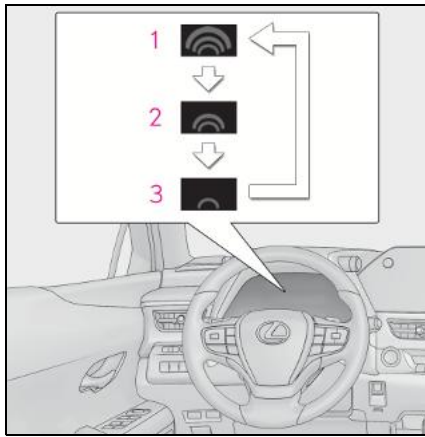
**■ Changing the pre-collision warning timing**

The pre-collision warning timing can be changed on  (→P.166) of the multi-information display.

The warning timing setting is retained when the power switch is turned off. However, if the pre-collision system is disabled and re-enabled, the operation timing will return to the default setting (middle).

If the pre-collision warning timing is changed, emergency steering assist timing will also be changed accordingly.

If late is selected, emergency steering assist would not operate in case of an emergency.



- 2 Middle
This is the default setting.
- 3 Late

1 Early

■ Operational conditions for each pre-collision function

The pre-collision system is enabled and the system determines that the possibility of a frontal collision with a detected object is high.

The system may not operate in the following situations:

- If a 12-volt battery terminal has been disconnected and reconnected and then the vehicle has not been driven for a certain amount of time
- If the shift position is in R
- When the VSC OFF indicator is illuminated (only the pre-collision warning function will be operational)

The operation speeds and operation cancellation for each function is listed below.

● Pre-collision warning

Detectable objects	Vehicle speed	Relative speed between your vehicle and object
Preceding and stopped vehicles	Approx. 10 to 180 km/h (7 to 110 mph)	Approx. 10 to 180 km/h (7 to 110 mph)
Oncoming vehicles	Approx. 10 to 180 km/h (7 to 110 mph)	Approx. 20 to 180 km/h (13 to 110 mph)
Bicyclists and pedestrians	Approx. 10 to 80 km/h (7 to 50 mph)	Approx. 10 to 80 km/h (7 to 50 mph)

While the pre-collision warning function 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 and stopped vehicles	Approx. 30 to 180 km/h (20 to 110 mph)	Approx. 30 to 180 km/h (20 to 110 mph)
Bicyclists and pedestrians	Approx. 30 to 80 km/h (20 to 50 mph)	Approx. 30 to 80 km/h (20 to 50 mph)

● Pre-collision braking

Detectable objects	Vehicle speed	Relative speed between your vehicle and object
Preceding and stopped vehicles	Approx. 10 to 180 km/h (7 to 110 mph)	Approx. 10 to 180 km/h (7 to 110 mph)
Oncoming vehicles	Approx. 10 to 180 km/h (7 to 110 mph)	Approx. 20 to 180 km/h (13 to 110 mph)
Bicyclists and pedestrians	Approx. 10 to 80 km/h (7 to 50 mph)	Approx. 10 to 80 km/h (7 to 50 mph)

If either of the following occur while the pre-collision braking function is operating, it will be canceled:

- The accelerator pedal is depressed strongly.
- The steering wheel is turned sharply or abruptly.

● Emergency steering assist

When the turn signal lights are flashing, emergency steering assist will not operate in case of an emergency.

Detectable objects	Vehicle speed	Relative speed between your vehicle and object
Preceding and stopped vehicles, bicyclists and pedestrians	Approx. 40 to 80 km/h (25 to 50 mph)	Approx. 40 to 80 km/h (25 to 50 mph)

If any of the following occur while the emergency steering assist function is operating, it will be canceled:

- The accelerator pedal is depressed strongly.
- The steering wheel is turned sharply or abruptly.
- The brake pedal is depressed.

● Intersection right/left turn assistance (pre-collision warning)

When the turn signal lights are not flashing, support for turning left or right at an intersection which targets oncoming vehicles does not work.

Detectable objects	Vehicle speed	Oncoming vehicle speed	Relative speed between your vehicle and object
Oncoming vehicles	Approx. 10 to 25 km/h (7 to 15 mph)	Approx. 30 to 55 km/h (20 to 35 mph)	Approx. 40 to 80 km/h (25 to 50 mph)
Pedestrians	Approx. 10 to 25 km/h (7 to 15 mph)	—	Approx. 10 to 25 km/h (7 to 15 mph)

● Intersection right/left turn assistance (pre-collision braking)

When the turn signal lights are not flashing, support for turning left or right at an intersection which targets oncoming vehicles does not work.

Detectable objects	Vehicle speed	Oncoming vehicle speed	Relative speed between your vehicle and object
Oncoming vehicles	Approx. 15 to 25 km/h (10 to 15 mph)	Approx. 30 to 45 km/h (20 to 28 mph)	Approx. 45 to 70 km/h (28 to 43 mph)
Pedestrians	Approx. 10 to 25 km/h (7 to 15 mph)	—	Approx. 10 to 25 km/h (7 to 15 mph)

■ Object detection function

The system detects objects based on their size, profile, motion, etc. However, an object may not be detected depending on the surrounding brightness and the motion, posture, and angle of the detected object, preventing the system from operating properly. (→P.272)

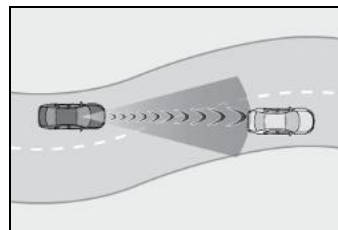
The illustration shows an image of detectable objects.



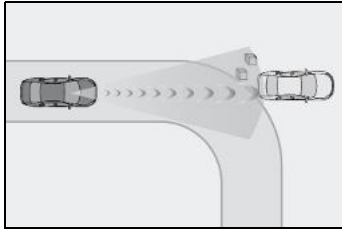
■ Conditions under which the system may operate even if there is no possibility of a collision

- In some situations such as the following, the system may determine that there is a possibility of a frontal collision and operate.

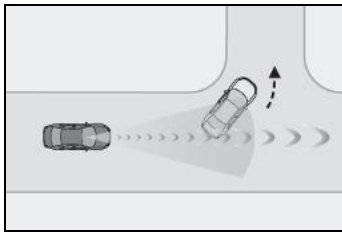
When passing a detectable object, etc.
 When changing lanes while overtaking a detectable object, etc.
 When approaching a detectable object in an adjacent lane or on the roadside, such as when changing the course of travel or driving on a winding road



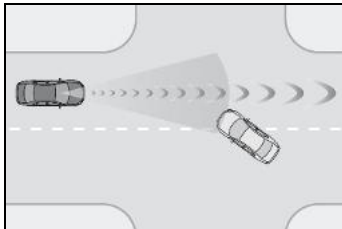
When rapidly closing on a detectable object, etc.
 When approaching objects on the roadside, such as detectable objects, guardrails, utility poles, trees, or walls
 When there is a detectable object or other object by the roadside at the entrance of a curve



When there are patterns or paint in front of your vehicle that may be mistaken for a detectable object
 When the front of your vehicle is hit by water, snow, dust, etc.
 When overtaking a detectable object that is changing lanes or making a right/left turn

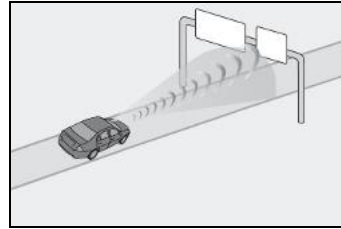


When passing a detectable object in an oncoming lane that is stopped to make a right/left turn

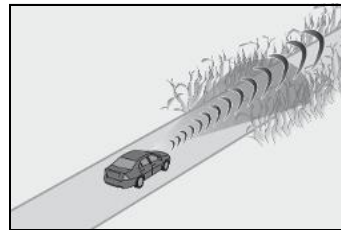


When a detectable object approaches very close and then stops before entering the path of your vehicle
 If the front of your vehicle is raised or lowered, such as when on an uneven or undulating road surface
 When driving on a road surrounded by a structure, such as in a tunnel or on an iron bridge
 When there is a metal object (manhole cover, steel plate, etc.), steps, or a protrusion in front of your vehicle
 When passing under an object (road

sign, billboard, etc.)

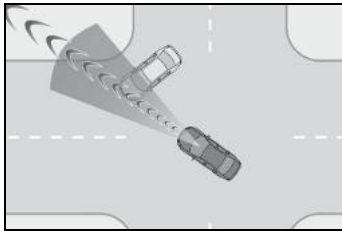


When approaching an electric toll gate barrier, parking area barrier, or other barrier that opens and closes
 When using an automatic car wash
 When driving through or under objects that may contact your vehicle, such as thick grass, tree branches, or a banner



When driving through steam or smoke
 When driving near an object that reflects radio waves, such as a large truck or guardrail
 When driving near a TV tower, broadcasting station, electric power plant, radar equipped vehicles, etc., or other location where strong radio waves or electrical noise may be present
 When there are many things which can reflect the radio waves of the radar in the vicinity (tunnels, truss bridges, gravel roads, snow covered road that have tracks, etc.)
 While making a right/left turn, when an oncoming vehicle or a crossing pedestrian has already exited the path of your vehicle
 While making a right/left turn, closely in front of an oncoming vehicle or a crossing pedestrian.
 While making a right/left turn, when an oncoming vehicle or a crossing pedestrian stops before entering the path of your vehicle

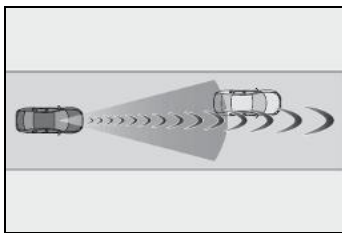
While making a right/left turn, when an oncoming vehicle turns right/left in front of your vehicle



While steering into the direction of oncoming traffic

Situations in which the system may not operate properly

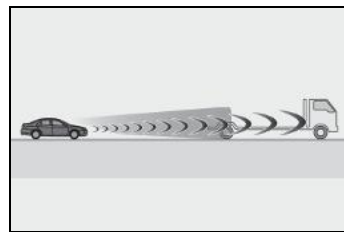
- In some situations such as the following, an object may not be detected by the radar sensor and front camera, preventing the system from operating properly:
 - When a detectable object is approaching your vehicle
 - When your vehicle or a detectable object is wobbling
 - If a detectable object makes an abrupt maneuver (such as sudden swerving, acceleration or deceleration)
 - When your vehicle approaches a detectable object rapidly
 - When a detectable object is not directly in front of your vehicle



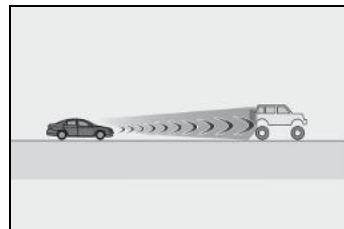
When a detectable object is near a wall, fence, guardrail, manhole cover, vehicle, steel plate on the road, etc.
 When a detectable object is under a structure
 When part of a detectable object is hidden by an object, such as large baggage, an umbrella, or guardrail
 When there are many things which can reflect the radio waves of the radar in the

vicinity (tunnels, truss bridges, gravel roads, snow covered road that have tracks, etc.)

- When there is an effect on the radio waves to the radar that is installed on another vehicle
- When multiple detectable objects are close together
- If the sun or other light is shining directly on a detectable object
- When a detectable object is a shade of white and looks extremely bright
- When a detectable object appears to be nearly the same color or brightness as its surroundings
- If a detectable object cuts or suddenly emerges in front of your vehicle
- When the front of your vehicle is hit by water, snow, dust, etc.
- When a very bright light ahead, such as the sun or the headlights of oncoming traffic, shines directly into the front camera
- When approaching the side or front of a vehicle ahead
- If a vehicle ahead is a motorcycle
- If a vehicle ahead is narrow, such as a personal mobility vehicle
- If a preceding vehicle has a small rear end, such as an unloaded truck
- If a preceding vehicle has a low rear end, such as a low bed trailer



If a vehicle ahead has extremely high ground clearance



If a vehicle ahead is carrying a load which protrudes past its rear bumper

If a vehicle ahead is irregularly shaped, such as a tractor or side car

If a vehicle ahead is a child sized bicycle, a bicycle that is carrying a large load, a bicycle ridden by more than one person, or a uniquely shaped bicycle (bicycle with a child seat, tandem bicycle, etc.)

If a pedestrian/or the riding height of a bicyclist ahead is shorter than approximately 1 m (3.2 ft.) or taller than approximately 2 m (6.5 ft.)

If a pedestrian/bicyclist is wearing oversized clothing (a rain coat, long skirt, etc.), making their silhouette obscure

If a pedestrian is bending forward or squatting or bicyclist is bending forward

If a pedestrian/bicyclist is moving fast

If a pedestrian is pushing a stroller, wheelchair, bicycle or other vehicle

When driving in inclement weather such as heavy rain, fog, snow or a sandstorm

When driving through steam or smoke

When the surrounding area is dim, such as at dawn or dusk, or while at night or in a tunnel, making a detectable object appear to be nearly the same color as its surroundings

When driving in a place where the surrounding brightness changes suddenly, such as at the entrance or exit of a tunnel

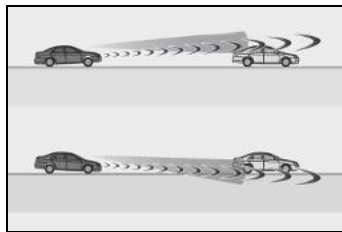
After the EV system has started the vehicle has not been driven for a certain amount of time

While making a left/right turn and for a few seconds after making a left/right turn

While driving on a curve and for a few seconds after driving on a curve

If your vehicle is skidding

If the front of the vehicle is raised or lowered



If the wheels are misaligned

If a wiper blade is blocking the front camera

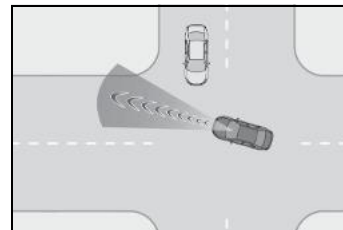
The vehicle is being driven at extremely high speeds

When driving on a hill

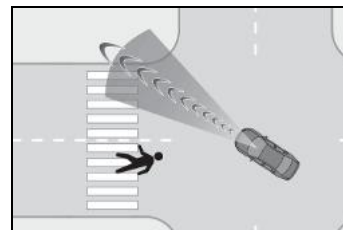
If the radar sensor or front camera is misaligned

When driving in a traffic lane separated by more than one lane where oncoming vehicles are driving while making a right/left turn

When largely out of place with the opposite facing targeted oncoming vehicle during a right/left turn



While making a right/left turn, when a pedestrian approaches from behind or side of your vehicle



- In addition to the above, in some situations, such as the following, the emergency steering assist may not operate.
 - When the white (yellow) lane lines are difficult to see, such as when they are faint, diverging/merging, or a shadow is cast upon them
 - When the lane is wider or narrower than normal
 - When there is a light and dark pattern on the road surface, such as due to road repairs
 - When the target is too close
 - When there is insufficient safe or unobstructed space for the vehicle to be steered into

If oncoming vehicle is present
If VSC function is operating

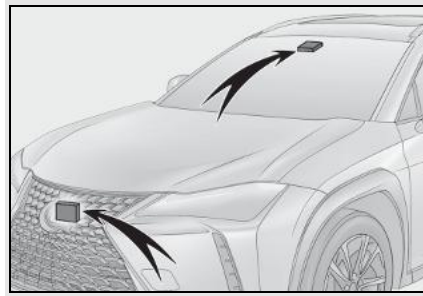
- In some situations such as the following, sufficient braking force or steering force may not be obtained, preventing the system from performing properly:
If the braking functions cannot operate to their full extent, such as when the brake parts are extremely cold, extremely hot, or wet
If the vehicle is not properly maintained (brakes or tires are excessively worn, improper tire inflation pressure, etc.)
When the vehicle is being driven on a gravel road or other slippery surface
When the road surface has deep wheel tracks
When driving on a hill road
When driving on a road that has inclines to the left or right
- If VSC is disabled
- If VSC is disabled (→P.329), the pre-collision brake assist and pre-collision braking functions are also disabled.
- The PCS warning light will turn on and VSC Turned Off Pre-Collision Brake System Unavailable will be displayed on the multi-information display.

LTA (Lane Tracing Assist)

While driving on a road with clear white (yellow) lane lines, the LTA system warns the driver if the vehicle may deviate from the current lane or course^{*}, and also can slightly operate the steering wheel to help avoid deviation from the lane or course^{*}. Also, while the dynamic radar cruise control with full-speed range (→P.288) is operating, this system will operate the steering wheel to maintain the vehicle's lane position.

The LTA system recognizes white (yellow) lane lines or a course^{*} using the front camera. Additionally, it detects preceding vehicles using the front camera and radar.

^{*}: Boundary between asphalt and the side of the road, such as grass, soil, or a curb



⚠ WARNING**■ Before using LTA system**

- Do not rely solely upon the LTA system. The LTA system does not automatically drive the vehicle or reduce the amount of attention that must be paid to the area in front of the vehicle. The driver must always assume full responsibility for driving safely by paying careful attention to the surrounding conditions and operating the steering wheel to correct the path of the vehicle. Also, the driver must take adequate breaks when fatigued, such as from driving for a long period of time.
- Failure to perform appropriate driving operations and pay careful attention may lead to an accident, resulting in death or serious injury.

■ Situations unsuitable for LTA system

In the following situations, use the LTA switch to turn the system off. Failure to do so may lead to an accident, resulting in death or serious injury.

- Vehicle is driven on a road surface which is slippery due to rainy weather, fallen snow, freezing, etc.
- Vehicle is driven on a snow-covered road.
- White (yellow) lines are difficult to see due to rain, snow, fog, dust, etc.
- Vehicle is driven in a temporary lane or restricted lane due to construction work.
- Vehicle is driven in a construction zone.
- A spare tire, tire chains, etc. are equipped.
- When the tires have been excessively worn, or when the tire inflation pressure is low.

- During emergency towing

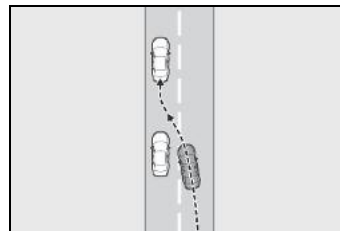
■ Preventing LTA system malfunctions and operations performed by mistake

- Do not modify the headlights or place stickers, etc. on the surface of the lights.
- Do not modify the suspension etc. If the suspension etc. needs to be replaced, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- Do not install or place anything on the hood or grille. Also, do not install a grille guard (bull bars, kangaroo bar, etc.).
- If your windshield needs repairs, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ Conditions in which functions may not operate properly

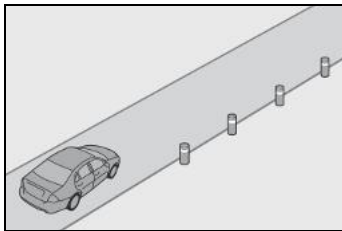
In the following situations, the functions may not operate properly and the vehicle may depart from its lane. Drive safely by always paying careful attention to your surroundings and operate the steering wheel to correct the path of the vehicle without relying solely on the functions.

- When the follow-up cruising display is displayed (→P.280) and the preceding vehicle changes lanes. (Your vehicle may follow the preceding vehicle and also change lanes.)

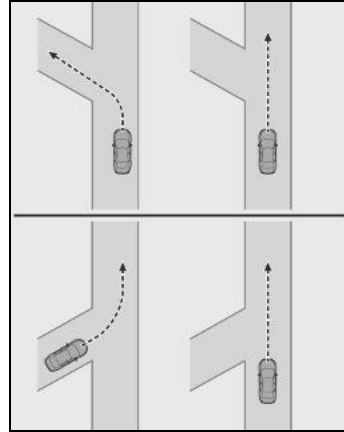


⚠ WARNING

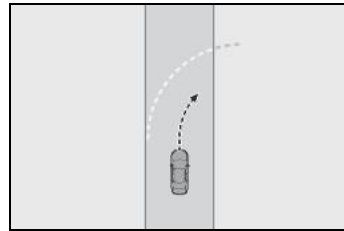
- When the follow-up cruising display is displayed (→P.280) and the preceding vehicle is swaying. (Your vehicle may sway accordingly and depart from the lane.)
- When the follow-up cruising display is displayed (→P.280) and the preceding vehicle departs from its lane. (Your vehicle may follow the preceding vehicle and depart from the lane.)
- When the follow-up cruising display is displayed (→P.280) and the preceding vehicle is being driven extremely close to the left/right lane line. (Your vehicle may follow the preceding vehicle and depart from the lane.)
- Vehicle is being driven around a sharp curve.
- Objects or patterns that could be mistaken for white (yellow) lines are present on the side of the road (guardrails, reflective poles, etc.).



- Vehicle is driven where the road diverges, merges, etc.



- Repair marks of asphalt, white (yellow) lines, etc. are present due to road repair.



- There are shadows on the road that run parallel with, or cover, the white (yellow) lines.
- The vehicle is driven in an area without white (yellow) lines, such as in front of a tollgate or checkpoint, or at an intersection, etc.
- The white (yellow) lines are cracked, Raised pavement marker or stones are present.
- The white (yellow) lines cannot be seen or are difficult to see due to sand, etc.
- The vehicle is driven on a road surface that is wet due to rain, puddles, etc.

**WARNING**

- The traffic lines are yellow (which may be more difficult to recognize than lines that are white).
- The white (yellow) lines cross over a curb, etc.
- The vehicle is driven on a bright surface, such as concrete.
- If the edge of the road is not clear or straight.
- The vehicle is driven on a surface that is bright due to reflected light, etc.
- The vehicle is driven in an area where the brightness changes suddenly, such as at the entrances and exits of tunnels, etc.
- Light from the headlights of an oncoming vehicle, the sun, etc. enters the camera.
- The vehicle is driven on a slope.
- The vehicle is driven on a road which tilts left or right, or a winding road.
- The vehicle is driven on an unpaved or rough road.
- The traffic lane is excessively narrow or wide.
- The vehicle is extremely tilted due to carrying heavy luggage or having improper tire pressure.
- The distance to the preceding vehicle is extremely short.
- The vehicle is moving up and down a large amount due to road conditions during driving (poor roads or road seams).
- When driving in a tunnel or at night with the headlights off or when a headlight is dim due to its lens being dirty or it being misaligned.

- The vehicle is struck by a crosswind.
- The vehicle is affected by wind from a vehicle driven in a nearby lane.
- The vehicle has just changed lanes or crossed an intersection.
- Tires which differ by structure, manufacturer, brand or tread pattern are used.
- When tires of a size other than specified are installed.
- Snow tires, etc. are equipped.
- The vehicle is being driven at extremely high speeds.

Functions included in LTA system**■ Lane departure alert function**

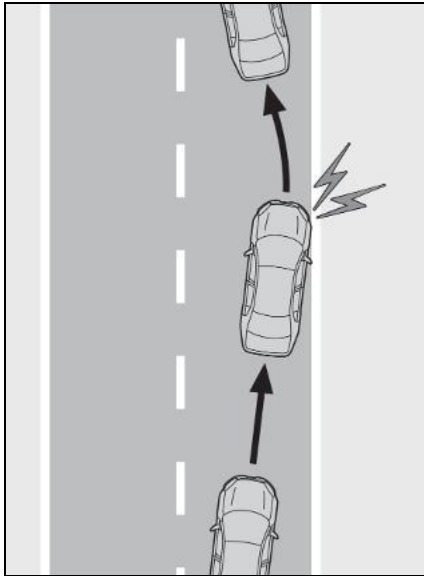
When the system determines that the vehicle might depart from its lane or course^{*}, a warning is displayed on the multi-information display, and either a warning buzzer will sound or the steering wheel will vibrate to alert the driver.

When the warning buzzer sounds or the steering wheel vibrates, check the area around your vehicle and carefully operate the steering wheel to move the vehicle back to the center of the lane.

Vehicle with BSM: When the system determines that the vehicle might depart from its lane and that the possibility of a collision with an overtaking vehicle in the adjacent lane is high, the lane departure alert will operate even if the turn signals are operating.

*: Boundary between asphalt and the side

of the road, such as grass, soil, or a curb

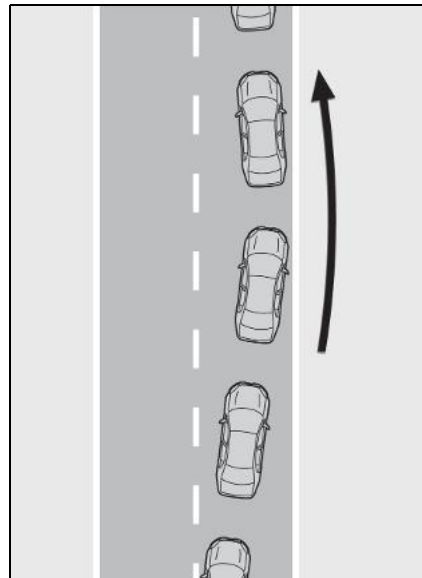


■ **Steering assist function**

When the system determines that the vehicle might depart from its lane or course^{*}, the system provides assistance as necessary by operating the steering wheel in small amounts for a short period of time to keep the vehicle in its lane.

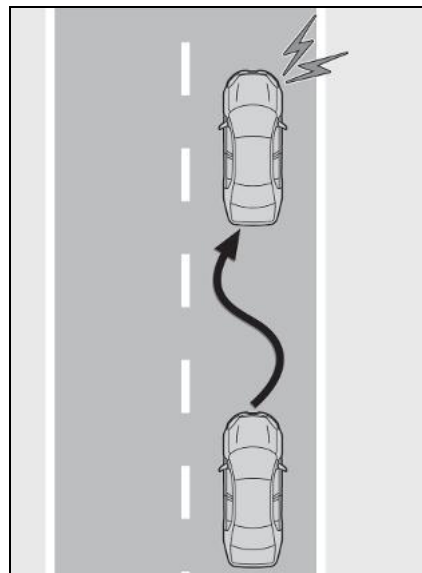
Vehicle with BSM: When the system determines that the vehicle might depart from its lane and that the possibility of a collision with an overtaking vehicle in the adjacent lane is high, the steering assist function will operate even if the turn signals are operating.

*: Boundary between asphalt and the side of the road, such as grass, soil, or a curb



■ **Vehicle sway warning function**

When the vehicle is swaying within a lane, the warning buzzer will sound and a message will be displayed on the multi-information display to alert the driver.

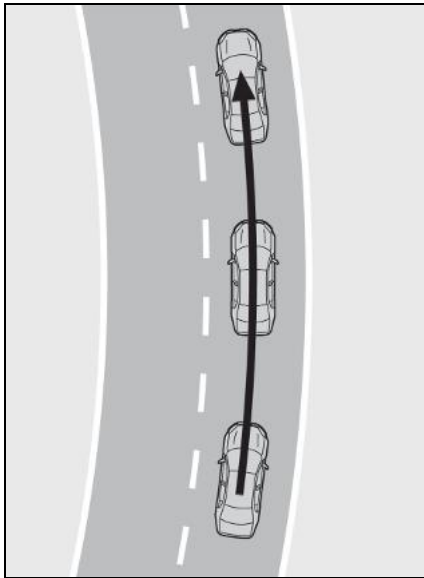


■ Lane centering function

This function is linked with dynamic radar cruise control with full-speed range and provides the required assistance by operating the steering wheel to keep the vehicle in its current lane.

When dynamic radar cruise control with full-speed range is not operating, the lane centering function does not operate.

In situations where the white (yellow) lane lines are difficult to see or are not visible, such as when in a traffic jam, this function will operate to help follow a preceding vehicle by monitoring the position of the preceding vehicle.

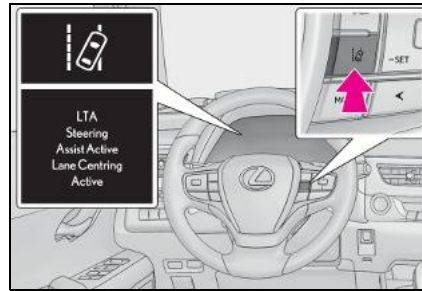


LTA system setting

■ Turning the lane centering function ON/OFF

Press the LTA switch.

The lane centering function will change between ON/OFF each time the switch is pressed.



Lane centering function on: LTA Steering Assist Active Lane Centring Active is displayed.

When the LTA system is turned on, operation of the LTA system continues in the same condition the next time the EV system is started.

■ Turning the LTA system OFF

Press and hold the LTA switch

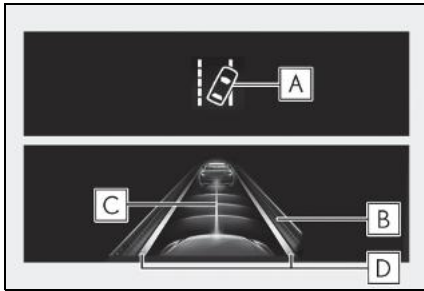
The LTA indicator light turns off when the LTA is turned OFF.

Press the switch again to turn the system on.

The LTA is turned ON each time the power switch is turned to ON.

However, the lane centering function keeps either the ON/OFF state prior to the power switch being turned OFF.

Indications on multi-information display



A LTA indicator

The illumination condition of the indicator informs the driver of the system operation status.

Illuminated in white:

LTA system is operating.

Illuminated in green:

Steering wheel assistance of the steering assist function or lane centering function is operating.

Flashing in orange:

Lane departure alert function is operating.

B Operation display of steering wheel operation support

Displayed when the multi-information display is switched to the driving support system information display.

Indicates that steering wheel assistance of the steering assist function or lane centering function is operating.

Both outer sides of the lane are displayed:

Indicates that steering wheel assist of the lane centering function is operating.

One outer side of the lane is displayed:

Indicates that steering wheel assist of the steering assist function is operating.

Both outer sides of the lane are flashing:

Alerts the driver that their input is necessary to stay in the center of the lane (lane centering function).

C Follow-up cruising display

Displayed when the multi-information display is switched to the driving support system information display.

Indicates that steering assist of the lane centering function is operating by monitoring the position of a preceding vehicle.

When the follow-up cruising display is displayed, if the preceding vehicle moves, your vehicle may move in the same way.

Always pay careful attention to your surroundings and operate the steering wheel as necessary to correct the path of the vehicle and ensure safety.

D Lane departure alert function display

Displayed when the multi-information display is switched to the driving support system information display.

► Inside of displayed lines is white



Indicates that the system is recognizing white (yellow) lines or a course*. When the vehicle departs from its lane, the white line displayed on the side the vehicle departs from flashes orange.

- ▶ Inside of displayed lines is black



Indicates that the system is not able to recognize white (yellow) lines or a course* or is temporarily canceled.

*: Boundary between asphalt and the side of the road, such as grass, soil, or a curb

■ Operation conditions of each function

- Lane departure alert function

This function operates when all of the following conditions are met.

- LTA is turned on.
- Vehicle speed is approximately 50 km/h (32 mph) or more.*¹
- System recognizes white (yellow) lane lines or a course*². (When a white [yellow] line or course*² is recognized on only one side, the system will operate only for the recognized side.)
- Width of traffic lane is approximately 3 m (9.8 ft.) or more.
- Turn signal lever is not operated. (Vehicle with BSM: Except when another vehicle is in the lane on the side where the turn signal was operated)
- Vehicle is not being driven around a sharp curve.
- No system malfunctions are detected. (→P.283)

*¹: The function operates even if the vehicle speed is less than approximately 50 km/h (32 mph) when the lane centering function is operating.

*²: Boundary between asphalt and the side

of the road, such as grass, soil, or a curb


- Steering assist function

This function operates when all of the following conditions are met in addition to the operation conditions for the lane departure alert function.

- Vehicle is not accelerated or decelerated by a fixed amount or more.
- Steering wheel is not operated with a steering force level suitable for changing lanes.
- ABS, VSC, TRC and PCS are not operating.
- TRC or VSC is not turned off.

- Vehicle sway warning function

This function operates when all of the following conditions are met.

- Setting for Warning in  of the multi-information display is set to On .


(→P.166)

- Vehicle speed is approximately 50 km/h (32 mph) or more.
- Width of traffic lane is approximately 3 m (9.8 ft.) or more.
- No system malfunctions are detected. (→P.283)

- Lane centering function

This function operates when all of the following conditions are met.

- LTA is turned on.


- Setting for Lane Centre in  of the multi-information display is set to On .

(→P.166)

- This function recognizes white (yellow) lane lines or the position of a preceding vehicle (except when the preceding vehicle is small, such as a motorcycle).
- The dynamic radar cruise control with full-speed range is operating in vehicle-to-vehicle distance control mode.
- Width of traffic lane is approximately 3 to 4 m (10 to 13 ft.).
- Turn signal lever is not operated.
- Vehicle is not being driven around a sharp curve.
- No system malfunctions are detected.

(→P.283)
 Vehicle does not accelerate or decelerate by a fixed amount or more.
 Steering wheel is not operated with a steering force level suitable for changing lanes.
 ABS, VSC, TRC and PCS are not operating.
 TRC or VSC is not turned off.
 Hands off steering wheel warning is not displayed. (→P.282)
 The vehicle is being driven in the center of a lane.
 Steering assist function is not operating.

■ **Temporary cancelation of functions**

- When operation conditions are no longer met, a function may be temporarily canceled. However, when the operation conditions are met again, operation of the function is automatically restored. (→P.281)
- If the operation conditions (→P.281) are no longer met while the lane centering function is operating, the steering wheel may vibrate and the buzzer may sound to indicate that the function has been temporarily canceled. However, if the Alert customization setting is set to , the system will notify the driver by vibrating the steering wheel instead of sounding the buzzer.

■ **Steering assist function/lane centering function**

- Depending on the vehicle speed, lane departure situation, road conditions, etc., the driver may not feel the function is operating or the function may not operate at all.
- The steering control of the function is overridden by the driver's steering wheel operation.
- Do not attempt to test the operation of the steering assist function.

■ **Lane departure alert function**

- The warning buzzer may be difficult to hear due to external noise, audio play-

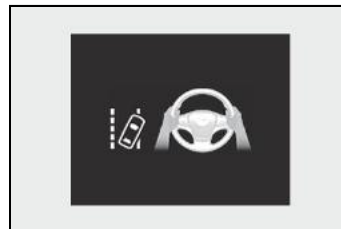
back, etc. Also, it may be difficult to feel steering wheel vibrations due to the road conditions, etc.

- If the edge of the course* is not clear or straight, the lane departure alert function may not operate.
- Vehicle with BSM: It may not be possible for the system to determine if there is a danger of a collision with a vehicle in an adjacent lane.
- Do not attempt to test the operation of the lane departure alert function.

*: Boundary between asphalt and the side of the road, such as grass, soil, or a curb


■ **Hands off steering wheel warning**

In the following situations, a warning message urging the driver to hold the steering wheel and the symbol shown in the illustration are displayed on the multi-information display to warn the driver. The warning stops when the system determines that the driver holds the steering wheel. Always keep your hands on the steering wheel when using this system, regardless of warnings.



- When the system determines the driver is not holding the steering wheel while the lane centering function is operating.

If the driver continues to keep their hands off of the steering wheel, the buzzer sounds, the driver is warned and the function is temporarily canceled. This warning also operates in the same way when the driver continuously operates the steering wheel only a small amount.


The buzzer also sounds even if the alert type is set to .

- When the system determines that the vehicle may deviate from the lane while driving around a curve while the lane centering function is operating.

Depending on the vehicle condition and road conditions, the warning may not operate.

- When the system determines that the driver is driving without holding the steering wheel while the steering wheel assist of the steering assist function is operating.

If the driver continues to keep their hands off of the steering wheel and the steering wheel assist is operating, the buzzer sounds and the driver is warned. Each time the buzzer sounds, the continuing time of the buzzer becomes longer.

The buzzer also sounds even if the alert type is set to .

■ Vehicle sway warning function

When the system determines that the vehicle is swaying while the vehicle sway warning function is operating, a buzzer sounds and a warning message urging the driver to rest and the symbol shown in the illustration are simultaneously displayed on the multi-information display.



Depending on the vehicle and road conditions, the warning may not operate.

■ Warning message

If the following warning message is displayed on the multi-information display and the LTA indicator illuminates in orange, follow the appropriate troubleshooting procedure. Also, if a different warning message is displayed, follow the instructions displayed

on the screen.

- LTA Malfunction Visit Your Dealer

The system may not be operating properly. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- LTA Unavailable

The system is temporarily canceled due to a malfunction in a sensor other than the front camera. Turn the LTA system off, wait for a little while, and then turn the LTA system back on.

- LTA Unavailable at Current Speed

The function cannot be used as the vehicle speed exceeds the LTA operation range. Drive slower.

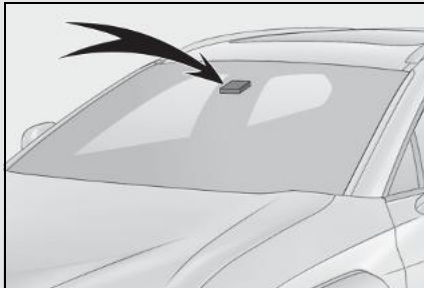
■ Customization

Function settings can be changed.
(Customizable features: →P.479)

RSA (Road Sign Assist)*

*: If equipped

The RSA system recognizes specific road signs using the front camera and/or navigation system (when speed limit information is available) to provide information to the driver via the display.



If the system judges that the vehicle is being driven over the speed limit, performing prohibited actions, etc. according to the recognized road signs, it notifies the driver through a visual notification and notification buzzer or steering wheel vibration.

⚠ WARNING

■ Before using the RSA

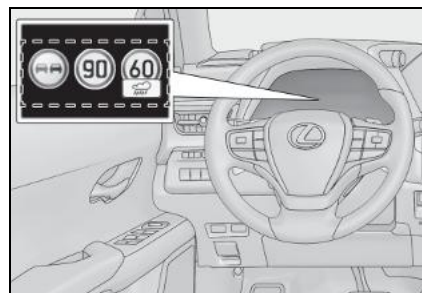
Do not rely solely upon the RSA system. RSA is a system which supports the driver by providing information, but it is not a replacement for a driver's own vision and awareness. Drive safely by always paying careful attention to the traffic rules.

Indication on the multi-information display

When the front camera recognizes a

sign and/or information of a sign is available from the navigation system, the sign will be displayed on the multi-information display.

- When the driving support system information display is selected, a maximum of 3 signs can be displayed. (→P.166)



- When a tab other than the driving support system information display is selected, the following types of road signs will be displayed. (→P.166)

Speed limit begins/ends sign

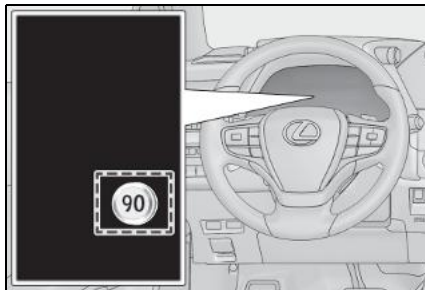
Speed limit related information sign (Motorway, Expressway, Urban area, Residential area)

End of prohibition sign

No-entry sign* (when notification is necessary)

Speed limit with supplemental sign (Ramp way only)

*: For vehicles with navigation system



If signs other than speed limit signs are recognized, they will be displayed in an overlapping stack under the current speed limit sign.

Supported types of road signs

The following types of road signs, including electronic signs and blinking signs, are displayed.

A non-official (not meeting the Vienna Convention) or a recently introduced traffic sign 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 entrance



: Motorway exit



: Expressway entrance



: Expressway exit



: Urban area beginning



: Urban area ending



: Urban area beginning



: Urban area ending




: Residential area beginning



: Residential area ending

^{*1}: Displayed when a sign is recognized 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

*: For vehicles with navigation system

- Speed limit with supplemental mark *¹



: Wet



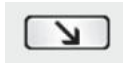
: Rain



: Ice



: Supplemental mark exists *²



: Exit ramp on right *³



: Exit ramp on left *³



: Time

*¹: Displayed simultaneously with speed limit.

*²: Contents not recognized.

*³: If the turn signal indicator is not operated when changing lanes, the mark does not display.



Notification function



In the following situations, the RSA system will notify the driver.

- When the vehicle speed exceeds the speed notification threshold of the speed limit sign displayed, the sign display will be emphasized and a buzzer will sound.
- When the RSA system recognizes a no-entry sign and detects that the vehicle has entered a no-entry area based on the map information of the navigation system, the no-entry sign flashes and a buzzer will sound. (For vehicles with navigation system)
- If it is detected that your vehicle is overtaking when a no overtaking sign is displayed on the multi-information display, the displayed sign will flash and a steering wheel will vibrate.

Depending on the situation, traffic environment (traffic direction, speed unit) may be detected incorrectly and a notification function may not operate properly.

Setting procedure

- 1 Press **<** or **>** of the meter control switches and select 
- 2 Press **▲** or **▼** of the meter control switches and select **Vehicle Settings**, then press **OK**
- 3 Press **▲** or **▼** of the meter control switches and select  then press **OK**

- 4 Press  or  of the meter control switches and select RSA, then press OK

■ Automatic turn-off of RSA sign display

One or more signs automatically turn off in the following situations.

- No sign has been recognized for a certain distance.
- The road changes due to a left or right turn, etc.

■ Conditions in which the function may not operate or detect correctly

In the following situations, RSA does not operate normally and may not recognize signs, display the incorrect sign, etc. However, this does not indicate a malfunction.

- The front camera is misaligned due to a strong impact being applied to the sensor, etc.
- Dirt, snow, stickers, etc. are on the windshield near the front camera.
- In inclement weather such as heavy rain, fog, snow or sand storms.
- Light from an oncoming vehicle, the sun, etc. enters the front camera.
- The sign is dirty, faded, tilted or bent.
- The contrast of electronic sign is low.
- All or part of the sign is hidden by the leaves of a tree, a pole, etc.
- The sign is only visible to the front camera for a short amount of time.
- The driving scene (turning, lane change, etc.) is judged incorrectly.
- If a sign not appropriate for the currently traveled lane, but the sign exists directly after a freeway branches, or in an adjacent lane just before merging.
- Stickers are attached to the rear of the preceding vehicle.
- A sign resembling a system compatible sign is recognized.
- Side road speed signs may be detected and displayed (if positioned in sight of the front camera) while the vehicle is travel-

ing on the main road.

- Roundabout exit road speed signs may be detected and displayed (if positioned in sight of the front camera) while traveling on a roundabout.
- The front of the vehicle is raised or lowered due to the carried load.
- The surrounding brightness is not sufficient or changes suddenly.
- When a sign intended for trucks, etc. is recognized.
- The vehicle is driven in a country with a different direction of traffic.
- The navigation system map data is outdated.
- The navigation system is not operating.
- The speed information displayed on the meter and on the navigation system may be different due to the navigation system using map data.

■ Speed limit sign display

If the power switch was last turned off while a speed limit sign was displayed on the multi-information display, the same sign displays again when the power switch is turned to ON.

■ If RSA Malfunction Visit Your Dealer is shown

The system may be malfunctioning. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ Customization

Some functions can be customized. (Customizable features: →P.479)

Dynamic radar cruise control with full-speed range

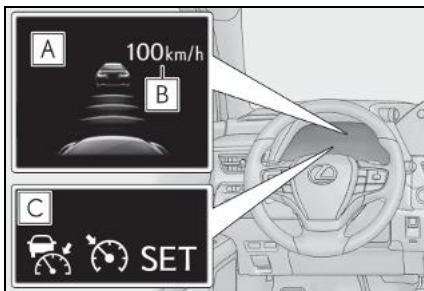
In vehicle-to-vehicle distance control mode, the vehicle automatically accelerates, decelerates and stops to match the speed changes of the preceding vehicle even if the accelerator pedal is not depressed. In constant speed control mode, the vehicle runs at a fixed speed.

Use the dynamic radar cruise control with full-speed range on free-ways and highways.

- Vehicle-to-vehicle distance control mode (→P.290)
- Constant speed control mode (→P.295)

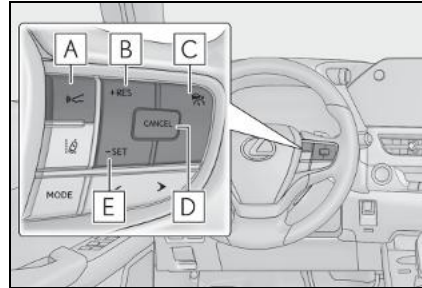
System components

■ Meter display



- A** Multi-information display
- B** Set speed
- C** Indicators

■ Operation switches



- A** Vehicle-to-vehicle distance switch
- B** +RES switch
- C** Cruise control main switch
- D** Cancel switch
- E** -SET switch

⚠ WARNING

■ Before using dynamic radar cruise control with full-speed range

- Driving safely is the sole responsibility of the driver. Do not rely solely on the system, and drive safely by always paying careful attention to your surroundings.
- The dynamic radar cruise control with full-speed range provides driving assistance to reduce the driver's burden. However, there are limitations to the assistance provided.

Read the following conditions carefully. Do not overly rely on this system and always drive carefully.

When the sensor may not be correctly detecting the vehicle ahead: →P.298

Conditions under which the vehicle-to-vehicle distance control mode may not function correctly: →P.299

**WARNING**

- Set the speed appropriately depending on the speed limit, traffic flow, road conditions, weather conditions, etc. The driver is responsible for checking the set speed.
- Even when the system is functioning normally, the condition of the preceding vehicle as detected by the system may differ from the condition observed by the driver. Therefore, the driver must always remain alert, assess the danger of each situation and drive safely. Relying solely on this system or assuming the system ensures safety while driving can lead to an accident, resulting in death or serious injury.
- Switch the dynamic radar cruise control with full-speed range setting to off, using the cruise control main switch when not in use.

■ Cautions regarding the driving assist systems

Observe the following precautions, as there are limitations to the assistance provided by the system. Failure to do so may cause an accident resulting in death or serious injury.

- **Assisting the driver to measure following distance**
The dynamic radar cruise control with full-speed range is only intended to help the driver in determining the following distance between the driver's own vehicle and a designated vehicle traveling ahead. It is not a mechanism that allows careless or inattentive driving, and it is not a system that can assist the driver in low-visibility conditions. It is still necessary for driver to pay close attention to the vehicle's surroundings.

- **Assisting the driver to judge proper following distance**
The dynamic radar cruise control with full-speed range determines whether the following distance between the driver's own vehicle and a designated vehicle traveling ahead is within a set range. It is not capable of making any other type of judgement. Therefore, it is absolutely necessary for the driver to remain vigilant and to determine whether or not there is a possibility of danger in any given situation.

- **Assisting the driver to operate the vehicle**
The dynamic radar cruise control with full-speed range does not include functions which will prevent or avoid collisions with vehicles ahead of your vehicle. Therefore, if there is ever any possibility of danger, the driver must take immediate and direct control of the vehicle and act appropriately in order to ensure the safety of all involved.

■ Situations unsuitable for dynamic radar cruise control with full-speed range

Do not use dynamic radar cruise control with full-speed range in any of the following situations. Doing so may result in inappropriate speed control and could cause an accident resulting in death or serious injury.

- Roads where there are pedestrians, cyclists, etc.
- In heavy traffic
- On roads with sharp bends
- On winding roads
- On slippery roads, such as those covered with rain, ice or snow



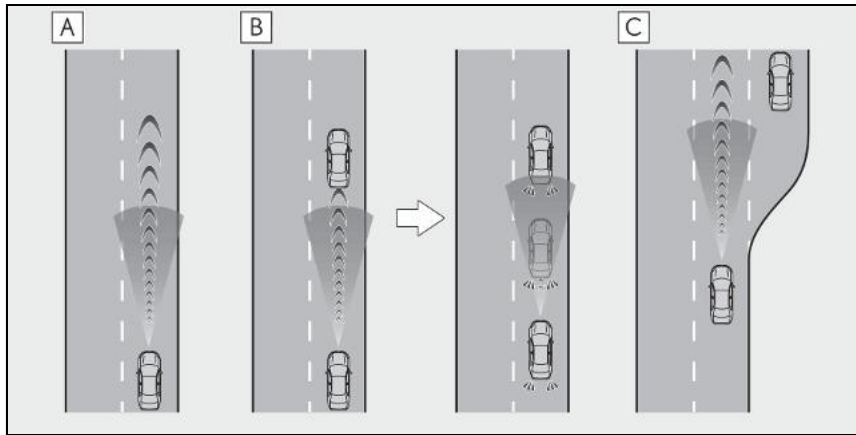
WARNING

- On steep downhills, or where there are sudden changes between sharp up and down gradients
Vehicle speed may exceed the set speed when driving down a steep hill.
- At entrances to freeways and highways
- When weather conditions are bad enough that they may prevent the sensors from detecting correctly (fog, snow, sandstorm, heavy rain, etc.)
- When there is rain, snow, etc. on the front surface of the radar or front camera
- In traffic conditions that require frequent repeated acceleration and deceleration
- During emergency towing
- When an approach warning buzzer is heard often

Driving in vehicle-to-vehicle distance control mode

This mode employs a radar to detect the presence of vehicles up to approximately 100 m (328 ft.) ahead, determines the current vehicle-to-vehicle following distance, and operates to maintain a suitable following distance from the vehicle ahead. The desired vehicle-to-vehicle distance can also be set by operating the vehicle-to-vehicle distance switch.

When driving on downhill slopes, the vehicle-to-vehicle distance may become shorter.



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

The vehicle travels at the speed set by the driver.

B Example of deceleration cruising and follow-up cruising

When a preceding vehicle driving slower than the set speed appears

When a vehicle is detected running ahead of you, the system automatically decelerates your vehicle. When a greater reduction in vehicle speed is necessary, the system applies the brakes (the stop lights will come on at this time). The system will respond to changes in the speed of the vehicle ahead in order to maintain the vehicle-to-vehicle distance set by the driver. Approach warning warns you when the system cannot decelerate sufficiently to prevent your vehicle from closing in on the vehicle ahead.

When the vehicle ahead of you stops, your vehicle will also stop (vehicle is stopped by system control). After the vehicle ahead starts off, pressing the **+RES** switch or depressing the accelerator pedal (start-off operation) will resume follow-up cruising. If the start-off operation is not performed, system control continues to keep your vehicle stopped.

When the turn signal lever is operated and your vehicle moves to an overtaking lane while driving at 80 km/h (50 mph) or more, the vehicle will accelerate to help to overtake a passing vehicle.

The system's identification of what is an overtaking lane may be determined solely based on the location of the steering wheel in the vehicle (left side driver position versus right side driver position.) If the vehicle is driven to a region where the overtaking lane is on a different side from where the vehicle is normally driven, the vehicle may accelerate when the turn signal lever is operated in the opposite direction to the overtaking lane (e.g., if the driver normally operates the vehicle in a region where the overtaking lane is to the right but then drives to a region where the overtaking lane is to the left, the vehicle may accelerate when the right turn signal is activated).

C Example of acceleration

When there are no longer any preceding vehicles driving slower than the set speed

The system accelerates until the set speed is reached. The system then returns to constant speed cruising.

Setting the vehicle speed (vehicle-to-vehicle distance control mode)

- 1 Press the cruise control main switch to activate the cruise control.

Dynamic radar cruise control indicator will come on and a message will be displayed on the multi-information display. Press the switch again to deactivate the cruise control.

If the cruise control main switch is pressed and held for 1.5 seconds or more, the system turns on in constant speed control mode. (→P.295)

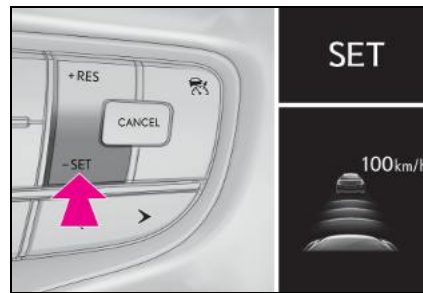


- 2 Accelerate or decelerate, with accelerator pedal operation, to the desired vehicle speed (at or above approximately 30 km/h [20 mph]) and press the -SET switch to set the speed.

Cruise control SET indicator will come on.

The vehicle speed at the moment the

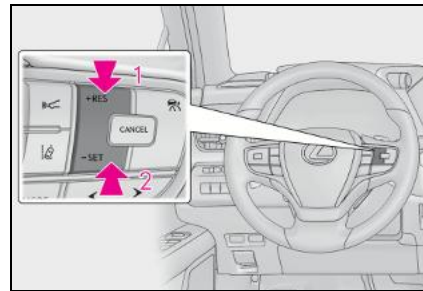
switch is released becomes the set speed.



Adjusting the set speed

- Adjusting the set speed by the switch

To change the set speed, press the +RES or -SET switch until the desired set speed is displayed.



- 1 Increases the speed (Except when the vehicle has been stopped by system control in vehicle-to-vehicle distance control mode)
- 2 Decreases the speed

Fine adjustment: Press the switch.

Large adjustment: Press and hold the switch to change the speed, and release

when the desired speed is reached.

In the vehicle-to-vehicle distance control mode, the set speed will be increased or decreased as follows:

Fine adjustment: By 1 km/h (0.6 mph)^{*1} or 1 mph (1.6 km/h)^{*2} each time the switch is pressed

Large adjustment: Increases or decreases in 5 km/h (3.1 mph)^{*1} or 5 mph (8 km/h)^{*2} increments for as long as the switch is held

In the constant speed control mode (→P.295), the set speed will be increased or decreased as follows:

Fine adjustment: By 1 km/h (0.6 mph)^{*1} or 1 mph (1.6 km/h)^{*2} each time the switch is pressed

Large adjustment: The speed will continue to change while the switch is held.

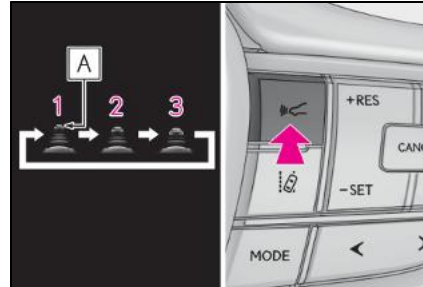
^{*1}: When the set speed is shown in km/h

^{*2}: When the set speed is shown in MPH

- Increasing the set speed by the accelerator pedal
- 1** Accelerate with accelerator pedal operation to the desired vehicle speed
- 2** Press the -SET switch

Changing the vehicle-to-vehicle distance (vehicle-to-vehicle distance control mode)

Pressing the switch changes the vehicle-to-vehicle distance as follows:



- 1** Long
- 2** Medium
- 3** Short

If a vehicle is running ahead of you, the preceding vehicle mark **A** will also be displayed.

Vehicle-to-vehicle distance settings (vehicle-to-vehicle distance control mode)

Select a distance from the table below. Note that the distances shown correspond to a vehicle speed of 80 km/h (50 mph). Vehicle-to-vehicle distance increases/decreases in accordance with vehicle speed. When the vehicle is stopped by system control, the vehicle stops at a certain vehicle-to-vehicle distance depending on the situation.

Distance options	Vehicle-to-vehicle distance
Long	Approximately 50 m (160 ft.)
Medium	Approximately 40 m (130 ft.)
Short	Approximately 30 m (100 ft.)

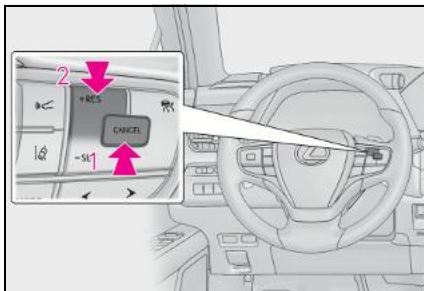
Resuming follow-up cruising when the vehicle has been stopped by system control (vehicle-to-vehicle distance control mode)

After the vehicle ahead of you starts off, press the +RES switch.

Your vehicle will also resume follow-up cruising if the accelerator pedal is depressed after the vehicle ahead of you starts off.



Canceling and resuming the speed control



1 Pressing the cancel switch cancels the speed control.

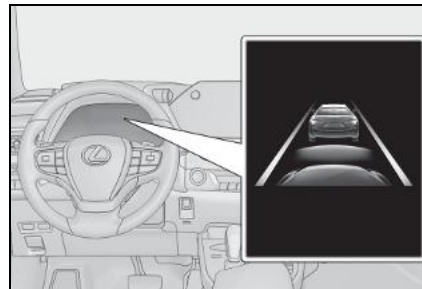
The speed control is also canceled when the brake pedal is depressed. (When the vehicle has been stopped by system control, depressing the brake pedal does not

cancel the setting.)

2 Pressing the +RES switch resumes the cruise control and returns vehicle speed to the set speed.

Approach warning (vehicle-to-vehicle distance control mode)

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



■ Warnings may not occur when

In the following instances, warnings may not occur even when the vehicle-to-vehicle distance is small.

- When the speed of the preceding vehicle matches or exceeds your vehicle speed
- When the preceding vehicle is traveling at an extremely slow speed
- Immediately after the cruise control

speed was set

- When depressing the accelerator pedal

Curve speed reduction function

While driving in vehicle-to-vehicle distance control mode, this function will reduce the vehicle speed, if it is determined to be necessary.

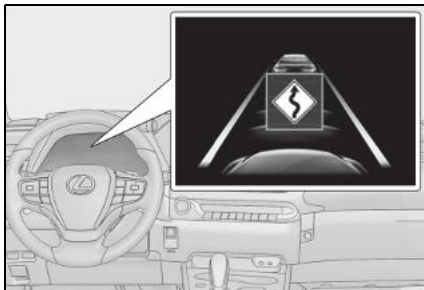
■ Function operation

When the steering wheel begins to be turned, the vehicle speed will begin being reduced. When the steering wheel is returned to the center position, the vehicle speed reduction will end.

Depending on the situation, the vehicle speed will then return to the vehicle-to-vehicle distance control mode set 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.


■ Operation display



Displayed when the vehicle speed is being reduced.

When the vehicle speed reduction ends, the display will disappear.

■ Changing the settings of the curve speed reduction function

The curve speed reduction function can be enabled/disabled and the vehicle speed reduction strength can be adjusted on  (→P.166) of the multi-information display.

The setting will change each time the OK meter control switch is pressed.

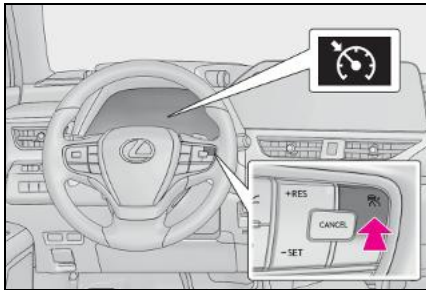
Selecting constant speed control mode

When constant speed control mode is selected, your vehicle will maintain a set speed without controlling the vehicle-to-vehicle distance. Select this mode only when vehicle-to-vehicle distance control mode does not function correctly due to a dirty radar, etc.

- 1 With the cruise control off, press and hold the cruise control main switch for 1.5 seconds or more.

Immediately after the switch is pressed, the dynamic radar cruise control indicator will come on. Afterwards, it switches to the cruise control indicator.

Switching to constant speed control mode is only possible when operating the switch with the cruise control off.



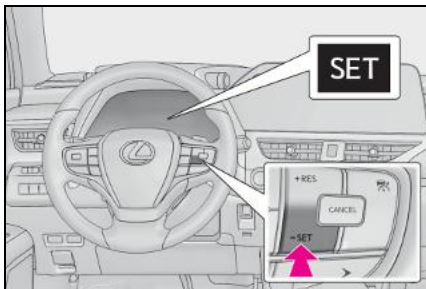
- 2 Accelerate or decelerate, with accelerator pedal operation, to the desired vehicle speed (at or above approximately 30 km/h [20 mph]) and press the -SET switch to set the speed.

Cruise control SET indicator will come on.

The vehicle speed at the moment the switch is released becomes the set speed.

Adjusting the speed setting: →P.292

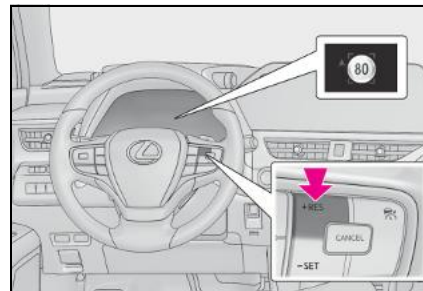
Canceling and resuming the speed setting: →P.294



Dynamic Radar Cruise Control with Road Sign Assist

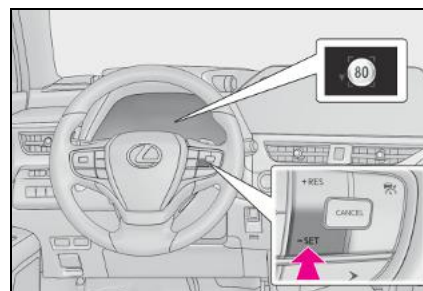
When this function is enabled and the system is operating in vehicle-to-vehicle distance control mode (→P.290), when a speed limit sign is detected, the recognized speed limit will be displayed with an up/down arrow. The set speed can be increased/reduced to the recognized speed limit by pressing and holding the +RES / -SET switch.

- When the current set speed is lower than the recognized speed limit




Press and hold the +RES switch.

- When the current set speed is higher than the recognized speed limit



Press and hold the -SET switch.

Enabling/Disabling the Dynamic Radar Cruise Control with Road Sign Assist

Dynamic Radar Cruise Control with Road Sign Assist can be enabled/disabled in  on the multi-information display. (→P.166)

When the Dynamic Radar Cruise Control with Road Sign Assist is operating, while driving down a hill, the vehicle speed may exceed the set speed.

In this case, the displayed set vehicle speed will be highlighted and a buzzer will sound to alert the driver.

■ Dynamic radar cruise control with full-speed range can be set when

- The shift position is in D.
- The desired set speed can be set when the vehicle speed is approximately 30 km/h (20 mph) or more. (However, when the vehicle speed is set while driving at below approximately 30 km/h [20 mph], the set speed will be set to approximately 30 km/h [20 mph].)

■ Accelerating after setting the vehicle speed

The vehicle can accelerate by operating the accelerator pedal. After accelerating, the set speed resumes. However, during vehicle-to-vehicle distance control mode, the vehicle speed may decrease below the set speed in order to maintain the distance to the preceding vehicle.

■ When the vehicle stops while follow-up cruising

- Pressing the +RES switch while the vehicle ahead stops will resume follow-up cruising if the vehicle ahead starts off within approximately 3 seconds after the switch is pressed.

- If the vehicle ahead starts off within 3 seconds after your vehicle stops, follow-up cruising will be resumed.

■ Automatic cancelation of vehicle-to-vehicle distance control mode

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

- VSC is activated.
- TRC is activated for a period of time.
- When the VSC or TRC system is turned off.
- The sensor cannot detect correctly because it is covered in some way.
- When the brake control or output restriction control of a driving support system operates. (For example: Pre-Collision System, Drive-Start Control)
- The parking brake is operated.
- The vehicle is stopped by system control on a steep incline.
- The following are detected when the vehicle has been stopped by system control:
 - The driver is not wearing a seat belt.
 - The driver's door is opened.
 - The vehicle has been stopped for about 3 minutes

If vehicle-to-vehicle distance control mode is automatically canceled for any reasons other than the above, there may be a malfunction in the system. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ Automatic cancelation of constant speed control mode

Constant speed control mode is automatically canceled in the following situations:

- Actual vehicle speed is more than approximately 16 km/h (10 mph) below the set vehicle speed.
- Actual vehicle speed falls below approximately 30 km/h (20 mph).
- VSC is activated.

- TRC is activated for a period of time.
- When the VSC or TRC system is turned off.
- When the brake control or output restriction control of a driving support system operates.
(For example: Pre-Collision System, Drive-Start Control)
- The parking brake is operated.

If constant speed control mode is automatically canceled for any reasons other than the above, there may be a malfunction in the system. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **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

■ **The Dynamic Radar Cruise Control with Road Sign Assist may not operate properly when**

As the Dynamic Radar Cruise Control with Road Sign Assist may not operate properly in conditions in which RSA (if equipped) may not operate or detect correctly (→P.287), when using this function, make sure to check the speed limit sign displayed.

In the following situations, the set speed may not be changed to the recognized speed limit by pressing and holding the +RES / -SET switch.

- If speed limit information is not available
- When the recognized speed limit is the same as the set speed
- When the recognized speed limit is outside of the speed range that the dynamic radar cruise control system can operate

■ **Brake operation**

A brake operation sound may be heard and the brake pedal response may change, but these are not malfunctions.

■ **Warning messages and buzzers for dynamic radar cruise control with full-speed range**

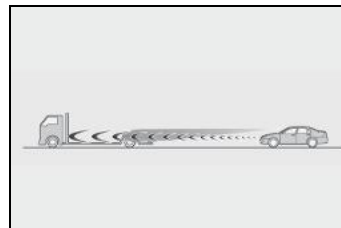
Warning messages and buzzers are used to indicate a system malfunction or to inform the driver of the need for caution while driving. If a warning message is shown on the multi-information display, read the message and follow the instructions. (→P.262, 436)

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

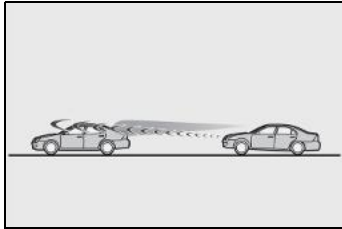
In the case of the following and depending on the conditions, operate the brake pedal when deceleration of the system is insufficient or operate the accelerator pedal when acceleration is required.

As the sensor may not be able to correctly detect these types of vehicles, the approach warning (→P.294) may not be activated.

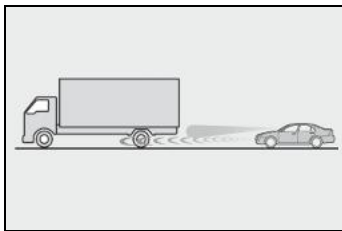
- Vehicles that cut in suddenly
- Vehicles traveling at low speeds
- Vehicles that are not moving in the same lane
- Vehicles with small rear ends (trailers with no load on board, etc.)



- Motorcycles traveling in the same lane
- When water or snow thrown up by the surrounding vehicles hinders the detecting of the sensor
- When your vehicle is pointing upwards (caused by a heavy load in the luggage compartment, etc.)



- Preceding vehicle has an extremely high ground clearance

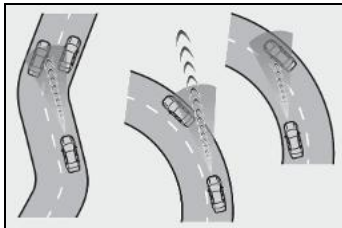


■ **Conditions under which the vehicle-to-vehicle distance control mode may not function correctly**

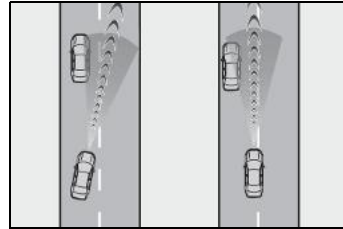
In the case of the following conditions, operate the brake pedal (or accelerator pedal, depending on the situation) as necessary.

As the sensor may not be able to correctly detect vehicles ahead, the system may not operate properly.

- When the road curves or when the lanes are narrow



- When steering wheel operation or your position in the lane is unstable



- When the vehicle ahead of you decelerates suddenly
- When driving on a road surrounded by a structure, such as in a tunnel or on a bridge
- While the vehicle speed is decreasing to the set speed after the vehicle accelerates by depressing the accelerator pedal
- **Situations in which the curve speed reduction function may not operate properly**

In situations such as the following, the curve speed reduction function may not operate properly:

- When the vehicle is being driven around a curve on an incline/decline
- When the course of the vehicle differs from the shape of the curve
- When the vehicle speed is excessively high when entering a curve
- When the steering wheel is suddenly operated

BSM (Blind Spot Monitor)*

*: If equipped

The Blind Spot Monitor is a system that uses rear side radar sensors installed on the inner side of the rear bumper on the left and right side to assist the driver in confirming safety when changing lanes.

! WARNING

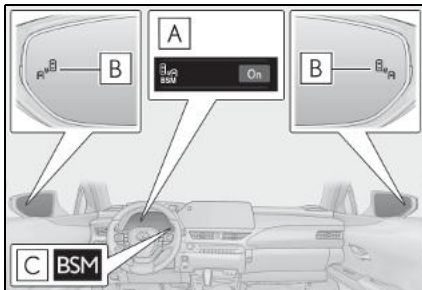
■ Cautions regarding the use of the system

The driver is solely responsible for safe driving. Always drive safely, taking care to observe your surroundings.

The Blind Spot Monitor is a supplementary function which alerts the driver that a vehicle is in a blind spot of the outside rear view mirrors or is approaching rapidly from behind into a blind spot. Do not overly rely on the Blind Spot Monitor. As the function cannot judge if it is safe to change lanes, over reliance could lead to an accident resulting in death or serious injury.

As the system may not function correctly under certain conditions, the driver's own visual confirmation of safety is necessary.

System components



A Multi-information display

The Blind Spot Monitor can be turned on/off.

B Outside rear view mirror indicators

When a vehicle is detected in a blind spot of the outside rear view mirrors or approaching rapidly from behind into a blind spot, the outside rear view mirror indicator on the detected side will illuminate. If the turn signal lever is operated toward the detected side, the outside rear view mirror indicator flashes.

C BSM indicator

Illuminates when the Blind Spot Monitor is enabled

■ Outside rear view mirror indicator visibility

In strong sunlight, the outside rear view mirror indicator may be difficult to see.

■ When Blind Spot Monitor Unavailable is shown on the multi-information display

Ice, snow, mud, etc., may be attached to the rear bumper around the sensors. (→P.301) The system should return to normal operation after removing the ice, snow, mud, etc. from the rear bumper. Additionally, the sensors may not operate normally when driving in extremely hot or cold environments.

■ Customization

Some functions can be customized. (Customizable features: →P.480)

! WARNING

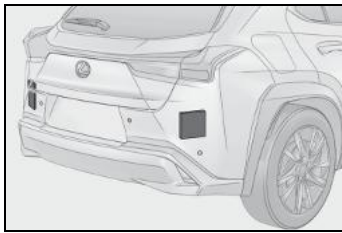
■ To ensure the system can operate properly

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.

⚠ WARNING

- Keep the sensors and the surrounding areas on the rear bumper clean at all times.

If a sensor or its surrounding area on the rear bumper is dirty or covered with snow, the Blind Spot Monitor may not operate and a warning message (→P.300) 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.303) satisfied for approximately 10 minutes. If the warning message does not disappear, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.



- Do not attach stickers to the sensor or surrounding area on the rear bumper.
- Do not subject a sensor or its surrounding area on the rear bumper to a strong impact.

If a sensor is moved even slightly off position, the system may malfunction and vehicles may not be detected correctly. In the following situations, have your vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.



A sensor or its surrounding area is subject to a strong impact.

If the surrounding area of a sensor is scratched or dented, or part of them has become disconnected.

- Do not disassemble the sensor.
- Do not modify the sensor or surrounding area on the rear bumper.
- Do not paint the rear bumper any color other than an official Lexus color.

Turning the Blind Spot Monitor on/off

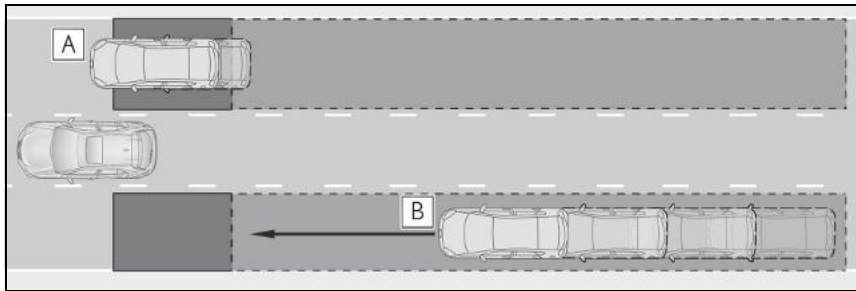
Use the meter control switches to turn on/off the function. (→P.166)

- 1 Press **<** or **>** to select .
- 2 Press **▲** or **▼** to select  and then press **OK**.

Blind Spot Monitor operation

■ Vehicles that can be detected by the Blind Spot Monitor

The Blind Spot Monitor uses rear side radar sensors to detect the following vehicles traveling in adjacent lanes and advises the driver of the presence of such vehicles via the indicators on the outside rear view mirrors.



- A** Vehicles that are traveling in areas that are not visible using the outside rear view mirrors (the blind spots)
- B** Vehicles that are approaching rapidly from behind in areas that are not visible using the outside rear view mirrors (the blind spots)

■ The Blind Spot Monitor detection areas

The areas that vehicles can be detected in are outlined below.



The range of each detection area is:

- A** Approximately 0.5 m (1.6 ft.) to 3.5 m (11.5 ft.) from either side of the vehicle^{*1}
- B** Approximately 1 m (3.3 ft.) forward of the rear bumper
- C** Approximately 3 m (9.8 ft.) from the rear bumper
- D** Approximately 3 m (9.8 ft.) to 60 m (197 ft.) from the rear bumper^{*2}

^{*1}: The area between the side of the vehicle and 0.5 m (1.6 ft.) from the side of the vehicle

cannot be detected.

*2: The greater the difference in speed between your vehicle and the detected vehicle is, the farther away the vehicle will be detected, causing the outside rear view mirror indicator to illuminate or flash.

■ The Blind Spot Monitor is operational when

The Blind Spot Monitor is operational when all of the following conditions are met:

- The Blind Spot Monitor is on.
- The shift position is in a position other than R.
- The vehicle speed is greater than approximately 16 km/h (10 mph).

■ The Blind Spot Monitor will detect a vehicle when

The Blind Spot Monitor will detect a vehicle present in the detection area in the following situations:

- A vehicle in an adjacent lane overtakes your vehicle.
- You overtake a vehicle in adjacent lane slowly.
- Another vehicle enters the detection area when it changes lanes.

■ Conditions under which the system will not detect a vehicle

The Blind Spot Monitor is not designed to detect the following types of vehicles and/or objects:

- Small motorcycles, bicycles, pedestrians, etc.*
- Vehicles traveling in the opposite direction
- Guardrails, walls, signs, parked vehicles and similar stationary objects*
- Following vehicles that are in the same lane*
- Vehicles traveling 2 lanes away from 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

- Instances of the Blind Spot Monitor unnecessarily detecting a vehicle and/or object may increase in the following situations:
 - When the sensor is misaligned due to a strong impact to the sensor or its surrounding area
 - When the distance between your vehicle and a guardrail, wall, etc. that enters the detection area is short
 - When driving up and down consecutive steep inclines, such as hills, dips in the road, etc.
 - When vehicle lanes are narrow, or when driving on the edge of a lane, and a vehicle traveling in a lane other than the adjacent lanes enters the detection area
 - When driving on roads with sharp bends, consecutive curves, or uneven surfaces
 - When the tires are slipping or spinning
 - When the distance between your vehicle and a following vehicle is short
 - When an accessory (such as a bicycle carrier) is installed to the rear of the vehicle

PKSA (Parking Support Alert)*

*: If equipped

The Parking Support Alert system consists of the following functions that operate when driving at a low speed or backing up, such as when parking. When the system determines that the possibility of a collision with a detected object, such as a wall is high, a warning operates to urge the driver to take evasive action.

PKSA (Parking Support Alert) system

- Lexus parking assist-sensor
→P.305
- RCTA (Rear Crossing Traffic Alert) function (if equipped)
→P.313

Setting the buzzer volume

■ Adjusting the buzzer volume

The buzzer volume can be adjusted on the multi-information display. The volume of buzzers for the Lexus parking assist-sensor and RCTA function will be adjusted simultaneously.

Use the meter control switches to change settings. (→P.166)


- 1 Press  or  to select .

2 Press  or  to select PKSA and then press **OK** .

3 Press  or  to select  and then press **OK** .

Each time the switch is pressed, the volume level will change between 1, 2, and 3.

■ Muting a buzzer temporarily

A mute button will be displayed on the multi-information display or Center Display when an object is detected. To mute the buzzer, press **OK** or  . The buzzers for the Lexus parking assist-sensor and RCTA function will be muted simultaneously.

Mute will be canceled automatically in the following situations:

- When the shift position is changed.
- When the vehicle speed exceeds a certain speed.
- When there is a malfunction in a sensor or the system is temporarily unavailable.
- When the operating function is disabled manually.
- When the power switch is turned off.

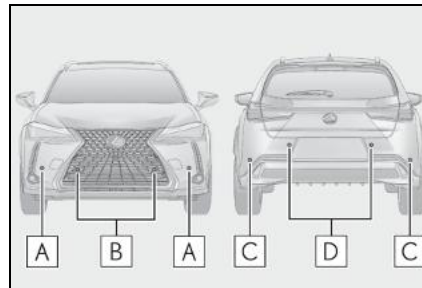
Lexus parking assist-sensor*

*: If equipped

The distance from your vehicle to objects, such as a wall, when parallel parking or maneuvering into a garage is measured by the sensors and communicated via the multi-information display, head-up display (if equipped), Center Display and a buzzer. Always check the surrounding area when using this system.

System components

■ Types of sensors



A Front corner sensors

B Front center sensors

C Rear corner sensors

D Rear center sensors

■ Display

When the sensors detect an object, such as a wall, a graphic is shown on the multi-information display, head-up display (if equipped) and Center Display depending on the position and dis-

tance to the object.

- Multi-information display and head-up display



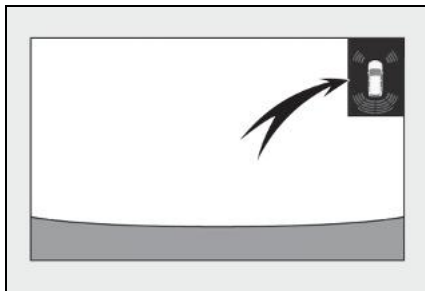
- A** Front corner sensor detection
- B** Front center sensor detection
- C** Rear corner sensor detection
- D** Rear center sensor detection

- Center Display

A simplified image is displayed on the Center Display when an object is detected.

When the shift position is in R

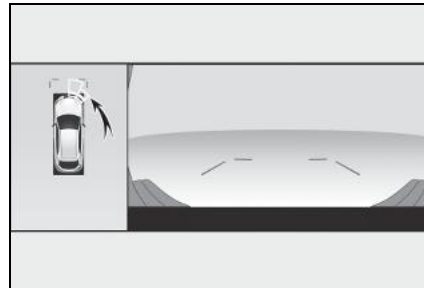
A graphic is shown when the Lexus parking assist monitor (if equipped) is displayed.



When the shift position is in N, B or D





When an object is detected, a graphic will be displayed on the panoramic view monitor (if equipped).



Turning Lexus parking assist-sensor on/off

Use the meter control switches to enable/disable the Lexus parking assist-sensor. (→P.166)

- 1 Press **<** or **>** to select .
- 2 Press **▲** or **▼** to select PKSA and then press **OK**.
- 3 Press **▲** or **▼** to select  and then press **OK**.

When the Lexus parking assist-sensor function is disabled, the Lexus parking assist-sensor OFF indicator (→P.161) illuminates on the multi-information display.

When the Lexus parking assist-sensor function is turned on or off, operation of the Lexus parking assist-sensor function continues in the same condition the next time the EV system is started.



WARNING

■ 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

Observe the following precautions. Failing to do so may result in the vehicle being unable to be driven safely and possibly cause an accident.

- Do not 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.

■ When to disable the function

In the following situations, disable the function as it may operate even though there is no possibility of a collision.

- Failing to observe the warnings above.
- A non-genuine Lexus suspension (lowered suspension, etc.) is installed.

■ Notes when washing the vehicle

Do not apply intensive bursts of water or steam to the sensor area.

Doing so may result in the sensor malfunctioning.

- When using a high pressure washer to wash the vehicle, do not spray the sensors directly, as doing so may cause a sensor to malfunction.
- When using steam to clean the vehicle, do not direct steam too close to the sensors as doing so may cause a sensor to malfunction.

■ The system can be operated when

- The power switch is in ON.
- Lexus parking assist-sensor function is on.
- The vehicle speed is less than about 10 km/h (6 mph).
- The shift position is in a position other than P.

■ Setting the buzzer volume

The buzzer volume can be adjusted on the multi-information display. (→P.304)

■ If Parking Assist Unavailable Clean Parking Assist Sensor is displayed on the multi-information display

A sensor may be covered with ice, snow, dirt, etc. Remove the ice, snow, dirt, etc., from the sensor to return the system to normal.

Also, due to ice forming on a sensor at low

temperatures, a warning message may be displayed or the sensor may not be able to detect an object. Once the ice melts, the system will return to normal.

■ **If Parking Assist Unavailable is displayed on the multi-information display**

- Water may be continuously flowing over the sensor surface, such as in a heavy rain. When the system determines that it is normal, the system will return to normal.
- Initialization may not have been performed after a 12-volt battery terminal was disconnected and reconnected. Initialize the system. (→P.308)

If this message continues to be displayed even after initialization, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **If a 12-volt battery terminal has been disconnected and reconnected**

The system needs to be initialized. To initialize the system, drive the vehicle straight ahead for 5 seconds or more at a speed of approximately 35 km/h (22 mph) or more. Additionally, for vehicles with the Parking Support Brake function, turn the steering wheel fully to the left and right with the vehicle stopped.

■ **Sensor detection information**

- The sensor's detection areas are limited to the areas around the vehicle's front and rear bumpers.
- The following situations may occur during use.
Depending on the shape of the object and other factors, the detection distance may shorten, or detection may be impossible.
There will be a short delay between object detection and display. Even at low speeds, there is a possibility that the object will come within the sensor's detection areas before the display is shown and the warning beep sounds. It might be difficult to hear the buzzer due to the volume of the audio system or air flow noise of the air conditioning system.

It may be difficult to hear the buzzer if buzzers for other systems are sounding.

■ **Objects which the system may not properly detect**

The shape of the object may prevent the sensor from detecting it. Pay particular attention to the following objects:

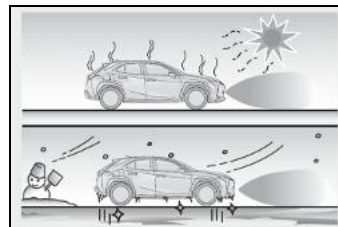
- Wires, fences, ropes, etc.
- Cotton, snow and other materials that absorb sound waves
- Sharply-angled objects
- Low objects
- Tall objects with upper sections projecting outwards in the direction of your vehicle

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 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 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.

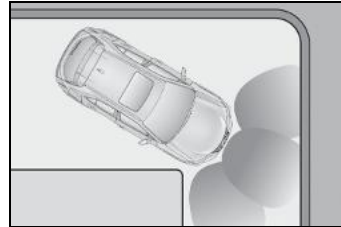


- On an extremely bumpy road, on an incline, on gravel, or on grass.

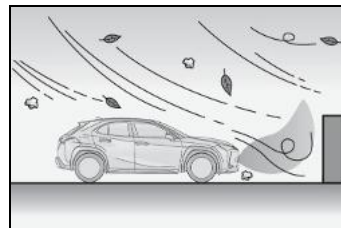
- When vehicle horns, vehicle detectors, motorcycle engines, air brakes of large vehicles, the clearance sonar of other vehicles or other devices which produce ultrasonic waves are near the vehicle.
- A sensor is coated with a sheet of spray or heavy rain.
- If objects draw too close to the sensor.
- 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.
- Strong wind is 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 that may obstruct a sensor is installed, such as a towing eye-let, bumper protector (an additional trim strip, etc.), bicycle carrier, or snow plow.
- 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, a compact spare tire or an emergency tire puncture repair kit are used.
- **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.



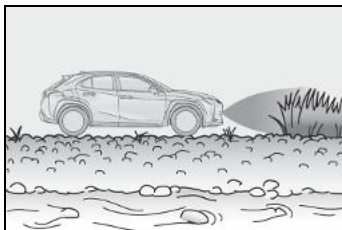
- When driving toward a banner, flag, low-hanging branch or boom barrier (such as those used at railroad crossings, toll gates and parking lots).
- When there is a rut or hole in the surface of the road.
- When driving on a metal cover (grating), such as those used for drainage ditches.
- When driving 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.

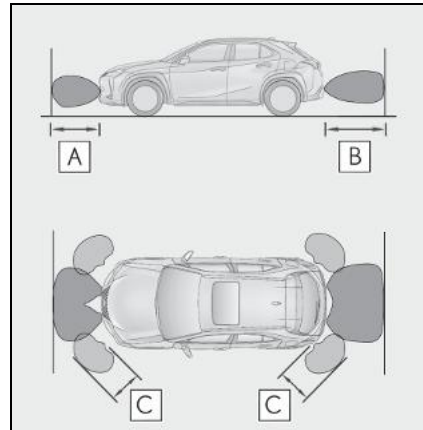
- The vehicle is approaching a tall or curved curb.
- Driving close to columns (H-shaped steel beams, etc.) in multi-story parking garages, construction sites, etc.
- If the vehicle cannot be driven in a stable manner, such as when the vehicle has been in an accident or is malfunctioning.
- On an extremely bumpy road, on an incline, on gravel, or on grass.



- When tire chains, a compact spare tire or an emergency tire puncture repair kit are used.

Sensor detection display, object distance

■ Detection range of the sensors



A Approximately 100 cm (3.3 ft.)

B Approximately 150 cm (4.9 ft.)

C Approximately 60 cm (2.0 ft.)




The diagram shows the detection range of the sensors. Note that the sensors cannot detect objects that are extremely close to the vehicle.

The range of the sensors may change depending on the shape of the object, etc.

■ Multi-information display, head-up display (if equipped) and Center Display




When an object is detected by a sensor, the approximate distance to the object will be displayed on the multi-information display, Center Display, and head-up display. (As the distance to the object becomes short, the distance segments may blink.)

- Approximate distance to object: 150 cm (4.9 ft.) to 60 cm (2.0 ft.)* (Rear center sensor)

Multi-information display	Center Display	Head-up display
		




*: Automatic buzzer mute function is enabled. (→P.312)

- Approximate distance to object: 100 cm (3.3 ft.) to 60 cm (2.0 ft.)* (Front center sensor)

Multi-information display	Center Display	Head-up display
		




*: Automatic buzzer mute function is enabled. (→P.312)

- Approximate distance to object: 60 cm (2.0 ft.) to 45 cm (1.5 ft.)*

Multi-information display	Center Display	Head-up display
		




*: Automatic buzzer mute function is enabled. (→P.312)

- Approximate distance to object: 45 cm (1.5 ft.) to 30 cm (1.0 ft.)*

Multi-information display	Center Display	Head-up display
		

*: Automatic buzzer mute function is enabled. (→P.312)




- Approximate distance to object: 30 cm (1.0 ft.) to 15 cm (0.5 ft.)^{*1}

Multi-information display ^{*2}	Center Display ^{*2}	Head-up display
		

^{*1}: Automatic buzzer mute function is disabled. (→P.312)

^{*2}: The distance segments will blink slowly.

- Approximate distance to object: Less than 15 cm (0.5 ft.)^{*1}

Multi-information display ^{*2}	Center Display ^{*2}	Head-up display
		

^{*1}: Automatic buzzer mute function is disabled. (→P.312)

^{*2}: The distance segments will blink rapidly.

■ **Buzzer operation and distance to an object**

A buzzer sounds when the sensors are operating.

- The buzzer beeps faster as the vehicle approaches an object. When the vehicle comes within the following distance of the object, the buzzer sounds continuously:

Approximately 30 cm (1.0 ft.)

- When 2 or more objects are detected simultaneously, the buzzer sounds for the nearest object. If one or more objects come within approximately 30 cm (1.0 ft.) of the vehicle, the buzzer will repeat a long tone, followed by fast beeps.
- Automatic buzzer mute function:

After a buzzer begins sounding, if the distance between the vehicle and the detected object does not become shorter, the buzzer will be muted automatically. (However, if the distance between the vehicle and object is 30 cm [1.0 ft.] or less, this function will not operate.)

The buzzer sounds volume can be adjusted. (→P.304)

RCTA (Rear Crossing Traffic Alert) function*

*: If equipped

The RCTA function uses the BSM rear side radar sensors installed on the inner side of the rear bumper. This function is intended to assist the driver in checking areas that are not easily visible when backing up.

⚠ WARNING

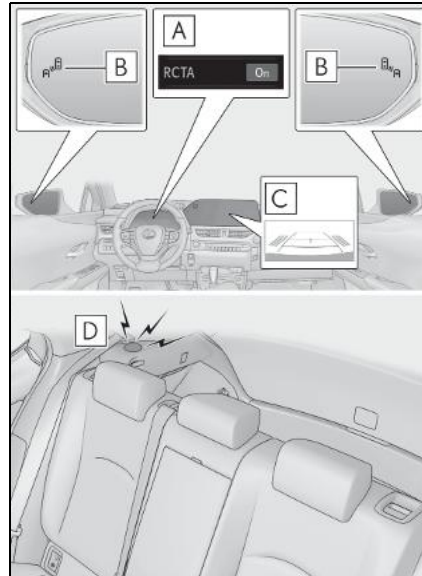
■ Cautions regarding the use of the system

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. (→P.300)

■ To ensure the system can operate properly

→P.301

System components



A Multi-information display

The RCTA function can be turned on/off. When the RCTA function is disabled, the RCTA OFF indicator illuminates.

B Outside rear view mirror indicators

When a vehicle approaching from the right or left at the rear of the vehicle is detected, both outside rear view mirror indicators will flash.

C Center Display

If a vehicle approaching from the right or left at the rear of the vehicle is detected, the RCTA icon (→P.314) for the detected side will be displayed on the Center Display. This illustration shows an example of a vehicle approaching from both sides of the vehicle.


D RCTA buzzer

If a vehicle approaching from the right or left at the rear of the vehicle is detected, a

buzzer will sound. The buzzer also sounds for approximately 1 second immediately after the RCTA function is turned on.

Turning the RCTA function on/off

Use the meter control switches to enable/disable the RCTA function. (→P.166)

- 1 Press **<** or **>** to select .
- 2 Press **▲** or **▼** to select PKSA and then press **OK** .
- 3 Press **▲** or **▼** to select RCTA and then press **OK** .

Each time the power switch is turned to OFF then changed to ON, the RCTA function will be enabled automatically.

■ Outside rear view mirror indicator visibility

In strong sunlight, the outside rear view mirror indicator may be difficult to see.

■ Hearing the RCTA buzzer

The RCTA buzzer may be difficult to hear over loud noises, such as if the audio system volume is high.

■ When RCTA Unavailable is shown on the multi-information display

Ice, water, snow, mud, etc., may be attached to the rear bumper around the sensors. (→P.301) Remove the ice, snow, mud, etc., attached to the rear bumper around the sensors to return the function to normal.

Additionally, the function may not operate normally when used in extremely hot or cold environments.

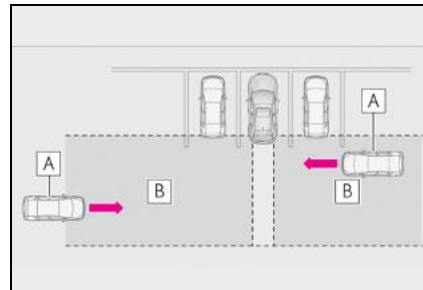
■ Rear side radar sensors

→P.301

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.



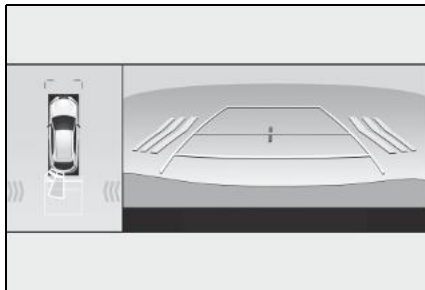
A Approaching vehicles

B Detection areas of approaching vehicles

■ RCTA icon display

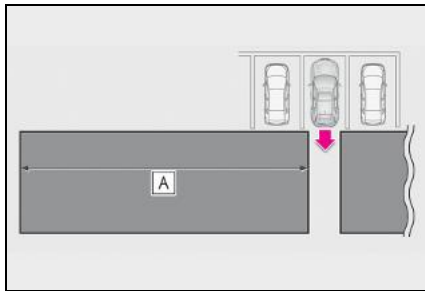
When a vehicle approaching from the right or left at the rear of the vehicle is detected, the following will be displayed on the Center Display.

- 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)	40 m (131 ft.)
8 km/h (5 mph) (slow)	5.5 m (18 ft.)

■ **The RCTA function is operational when**

The RCTA function operates when all of the following conditions are met:

- The power switch is in ON.
- The RCTA function is on.
- The shift position is in R.

- The vehicle speed is less than approximately 15 km/h (9 mph).
- The approaching vehicle speed is between approximately 8 km/h (5 mph) and 56 km/h (34 mph).

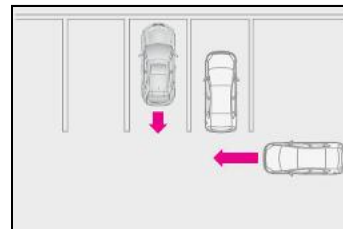
■ **Setting the buzzer volume**

The buzzer volume can be adjusted on the multi-information display. (→P.304)

■ **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.

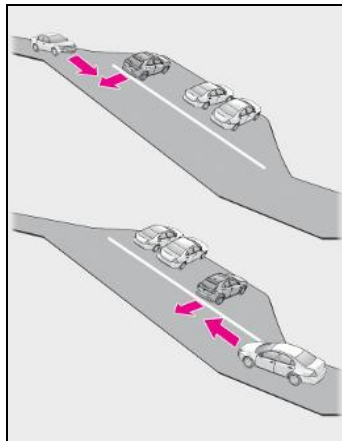
■ **Situations in which the system may not operate properly**

The RCTA function may not detect vehicles correctly in the following situations:

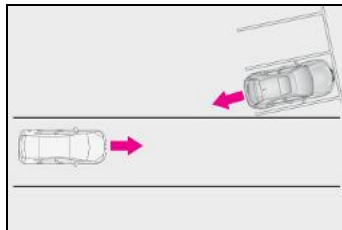
- When the sensor is misaligned due to a

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 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 eye-let, bumper protector (an additional trim strip, etc.), bicycle carrier, or snow plow.
- When backing up on a slope with a sharp change in grade.



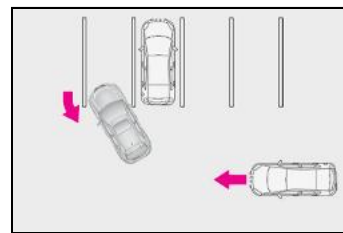
- When backing out of a sharp angle parking spot.



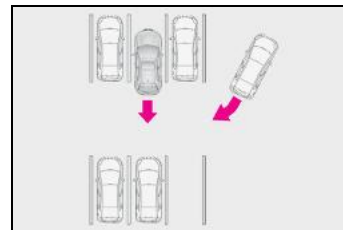
- When towing a trailer.
- When there is a significant difference in

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.



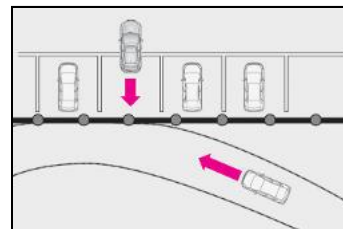
- When a vehicle turns into the detection area.



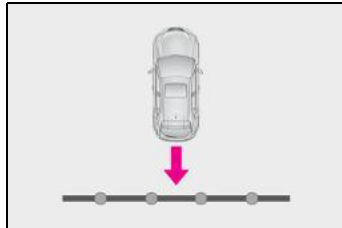
■ Situations in which the system may operate even if there is no possibility of a collision

Instances of the RCTA function unnecessarily detecting a vehicle and/or object may increase in the following situations:

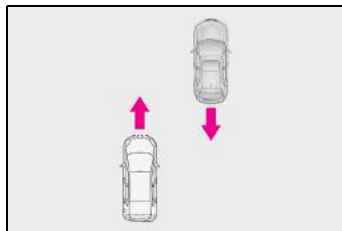
- When the parking space faces a street and vehicles are being driven on the street.



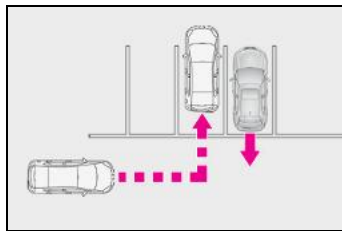
- When the distance between your vehicle and metal objects, such as a guardrail, wall, sign, or parked vehicle, which may reflect electrical waves toward the rear of the vehicle, is short.



- When equipment that may obstruct a sensor is installed, such as a towing eye-let, 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.

PKSB (Parking Support Brake)*

*: If equipped

The Parking Support Brake system consists of the following functions that operate when driving at a low speed or backing up, such as when parking. When the system determines that the possibility of a collision with a detected object is high, a warning operates to urge the driver to take evasive action. If the system determines that the possibility of a collision with a detected object is extremely high, the brakes are automatically applied to help avoid the collision or help reduce the impact of the collision.

PKSB (Parking Support Brake) system

- Parking Support Brake function (static objects)
→P.323
- Parking Support Brake function (rear-crossing vehicles) (if equipped)
→P.325

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.

- 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.

⚠ WARNING

- If the suspension has been modified or tires of a size other than specified are installed.
- If the front of the vehicle is raised or lowered due to the carried load.
- When equipment that may obstruct a sensor is installed, such as a towing eyelet, bumper protector (an additional trim strip, etc.), bicycle carrier, or snow plow.
- When using 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.
- During emergency towing.

⚠ NOTICE







■ If **Parking Support Brake Unavailable** is displayed on the multi-information display and the **PKSB OFF** indicator is flashing

If this message is displayed immediately after the power switch is changed to ON, operate the vehicle carefully, paying attention to your surroundings. It may be necessary to drive the vehicle for a certain amount of time before the system returns to normal. (If the system does not return to normal after driving for a while, clean the sensors and their surrounding area on the bumpers.)

Enabling/Disabling the Parking Support Brake

The Parking Support Brake can be enabled/disabled on the multi-information display. All of the Parking Support Brake functions (static objects and rear crossing vehicles) are enabled/disabled simultaneously.

Use the meter control switches to enable/disable the parking support brake. (→P.166)

- 1 Press  or  to select .
- 2 Press  or  to select  and then press **OK**.

When the Parking Support Brake is disabled, the **PKSB OFF** indicator (→P.161) illuminates on the multi-information display.

When the Parking Support Brake is turned on or off, operation of the Parking Support Brake continues in the same condition the next time the EV system is started.

Displays and buzzers for EV system output restriction control and brake control

If the EV system output restriction control or brake control operates, a buzzer will sound and a message will be displayed on the Center Display (Panoramic view monitor) and multi-information display, to alert the driver. On vehicles with head-up display, the head-up display will display the same message as the multi-information display.

Depending on the situation, EV system output restriction control will operate to either limit acceleration or restrict output as much as possible.

- EV system output restriction control is operating (acceleration restriction)

Acceleration greater than a certain amount is restricted by the system.

Center Display: No warning displayed

Multi-information display: Object Detected Acceleration Reduced

PKSB OFF indicator: Not illuminated

Buzzer: Does not sound

- EV system output restriction control is operating (output restricted as much as possible)

The system has determined that stronger-than-normal brake operation is necessary.

Center Display (Panoramic view monitor): BRAKE!

Multi-information display: BRAKE!

PKSB OFF indicator: Not illuminated

Buzzer: Short beep

- Brake control is operating

The system determined that emergency braking is necessary.

Center Display (Panoramic view monitor): BRAKE!

Multi-information display: BRAKE!

PKSB OFF indicator: Not illuminated

Buzzer: Short beep

- Vehicle stopped by system operation

The vehicle has been stopped by brake control operation.

Center Display (Panoramic view monitor): Switch to Brake (If the accelerator pedal is not depressed, Press Brake Pedal will be displayed.)

Multi-information display: Switch to Brake (If the accelerator pedal is not depressed, Press Brake Pedal will be displayed.)

PKSB OFF indicator: Illuminated

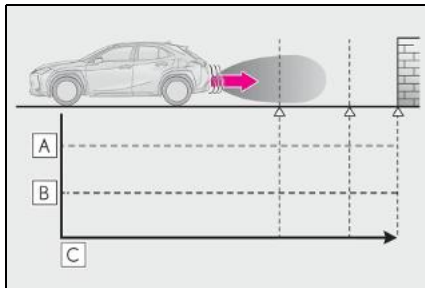
Buzzer: Short beep

System overview

If the Parking Support Brake determines that a collision with a detected object is possible, the EV system output will be restricted to restrain any increase in the vehicle speed. (EV system output restriction control: See figure 2 below.)

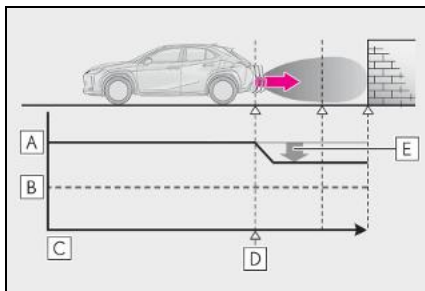
Additionally, if the accelerator pedal continues to be depressed, the brakes will be applied automatically to reduce the vehicle speed. (Brake control: See figure 3 below.)

- Figure 1 When the PKSB (Parking Support Brake) is disabled



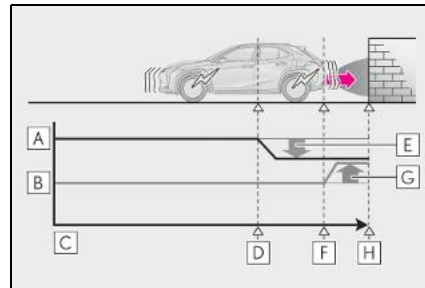
- A** EV system output
- B** Braking force
- C** Time

● Figure 2 When EV system output restriction control operates



- A** EV system output
- B** Braking force
- C** Time
- D** EV system output restriction control begins operating (The system determines that possibility of collision with detected object is high) BRAKE! is displayed on the multi-information display.
- E** EV system output reduced

● Figure 3 When brake control operates



- A** EV system output
- B** Braking force
- C** Time
- D** EV system output restriction control begins operating (The system determines that possibility of collision with detected object is high) BRAKE! is displayed on the multi-information display.
- E** EV system output reduced
- F** Brake control begins operating (the system determines that possibility of collision with detected object is extremely high)
- G** Brake control strength increased
- H** Switch to Brake is displayed on the multi-information display

■ If the Parking Support Brake has operated

If the vehicle is stopped due to operation of the Parking Support Brake, the Parking Support Brake will be disabled and the PKSB OFF indicator will illuminate. If the Parking Support Brake operates unnecessarily, brake control can be canceled by depressing the brake pedal or waiting for approximately 2 seconds for it to automatically be canceled. Then, the vehicle can be operated by depressing the accelerator

pedal.

■ **Re-enabling the Parking Support Brake**

To re-enable the Parking Support Brake when it is disabled due to operation of the Parking Support Brake, either enable the system again (→P.319), or turn the power switch off and then back to ON. Additionally, if the object becomes no longer in the traveling direction of the vehicle or if the traveling direction of the vehicle changes (such as changing from moving forward to backing up, or from backing up to moving forward), the system will be re-enabled automatically.

■ **If Parking Support Brake Unavailable is displayed on the multi-information display and the PKSB OFF indicator is flashing**

If this message is displayed, a sensor on the front or rear bumper may be dirty. Clean the sensors and their surrounding area on the bumpers.

■ **If Parking Support Brake Unavailable and Parking Assist Unavailable Clean Parking Assist Sensor are displayed on the multi-information display and the PKSB OFF indicator is flashing**

- A sensor may be covered with ice, snow, dirt, etc. In this case, remove the ice, snow, dirt, etc., from the sensor to return the system to normal. If this message is shown even after removing dirt from the sensor, or shown when the sensor was not dirty to begin with, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- A sensor may be frozen. Once the ice melts, the system will return to normal.
- Water may be continuously flowing over the sensor surface, such as in a heavy rain. When the system determines that it is normal, the system will return to normal.

■ **If a 12-volt battery terminal has been disconnected and reconnected**

The system needs to be initialized. To initialize the system, drive the vehicle straight

ahead for 5 seconds or more at a speed of approximately 35 km/h (22 mph) or more.

Parking Support Brake function (static objects)*

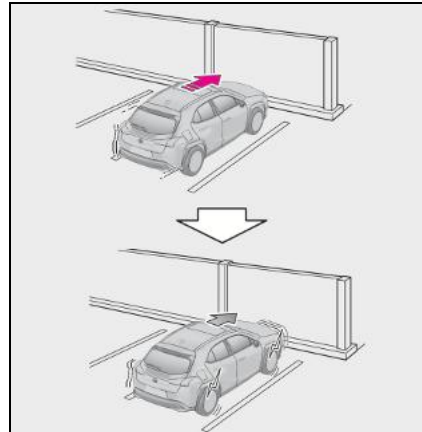
*: If equipped

If the sensors detect a static object, such as a wall, in the traveling direction of the vehicle and the system determines that a collision may occur due to the vehicle suddenly moving forward due to an accidental accelerator pedal operation, the vehicle moving the unintended direction due to the wrong shift position being selected, or while parking or traveling at low speeds, the system will operate to lessen the impact with the detected static object and reduce the resulting damage.

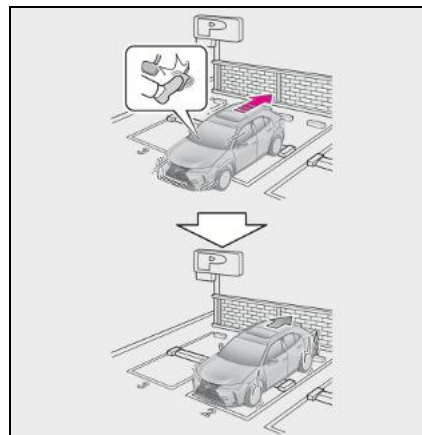
Examples of function operation

This function will operate in situations such as the following if an object is detected in the traveling direction of the vehicle.

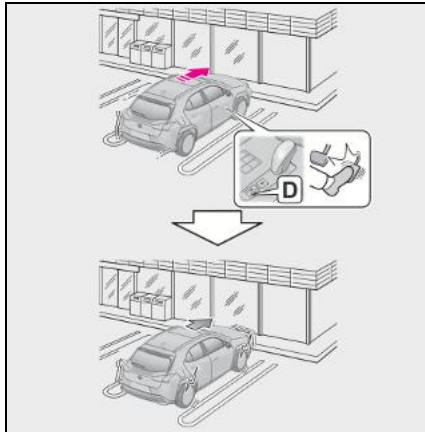
- When traveling at a low speed and the brake pedal is not depressed, or is depressed late



- When the accelerator pedal is depressed excessively



- When the vehicle moves in the unintended direction due to the wrong shift position being selected



Types of sensors

→P.305

⚠ WARNING

- To ensure the system can operate properly
→P.307
- If the Parking Support Brake function (static objects) operates unnecessarily, such as at a railroad crossing
→P.321
- Notes when washing the vehicle
→P.307

■ The Parking Support Brake function (static objects) will operate when

The function will operate when the PKSB OFF indicator is not illuminated or flashing (→P.160, 161) and all of the following conditions are met:

- EV 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
EV system output restriction control is operating.
The Parking Support Brake determines that an immediate brake operation is necessary to avoid a collision.

■ The Parking Support Brake function (static objects) will stop operating when

The function will stop operating if any of the following conditions are met:

- EV system output restriction control
The Parking Support Brake is disabled.
The system determines that the collision has become avoidable with normal brake operation.
The static object is no longer 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)

The detection range of the Parking Support Brake function (static objects) differs from the detection range of the Lexus parking assist-sensor. (→P.310) Therefore, even if the Lexus parking assist-sensor detects an object and provides a warning, the Parking Support Brake function (static objects) may not start operating.

- Situations in which the system may not operate properly
→P.308
- Situations in which the system may operate even if there is no possibility of a collision
→P.309

Parking Support Brake function (rear-crossing vehicles)*

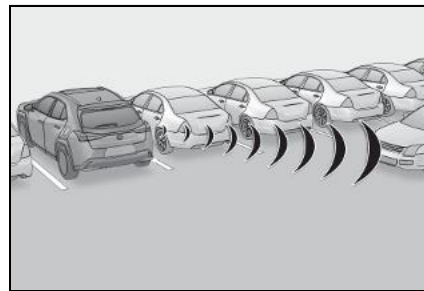
*: If equipped

If a rear radar sensor detects a vehicle approaching from the right or left at the rear of the vehicle and the system determines that the possibility of a collision is high, this function will perform brake control to reduce the likelihood of an impact with the approaching vehicle.

Examples of function operation

This function will operate in situations such as the following if a vehicle is detected in the traveling direction of the vehicle.

- When reversing, a vehicle is approaching and the brake pedal is not depressed, or is depressed late



Types of sensors

→P.301

**WARNING**

■ To ensure the system can operate properly

→P.301

■ **The Parking Support Brake function (rear-crossing vehicles) will operate when**

The function will operate when the PKSB OFF indicator is not illuminated or flashing (→P.160, 161) and all of the following conditions are met:

- EV 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
EV system output restriction control is operating.
The Parking Support Brake determines that an emergency brake operation is necessary to avoid a collision with an approaching vehicle.

■ **The Parking Support Brake function (rear-crossing vehicles) will stop operating when**

The function will stop operating if any of the following conditions are met:

- EV system output restriction control
The Parking Support Brake is disabled.
The collision becomes avoidable with normal brake operation.
A vehicle is no longer approaching from the right or left at the rear of the vehicle.
- Brake control
The Parking Support Brake is disabled.
Approximately 2 seconds have elapsed since the vehicle was stopped by brake

control.

The brake pedal is depressed after the vehicle is stopped by brake control.
A vehicle is no longer approaching from the right or left at the rear of the vehicle.

■ **Detection area of the Parking Support Brake function (rear-crossing vehicles)**

The detection area of the Parking Support Brake function (rear-crossing vehicles) differs from the detection area of the RCTA function (→P.315). Therefore, even if the RCTA function detects a vehicle and provides an alert, the Parking Support Brake function (rear-crossing vehicles) may not start operating.

■ **Situations in which the system may not operate properly**

→P.315

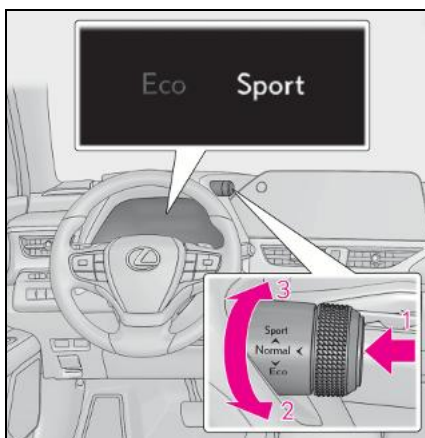
■ **Situations in which the system may operate even if there is no possibility of a collision**

→P.316

Driving mode select switch

The driving modes can be selected to suit driving conditions.

Selecting the driving mode



1 Normal mode

Provides an optimal balance of electricity consumption, quietness, and dynamic performance. Suitable for city driving.

Press the switch to change the driving mode to Normal mode when not in Normal mode.

2 Eco drive mode

Helps the driver accelerate in an eco-friendly manner and improve electricity consumption through moderate throttle characteristics and by controlling the operation of the air conditioning system (heating/cooling).

When not in Eco drive mode, if the driving mode select switch is turned toward you, the Eco indicator comes on.

3 Sport mode

Assists acceleration response by controlling the EV system and steering. Suit-

able for when precise handling is desirable, for example when driving on mountain roads.

When not in Sport mode, if the driving mode select switch is turned backward, the Sport indicator comes on.

■ Operation of the air conditioning system in Eco drive mode

Eco drive mode controls the heating/cooling operations and fan speed of the air conditioning system to enhance electricity consumption efficiency. To improve air conditioning performance, perform the following operations:

- Adjust the fan speed (→P.341, 344)
- Turn off Eco drive mode

■ Automatic deactivation of Sport mode

If the power switch is turned off after driving in Sport mode, the driving mode will be changed to Normal mode.

Driving assist systems

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

Summary of the driving assist systems

■ ECB (Electronically Controlled Brake System)

The electronically controlled system generates braking force corresponding to the brake operation

■ ABS (Anti-lock Brake System)

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

■ Brake assist

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

■ VSC (Vehicle Stability Control)

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

■ VSC + (Vehicle Stability Control +)

Provides cooperative control of the ABS, TRC, VSC and EPS.

Helps to maintain directional stability when swerving on slippery road surfaces by controlling steering performance.

■ TRC (Traction Control)

Helps to maintain drive power and prevent the drive wheels from spinning when starting the vehicle or accelerating on slippery roads

■ Active Cornering Assist (ACA)

Helps to prevent the vehicle from drifting to the outer side by performing inner wheel brake control when attempting to accelerate while turning

■ Hill-start assist control

Helps to reduce the backward movement of the vehicle when starting on an uphill

■ EPS (Electric Power Steering)

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

■ Emergency brake signal

When the brakes are applied suddenly, the stop lights automatically flash to alert the vehicle behind.

■ Secondary Collision Brake

When the SRS airbag sensor detects a collision and the system operates, the brakes and brake lights are automatically controlled to reduce the vehicle speed and help reduce the possibility of further damage due to a secondary collision.


■ When the TRC/VSC/ABS systems are operating


The slip indicator light will flash while the TRC/VSC/ABS systems are operating.




■ Disabling the TRC system

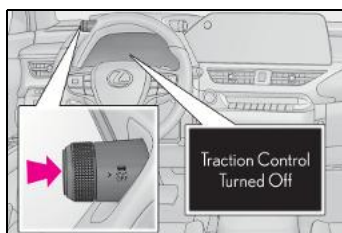
If the vehicle gets stuck in mud, dirt or snow, the TRC system may reduce power from the EV system to the wheels. Pressing the

>  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 >  switch.

The Traction Control Turned Off will be shown on the multi-information display.

Press the >  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 >  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 >  switch again to turn the systems back on.

*: Pre-collision brake assist and pre-collision braking will also be disabled. The PCS warning light will come on and a message will be displayed on the multi-information display. (→P.274)

■ When the message is displayed on the multi-information display showing that TRC has been disabled even if the > switch has not been pressed

TRC is temporary deactivated. If the information continues to show, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ Operating conditions of hill-start assist control

When all of the following conditions are met, the hill-start assist control will operate:

- The shift position is in a position other than P or N (when starting off forward/backward on an upward incline)
- The vehicle is stopped
- The accelerator pedal is not depressed
- The parking brake is not engaged
- Power switch is in ON

■ Automatic system cancelation of hill-start assist control

The hill-start assist control will turn off in any of the following situations:

- The shift position is shifted to P or N
- The accelerator pedal is depressed
- The parking brake is engaged
- 2 seconds at maximum elapsed after the brake pedal is released
- Power switch is turned to OFF

■ Sounds and vibrations caused by the ABS, brake assist, VSC, TRC and hill-start assist control systems

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

■ ECB operating sound

ECB operating sound may be heard in the following cases, but it does not indicate that a malfunction has occurred.

- Operating sound heard from the motor compartment when the brake pedal is operated.
- Motor sound of the brake system heard from the front part of the vehicle when the driver's door is opened.
- Operating sound heard from the motor compartment when one or two minutes passed after the stop of the EV system.

■ Active Cornering Assist operation sounds and vibrations

When Active Cornering Assist is operated, operation sounds and vibrations may be generated from the brake system, but this is not a malfunction.

■ EPS operation sound

When the steering wheel is operated, a motor sound (whirring sound) may be heard. This does not indicate a malfunction.

■ Automatic reactivation of TRC and VSC systems

After turning the TRC and VSC systems off, the systems will be automatically re-enabled in the following situations:

- When the power switch is turned off
- If only the TRC system is turned off, the TRC will turn on when vehicle speed increases. If both the TRC and VSC systems are turned off, automatic re-enabling will not occur when vehicle speed increases.

■ Operating conditions of Active Cornering Assist

The system operates when the following occurs.

- TRC/VSC can operate
- The driver is attempting to accelerate while turning
- The system detects that the vehicle is drifting to the outer side
- The brake pedal is released

■ Reduced effectiveness of the EPS system

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

■ Operating conditions of emergency brake signal

When the following conditions are met, the emergency brake signal will operate:

- The emergency flashers are off.
- Actual vehicle speed is over 55 km/h (35 mph).
- The system judges from the vehicle deceleration that it is a sudden braking operation.

■ Automatic system cancelation of emergency brake signal

The emergency brake signal will be canceled in any of the following situations:

- The emergency flashers are turned on.
- The system judges from the vehicle deceleration that it is not a sudden braking

operation

■ Secondary Collision Brake operating conditions

The system operates when the SRS airbag sensor detects a collision while the vehicle is in motion. However, the system does not operate in any of the following situations.

- The vehicle speed is below 10 km/h (6 mph)
- Components are damaged

■ Secondary Collision Brake automatic cancellation

The system is automatically canceled in any of the following situations.

- The vehicle speed drops below approximately 10 km/h (6 mph)
- A certain amount of time elapses during operation
- The accelerator pedal is depressed a large amount

WARNING

■ The ABS does not operate effectively when

- The limits of tire gripping performance have been exceeded (such as excessively worn tires on a snow covered road).
- The vehicle hydroplanes while driving at high speed on wet or slick roads.

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

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

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

- When driving over roads with potholes or uneven surfaces

■ 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.

**WARNING****■ When the TRC/VSC systems are turned off**

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

■ Replacing tires

Make sure that all tires are of the specified size, brand, tread pattern and total load capacity. In addition, make sure that the tires are inflated to the recommended tire inflation pressure level. The ABS, TRC and VSC systems will not function correctly if different tires are installed on the vehicle.

Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for further information when replacing tires or wheels.

■ Handling of tires and the suspension

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

■ Secondary Collision Brake

Do not rely solely upon the Secondary Collision Brake. This system is designed to help reduce the possibility of further damage due to a secondary collision, however, that effect changes according to various conditions. Overly relying on the system may result in death or serious injury.

Winter driving tips

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

Preparation for winter

- Use fluids that are appropriate to the prevailing outside temperatures.
 - Power control unit coolant
 - Heater coolant
 - Washer fluid
- Have a service technician inspect the condition of the 12-volt battery.
- Have the vehicle fitted with four snow tires or purchase a set of tire chains for the front tires.

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

⚠ WARNING**■ Driving with snow tires**

Observe the following precautions to reduce the risk of accidents. Failure to do so may result in a loss of vehicle control and cause death or serious injury.

- Use tires of the specified size.
- Maintain the recommended level of air pressure.
- Do not drive at speeds in excess of the speed limit or the speed limit specified for the snow tires being used.

- Use snow tires on all, not just some wheels.

■ Driving with tire chains

Observe the following precautions to reduce the risk of accidents. Failure to do so may result in the vehicle being unable to be driven safely, and may cause death or serious injury.

- Do not drive in excess of the speed limit specified for the tire chains being used, or 50 km/h (30 mph), whichever is lower.
- Avoid driving on bumpy road surfaces or over potholes.
- Avoid sudden acceleration, abrupt steering, sudden braking and shifting operations that cause sudden regenerative braking.
- Slow down sufficiently before entering a curve to ensure that vehicle control is maintained.
- Do not use LTA (Lane Tracing Assist).

**NOTICE****■ Repairing or replacing snow tires**

Request repairs or replacement of snow tires from any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer or legitimate tire retailers. This is because the removal and attachment of snow tires affects the operation of the tire pressure warning valves and transmitters.

Before driving the vehicle

Perform the following according to the driving conditions:

- Do not try to forcibly open a window or move a wiper that is frozen. Pour warm water over the frozen area to melt the ice. Wipe away the water

immediately to prevent it from freezing.

- To ensure proper operation of the climate control system fan, remove any snow that has accumulated on the air inlet vents in front of the windshield.
- Check for and remove any excess ice or snow that may have accumulated on the exterior lights, 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.236)

- If the vehicle is left parked with the brakes damp in cold temperatures, there is a possibility of the brakes freezing.

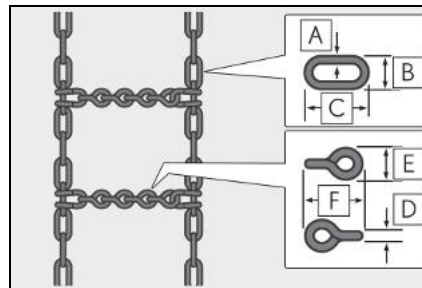
⚠ WARNING

■ 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.255)

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 roll-over. 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 roll-over.

⚠ WARNING**■ Utility vehicle precautions**

Always observe the following precautions to minimize the risk of death or serious injury or damage to your vehicle:

- In a rollover crash, an unbelted person is significantly more likely to die than a person wearing a seat belt. Therefore, the driver and all passengers should always fasten their seat belts.
- Avoid sharp turns or abrupt maneuvers, if at all possible. Failure to operate this vehicle correctly may result in loss of control or vehicle rollover causing death or serious injury.
- Loading cargo on the roof luggage carrier (if equipped) will make the center of the vehicle gravity higher. Avoid high speeds, sudden starts, sharp turns, sudden braking or abrupt maneuvers, otherwise it may result in loss of control or vehicle rollover due to failure to operate this vehicle correctly.
- Always slow down in gusty crosswinds. Because of its profile and higher center of gravity, your vehicle is more sensitive to side winds than an ordinary passenger car. Slowing down will allow you to have better control.
- Do not drive horizontally across steep slopes. Driving straight up or straight down is preferred. Your vehicle (or any similar off-road vehicle) can tip over sideways much more easily than forward or backward.

Off-road driving

Your vehicle is not designed to be driven off-road. However, in the event that off-road driving cannot be avoided, please observe the following precautions to help avoid the areas

prohibited to vehicles.

- Drive your vehicle only in areas where off-road vehicles are permitted to travel.
- Respect private property. Get owner's permission before entering private property.
- Do not enter areas that are closed. Honor gates, barriers and signs that restrict travel.
- Stay on established roads. When conditions are wet, driving techniques should be changed or travel delayed to prevent damage to roads.

⚠ WARNING**■ Off-road driving precautions**

Always observe the following precautions to minimize the risk of death or serious injury or damage to your vehicle:

- Drive carefully when off the road. Do not take unnecessary risks by driving in dangerous places.
- Do not grip the steering wheel spokes when driving off-road. A bad bump could jerk the wheel and injure your hands. Keep both hands and especially your thumbs on the outside of the rim.
- Always check your brakes for effectiveness immediately after driving in sand, mud, water or snow.
- After driving through tall grass, mud, rock, sand, water, etc., check that there is no grass, bush, paper, rags, stone, sand, etc. adhering or trapped to the underbody. Clear off any such matter from the underbody. If the vehicle is used with these materials trapped or adhering to the underbody, a breakdown or fire could occur.

**WARNING**

- When driving off-road or in rugged terrain, do not drive at excessive speeds, jump, make sharp turns, strike objects, etc. This may cause loss of control or vehicle rollover causing death or serious injury. You are also risking expensive damage to your vehicle's suspension and chassis.

**NOTICE****■ To prevent water damage**

Take all necessary safety measures to ensure that water damage to the traction battery, EV system or other components does not occur.

- Water entering the motor compartment may cause severe damage to the EV system.
- Water entering the transmission will cause deterioration in transmission quality. The vehicle may not be drivable.
- Water can wash the grease from wheel bearings, causing rusting and premature failure, and may also enter the transmission case, reducing the gear oil's lubricating qualities.

■ When you drive through water

If driving through water, such as when crossing shallow streams, first check the depth of the water and the bottom of the riverbed for firmness. Drive slowly and avoid deep water.

■ Inspection after off-road driving


- Sand and mud that has accumulated around brake discs may affect braking efficiency and may damage brake system components.
- Always perform a maintenance inspection after each day of off-road driving that has taken you through rough terrain, sand, mud, or water.

- 6-1. **Lexus Climate Concierge**
 - Lexus Climate Concierge..... **340**
- 6-2. **Using the air conditioning system and defogger**
 - Automatic air conditioning system..... **341**
 - Remote Air Conditioning System **349**
 - Heated steering wheel/seat heaters/seat ventilators..... **351**
- 6-3. **Using the interior lights**
 - Interior lights list..... **354**
- 6-4. **Using the storage features**
 - List of storage features **357**
 - Luggage compartment features **360**
- 6-5. **Using the other interior features**
 - Other interior features **364**

Lexus Climate Concierge

The front seat heaters (if equipped), seat ventilators (if equipped) and heated steering wheel (if equipped) are each automatically controlled according to the set temperature of the air conditioning system, the outside and cabin temperature, etc. Lexus Climate Concierge allows a comfortable condition to be maintained without adjusting each system.

Turning on Lexus Climate Concierge

- 1 Select  in the main menu on the Center Display.
 - 2 Select Climate .
- If the option screen is displayed, select Front .
- 3 Select Climate concierge .

The indicator on the air conditioning control screen illuminates, and the automatic air conditioning system, front seat heaters and ventilators (if equipped), and heated steering wheel (if equipped) operate in automatic mode.

If any of the system is operated manually, the indicator turns off. However, all other functions continue to operate in automatic mode.

Operation of each system

■ Automatic air conditioning system (→P.341)

The temperature can be adjusted independently for the driver seat and passenger seat.

■ Front seat heaters and ventilators (if equipped) (→P.351)

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.351)

Heated steering wheel operates automatically according to the set temperature of the air conditioning system, the outside temperature, etc.

■ Front seat heater/ventilator operation

When automatic mode is selected using the front seat heater/ventilator switch, passenger detection is not performed.

Automatic air conditioning system

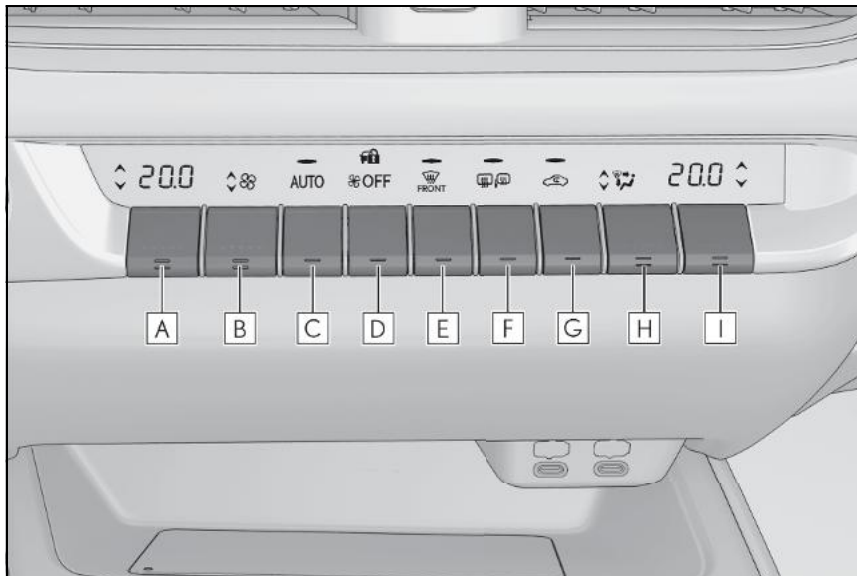
Air outlets and fan speed are automatically adjusted according to the temperature setting.

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 defoggers 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**

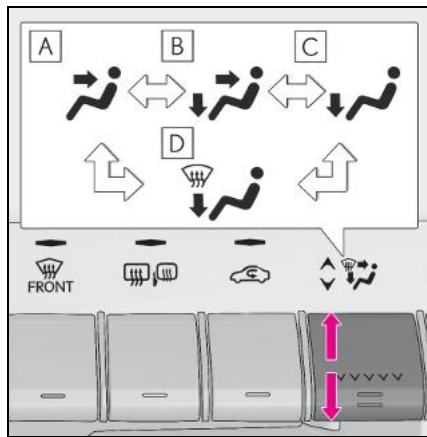
Operate the fan speed control switch upwards to increase the fan speed and downwards to decrease the fan speed.

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 defoggers 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.

■ Operation of the air conditioning system in Eco drive mode

- In Eco drive mode, the air conditioning system is controlled as follows to prioritize electricity consumption efficiency
Motor speed and compressor operation controlled to restrict heating/cooling capacity
Fan speed restricted when automatic mode is selected
- To improve air conditioning performance, perform the following operations
Adjust the fan speed

Turn off Eco drive mode

■ When the outside temperature is low

The dehumidification function may not operate even when A/C is selected.

■ Ventilation and air conditioning odors

- To let fresh air in, set the air conditioning system to the outside air mode.

- During use, various odors from inside and outside the vehicle may enter into and accumulate in the air conditioning system. This may then cause odor to be emitted from the vents.

- To reduce potential odors from occurring:

It is recommended that the air conditioning system be set to outside air mode prior to turning the vehicle off.

The start timing of the blower may be delayed for a short period of time immediately after the air conditioning system is started in automatic mode or pollen removal mode.

■ 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.408

■ Customization

Settings (e.g. A/C automatic mode switch operation) can be changed.
(Customizable features: →P.481)

WARNING

■ To prevent the windshield from fogging up

Do not use the windshield defogger switch during cool air operation in extremely humid weather. The difference between the temperature of the outside air and that of the windshield can cause the outer surface of the windshield to fog up, blocking your vision.

⚠ WARNING

■ **When the outside rear view mirror defoggers are operating**


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

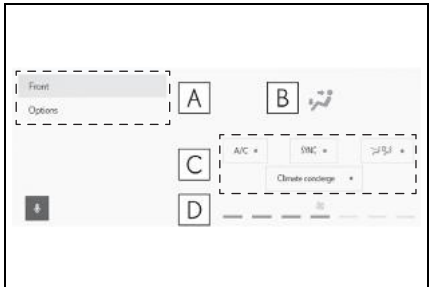
⚠ NOTICE

■ **To prevent 12-volt battery discharge**

Do not leave the air conditioning system on longer than necessary when the EV system is off.

Air conditioning control screen

- **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.348)
- Climate concierge : Set Lexus Climate Concierge (→P.340)

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** Changing the fan speed setting during the automatic mode operation (Blower customization)
- B** Prevent ice from building up on the windshield and wiper blades (Windshield wiper de-icer) (if equipped)
- C** nanoe™X* on/off
- D** Removing pollen from the air (Pollen removal mode)

*: 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.

■ Pollen removal mode

Outside air mode switches to recirculated air mode.

Pollen is removed from the air and the air flows to the upper part of the body.

Usually the system will automatically turn off after a period of time.

In order to prevent the windshield from fogging up when the outside air is cold, the dehumidification function may operate or the outside/recirculated air mode may not

switch to recirculated air mode.

Pollen is filtered even if pollen removal mode is turned off.

■ nanoe™ 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 effect on the human body.
- A slight noise may be heard during operation. This is not a malfunction.

*¹: 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, the nanoe™ system may not operate at full capacity.

■ Blower customization

Fan speed setting during the automatic mode operation can be customized.

To change the fan speed setting mode, select 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.

■ **Windshield fog detection function**

When automatic mode is set, the humidity sensor detects fog on the windshield and controls the air conditioning system to prevent fog.

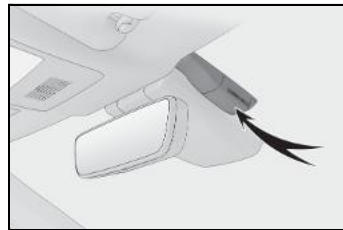
⚠ NOTICE

■ **Humidity sensor**

In order to detect fog on the windshield, a sensor which monitors the temperature of the windshield, the surround humidity, etc., is installed.

Follow these points to avoid damaging the sensor:

- Do not disassemble the sensor
- Do not spray the glass cleaner on the sensor or subject it to strong impacts
- Do not stick anything on the sensor



Adjusting the temperature for driver and front passenger seats simultaneously (SYNC mode)

To turn on the SYNC mode, select SYNC on the air conditioning con-

trol screen.

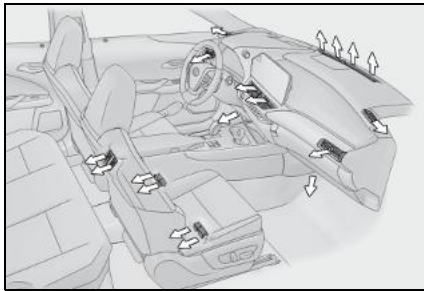
The driver's side temperature control switches can be used to adjust the temperature for the driver's and passenger's side. To enter individual mode, operate the passenger's side temperature control switches or select SYNC again.

When the SYNC mode is on, the indicator illuminates on display.

Air outlet layout and operations

■ Location of air outlets

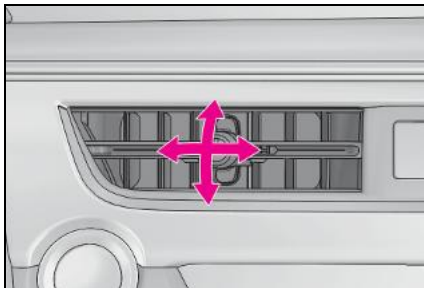
The air outlets and air volume changes according to the selected air flow mode.



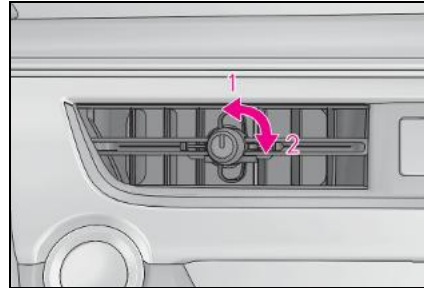
■ Adjusting the position of and opening and closing the air outlets

► Front

Direct air flow to the left or right, up or down

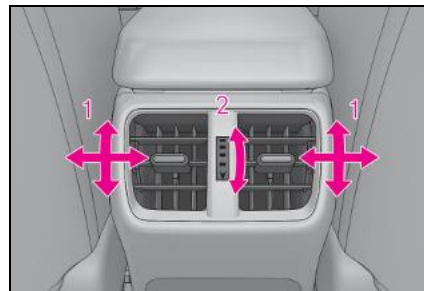


Turn the knob to open or close the vent



- 1 Open the outlet
- 2 Close the outlet

► Rear

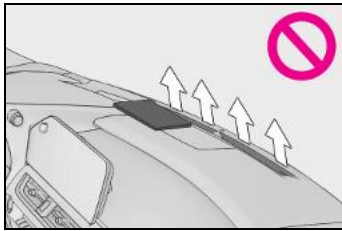


- 1 Direct air flow to the left or right, up or down
- 2 Turn the knob to open or close the vent

⚠ 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 the front passenger seat is not occupied, airflow may switch to only the driver's seat. Unnecessary air conditioning is suppressed, contributing to increased electricity consumption efficiency.


Front seat concentrated airflow mode operates in the following situations.

- No passengers are detected in the rear seats
- The windshield defogger is not operating
- Pollen removal mode is not operating

While operating, 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 EV system is started and at other times depending on the outside temperature.
- After the EV system is started, if passengers move around inside or enter/exit the vehicle, the system cannot accurately detect the presence of passengers and automatic airflow control will not operate.

■ **Operation of manual airflow control**

Even if the function is manually switched to directing airflow to only the front seats, when a rear seat is occupied, it may automatically direct airflow to all seats.

■ **To return to automatic airflow control**

- 1 With the indicator off, turn the power switch off.
- 2 After 60 minutes or more elapse, turn the power switch to ON.

Remote Air Conditioning System

The Remote Air Conditioning System uses electrical energy stored in the traction battery and allows the air conditioning to be operated by remote control.

If the Remote Air Conditioning System is used while the charging cable is connected to the vehicle, the reduction of charge in the traction battery will be suppressed to allow you to use electricity from an external power source.

Charging will be conducted automatically after the Remote Air Conditioning System is stopped.

Before leaving the vehicle

Check the temperature setting of the air conditioning system. (→P.342)

The Remote Air Conditioning System will operate in accordance with the temperature settings of the air conditioning system.

Activating the Remote Air Conditioning System

Press and hold **A/C** on the wireless remote control to operate the Remote Air Conditioning System.

The system will shut off if a door is opened.

The system can be stopped by pressing **A/C** twice.



■ Operating conditions

The system will only operate if all of the following conditions are met:

- The power switch is OFF.
- All doors are closed.
- The hood is closed.

■ Remote Air Conditioning System automatic shut-off

The system will automatically shut off under the following conditions:

- About 20 minutes have passed since operation began
- Any one of the operating conditions is not met

The system may also shut off if the charge level of the traction battery drops to low.

■ Conditions affecting operation

The system may not start in the following situations:

- The charge level of the traction battery is low
- When the EV system is cool (for example, after being left for a long time in low temperatures)

■ Windshield defogger

When defogging the windshield using the Remote Air Conditioning System, defogging may be insufficient due to the power being restricted more than during normal air conditioning operation. Also, the outside of the windshield may fog up due to the outside temperature, humidity or air conditioning set temperature.

■ **Security feature**

Any unlocked doors will be automatically locked when the system is operating. The emergency flashers flash to indicate that the doors have been locked.

■ **Conditions affecting operation**

→P.199

■ **While the Remote Air Conditioning System is operating**

- Depending on the operating condition of the Remote Air Conditioning System, the electric fan may spin and an operating noise may be heard. However, this does not indicate a malfunction.
- The Remote Air Conditioning System may stop operating temporarily if other features that use electricity (for example, the seat heater, lights, windshield wipers) are in operation or if the charge level of the 12-volt battery becomes low.
- The headlights, windshield wiper, meter, etc. will not operate.
- The intrusion sensor (if equipped) will automatically be canceled.

■ **Electronic key battery depletion**

→P.176

■ **When the electronic key battery is fully depleted**

→P.410

■ **Customization**

Setting (e.g. Operation using A/C on the wireless remote control) can be changed. (Customizable features: →P.482)

 **WARNING**

■ **Precautions for the Remote Air Conditioning System**

- Do not use the system if people are in the vehicle. Even when the system is in use, the internal temperature may still reach a high or low level due to features such as the automatic shut-off. Children and pets left inside the vehicle may suffer heatstroke dehydration or hypothermia, or could result in death or serious injury.
- Depending on the surrounding environment, signals from the wireless switch may transmit further than expected. Pay appropriate attention to the vehicle's surroundings and use the switch only when necessary.
- Do not operate A/C if the hood is open. The air conditioning may operate unintentionally and objects may be drawn into the electrical cooling fans.

 **NOTICE**

■ **To prevent the traction battery from being discharged through incorrect operation**

Use A/C only when necessary.

Heated steering wheel* / seat heaters* / seat ventilators*

* : If equipped

- Heated steering wheel

Warms up the grip of the steering wheel

- Seat heaters

Warm up the seat upholstery

- Seat ventilators

Maintain good airflow on the seat upholstery by sucking air into the seats

WARNING

■ To prevent minor burn injuries

Care should be taken if anyone in the following categories comes in contact with the steering wheel or seats when the heater is on:

- Babies, small children, the elderly, the sick and the physically challenged
- Persons with sensitive skin
- Persons who are fatigued
- Persons who have taken alcohol or drugs that induce sleep (sleeping drugs, cold remedies, etc.)

NOTICE

■ To prevent damage to the seat heaters and seat ventilators

Do not put heavy objects that have an uneven surface on the seat and do not stick sharp objects (needles, nails, etc.) into the seat.

■ To prevent 12-volt battery discharge

Do not use the functions when the EV system is off.

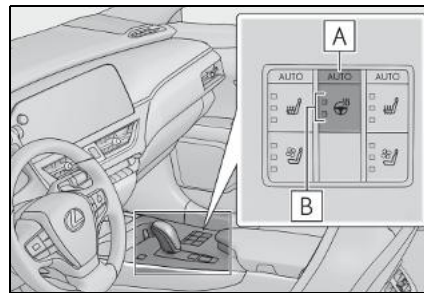
Heated steering wheel

Turns the heated steering wheel on/off

Each time the switch is pressed, the operation condition changes as follows.

AUTO (lit) → Hi (2 segments lit) → Lo (1 segment lit) → Off

The AUTO indicator **A** and/or level indicator **B** illuminates during operation.



■ The heated steering wheel can be used when

The power switch is in ON.

■ Customization

Steering wheel heating preference in automatic mode can be changed. (Customizable features: →P.482)

Seat heaters

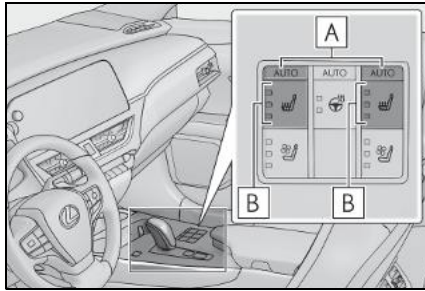
■ Front

Turns the seat heaters on/off

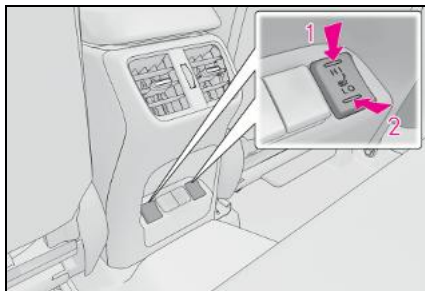
Each time the switch is pressed, the operation condition changes as follows.

AUTO (lit) → Hi (3 segments lit) → Mid (2 segments lit) → Lo (1 segment lit) → Off

The AUTO indicator **A** and/or level indicator **B** illuminates during operation.



■ Rear (outboard rear seats)



- 1 High heater temperature level
- 2 Low heater temperature level

When the rear seat heater is on, the indicator illuminates on the seat heater switch.

When not in use, put the switch in the neutral position. The indicator will turn off.

■ The seat heaters can be used when

The power switch is in ON.

■ Customization

Settings for the seat heaters can be changed. (Customizable features: →P.482)

! WARNING

■ To prevent causes of overheating and minor burn injuries

Observe the following precautions when using a seat heater

- Do not cover the seat with a blanket or cushion when using the seat heater.
- Do not use seat heater more than necessary.

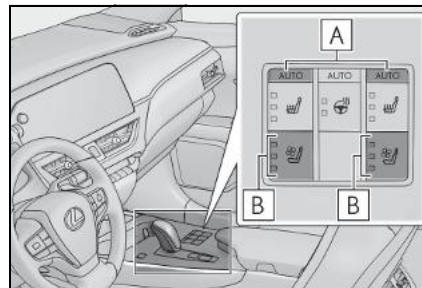
Seat ventilators (front seats)

Turns the seat ventilators on/off

Each time the switch is pressed, the operation condition changes as follows.

AUTO (lit) → Hi (3 segments lit) → Mid (2 segments lit) → Lo (1 segment lit) → Off

The AUTO indicator **A** and/or level indicator **B** illuminates during operation.



■ The seat ventilators can be used when

The power switch is in ON.

■ Air conditioning system-linked control mode


When the seat ventilator fan speed level is Hi, the seat ventilator fan speed becomes higher according to the fan speed of the air conditioning system.

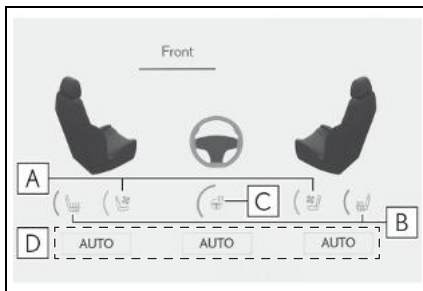
■ Customization

Settings for the seat ventilators can be

changed. (Customizable features:
→P.482)

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 front seat heater temperature level

Each time the switch is selected, the temperature 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.

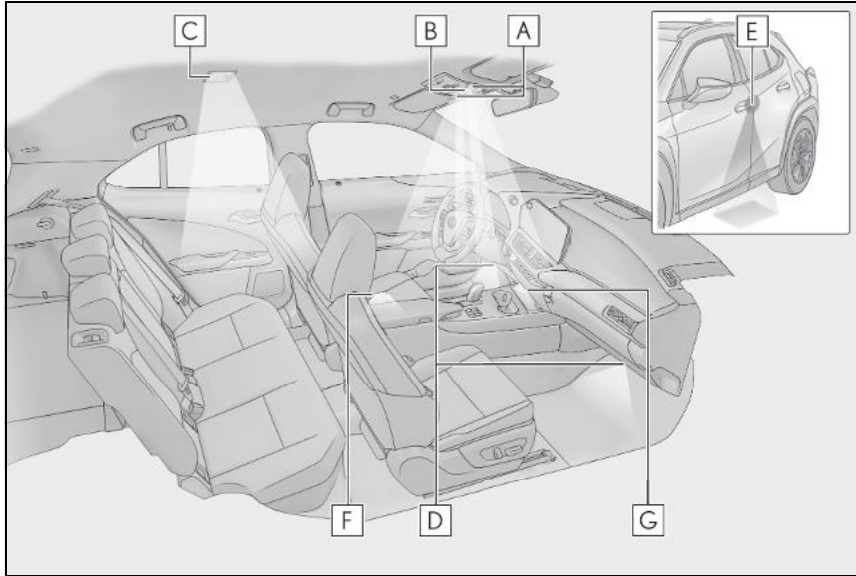
Left-hand side seat heater/seat ventilator

Right-hand side seat heater/seat ventilator

Heated steering wheel

Interior lights list

Location of the interior lights



- A** Personal lights (→P.356)
- B** Front interior light (→P.355)
- C** Rear interior light (→P.355)
- D** Footwell lights^{*1,2}
- E** Outside door handle lights (vehicles with entry function)
- F** Door courtesy lights
- G** Auxiliary tray lights (if equipped)^{*2}

^{*1}: When the power switch is in ON, the footwell lights will turn on. However, if the instrument panel light control switch is turned to minimum, the footwell lights will turn off. (→P.165)

^{*2}: These lights turn on when a door is unlocked. When the shift position is in a position other than P, the brightness of these lights will reduce intensity.

■ Personal lights/interior lights automatic on/off

- Illuminated entry system: The lights auto-

atically 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.483)

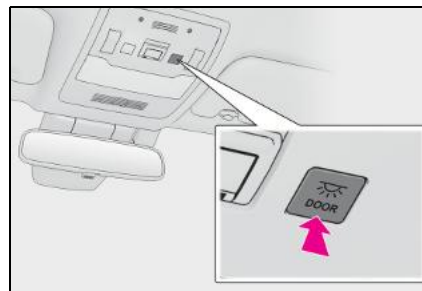
	<p>NOTICE</p> <p>■ Removing light lenses</p> <p>Never remove the lens for the front interior light and personal lights. Otherwise, the lights will be damaged. If the lens need to remove, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.</p> <p>■ To prevent 12-volt battery discharge</p> <p>Do not leave the lights on longer than necessary when the EV system is off.</p>
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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.

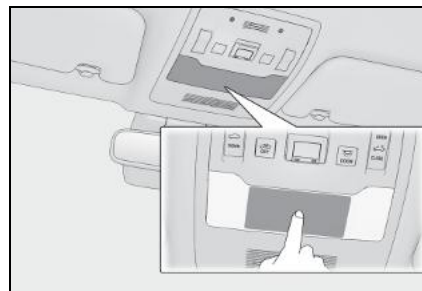


■ **Turning the lights on/off**

▶ **Front**

Turns the lights on/off (touch the light)

When a door is opened while the door position is on, the lights turn on.

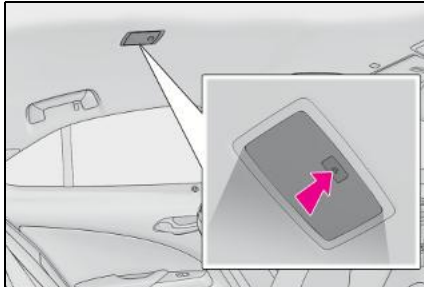


▶ **Rear**

On/off

The rear interior light turns on/off with the front interior light.

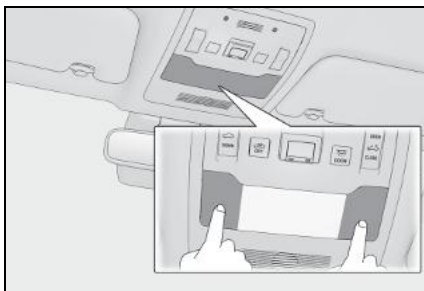
When a door is opened while the door position is on, the lights turn on.



Operating the personal lights

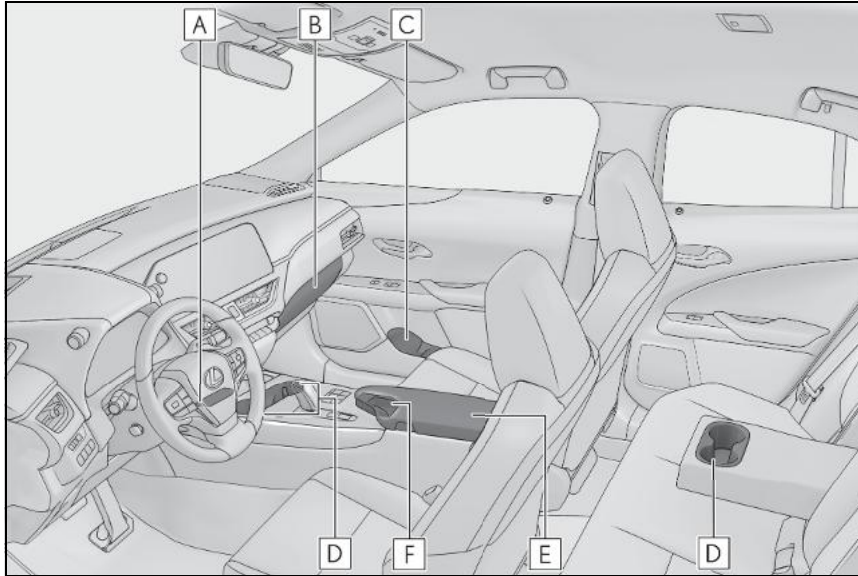
■ Turning the lights on/off

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.358)
- C** Bottle holders (→P.359)
- D** Cup holders (→P.358)
- E** Console box (→P.358)
- F** Coin holder (→P.359)

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.

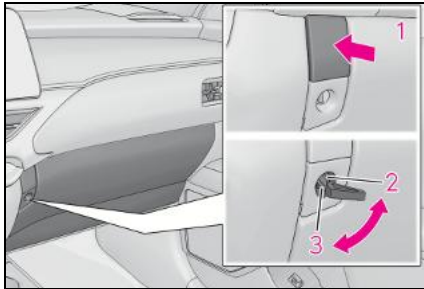
- Lighters or spray cans may explode. If they come into contact with other stored items, the lighter may catch fire or the spray can may release gas, causing a fire hazard.

⚠ 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



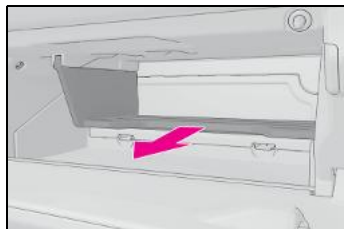
- 1 Open (press the button)
- 2 Unlock with the mechanical key
- 3 Lock with the mechanical key

■ **Glove box light**

The glove box light turns on when the tail lights are on.

■ **Removing the partition**

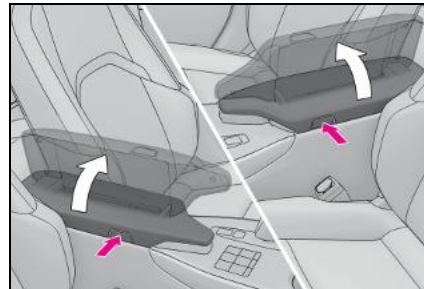
The partition inside the glove box can be removed by pulling it.



Console box

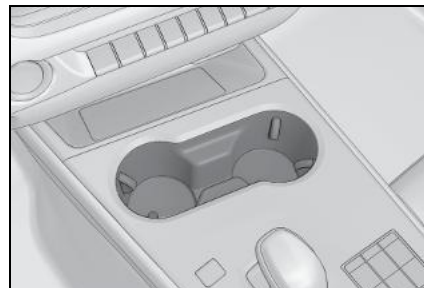
Lift the lid while pushing the button to release the lock.

The console box can be opened from either side.



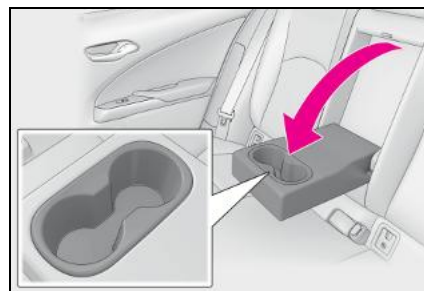
Cup holders

■ **Front**



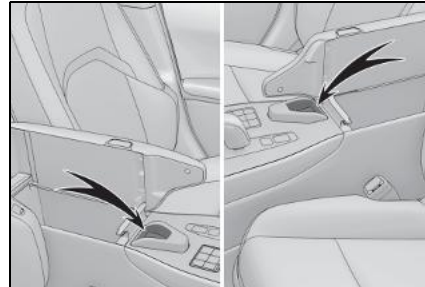
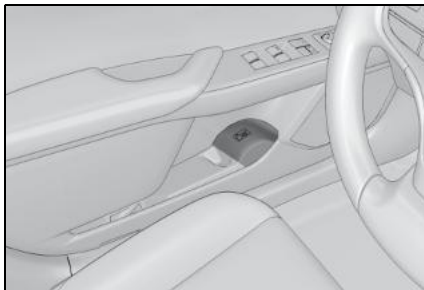
■ **Rear**

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.358)

⚠ NOTICE**■ Coin holder**

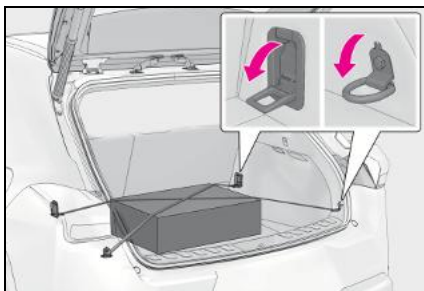
Do not insert coins exceeding the height of the tray. Doing so may prevent opening and closing of the lid.

Luggage compartment features

Cargo hooks

Raise the hooks to use.

The cargo hooks are provided for securing loose items.



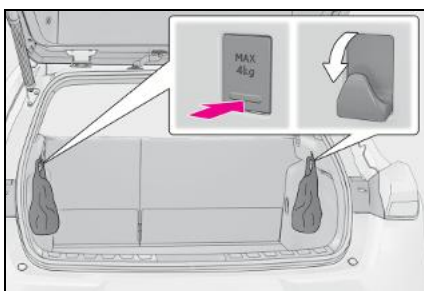
WARNING

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.



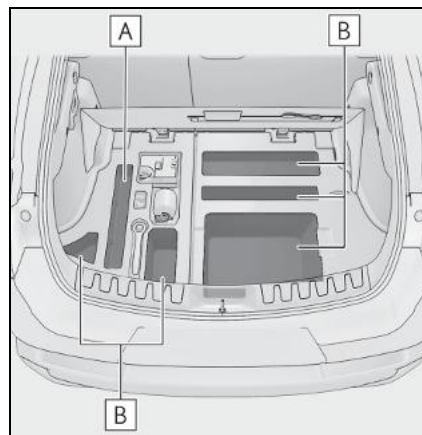
NOTICE

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.361) The following items can be stowed.



A Warning reflector*

B Accessories

*: The warning reflector itself is not included as an original equipment.

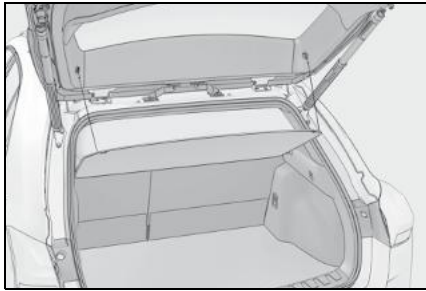
Depending on specifications, some storage spaces may differ from that shown in the illustration.

Warning reflector

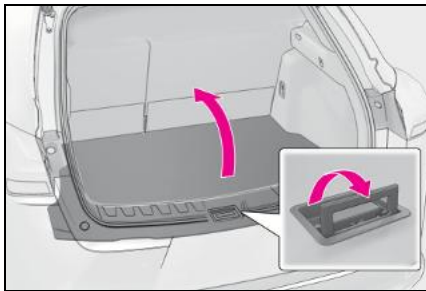
Depending on the size and shape of the warning reflector case, you may not be able to store it.

Deck board

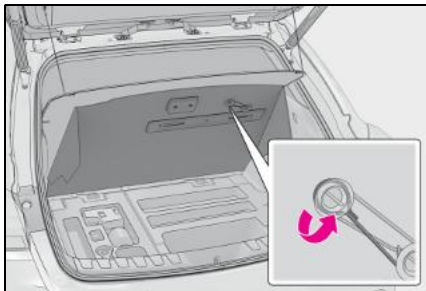
- 1 Open the back door.



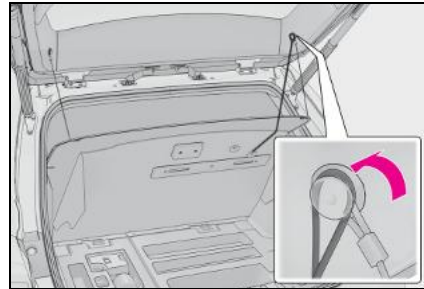
- 2 Pull the lever upwards and open the deck board.



- 3 Unhook the string on the backside of the deck board.



- 4 Attach the string to the hook on the back door.



WARNING

- **If the deck boards are opened or removed**

Return them to their original positions before driving. In the event of sudden braking, an accident may occur due to an occupant being struck by the deck boards or the items stored in the deck under tray.

NOTICE

- **To prevent damage to the deck board**

When closing the back door, do not leave the deck board string attached to the hook.

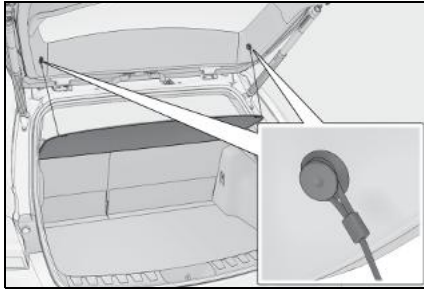
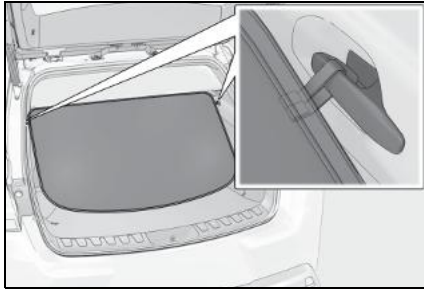
Luggage cover (if equipped)

- **Installing the luggage cover**

- 1 Take out the luggage cover from the bag.
- 2 Slowly unfold the luggage cover.

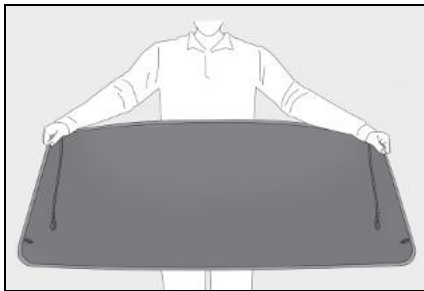
- 3** Attach the strings to the luggage cover hooks.

Make sure that the side the strings are sewn faces down.

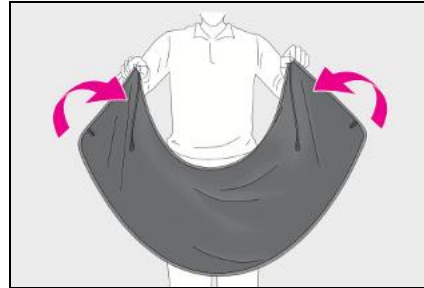


■ **Stowing the luggage cover**

- 1** Hold the luggage cover corners of the side with the long strings.



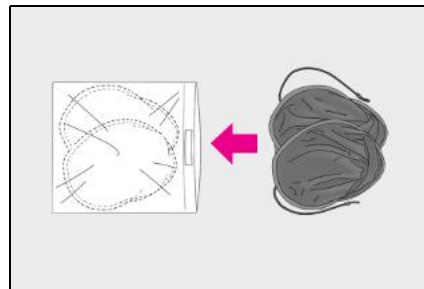
- 2** Fold it in half.



- 3** Turn your wrists to fold it.

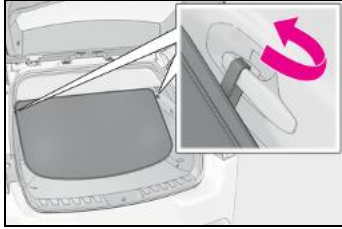


- 4** Put it in the bag.



■ **When removing the luggage cover**

Pull the short strings toward you and unhook them.



⚠ WARNING

■ When removing and unfolding the luggage cover

Observe the following precautions. Failure to do so may cause the luggage cover to suddenly unfold, resulting in injury.

- When taking out the luggage cover from the bag, securely hold the edges of the luggage cover and slowly take it out.
- When unfolding the luggage cover, hold it securely in both hands and slowly unfold it.
- Do not unfold the luggage cover near your face.
- When unfolding the luggage cover, do not release your hand from the cover.
- Do not unfold the luggage cover near other people.

■ When installing the luggage cover

Observe the following precautions. Failure to do so may cause an accident.

- Make sure that the rear edge of the luggage cover is laying flat to prevent the driver's view from being obstructed.
- Make sure to attach the strings correctly.

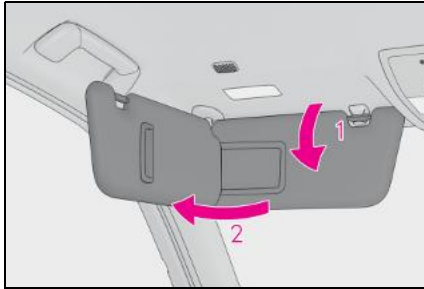
⚠ NOTICE

■ When using the luggage cover

- Do not place anything on the luggage cover. Doing so may deform the luggage cover.
- Do not open or close the back door with the strings unhooked. Doing so may cause damage to the luggage cover.
- Do not hook anything other than the luggage cover and deck board strings on the luggage cover hooks. The hooks and back door may be damaged.

Other interior features

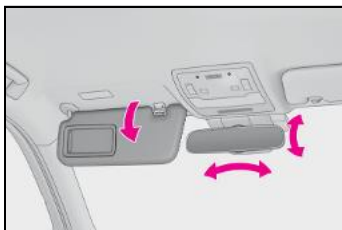
Sun visors



- 1 To set the visor in the forward position, flip it down.
- 2 To set the visor in the side position, flip down, unhook, and swing it to the side.

■ When adjusting the inside rear view mirror

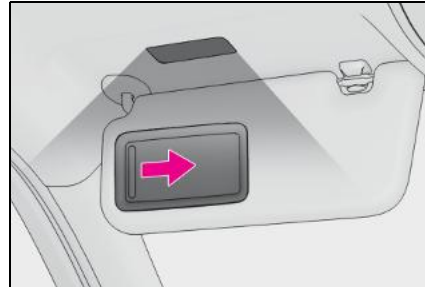
Adjust the inside rear view mirror to enable sufficient confirmation of the rear view without interfering with the sun visor.



Vanity mirrors

Slide the cover to open.

The light turns on when the cover is opened.



■ Vanity lights

If the vanity lights remain on when the power switch is turned off, the lights will go off automatically after 20 minutes.

⚠ NOTICE

■ To prevent 12-volt battery discharge

Do not leave the vanity lights on for extended periods while the EV system is off.

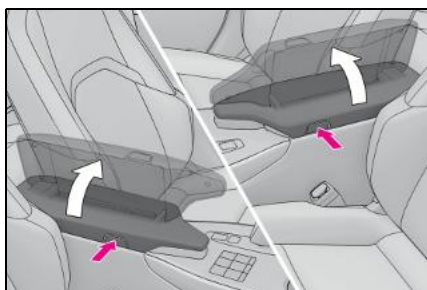
Power outlet

Please use a power supply for electronic goods that use less than 12 VDC/10 A (power consumption of 120 W).

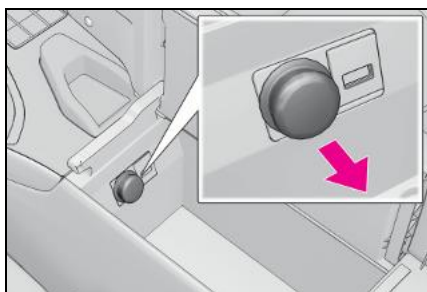
When using electronic goods, make sure that the power consumption of all the connected power outlets is less than 120 W.

Lift the lid while pushing the button to release the lock.

The console box can be opened from either side.



Open the lid.



■ **The power outlet can be used when**

The power switch is in ACC or ON.

■ **When stopping the EV system**

Disconnect electrical devices with charging functions, such as mobile battery packs. If such devices are left connected, the EV system may not stop normally.



NOTICE

■ **When power outlet is not in use**

To avoid damaging the power outlet, close the power outlet lid when the power outlet is not in use. Foreign objects or liquids that enter the power outlet may cause a short circuit.

■ **To prevent 12-volt battery discharge**

Do not use the power outlet longer than necessary when the EV system is off.

■ **To prevent incorrect operation of the vehicle**

When turning the power switch off, make sure to disconnect accessories designed for charging, such as portable chargers, power banks, etc. from the power outlets.

If such an accessory is left connected, the following may occur:

- The doors will not be able to be locked.
- The opening screen will be displayed on the multi-information display.
- The interior lights, instrument panel lights, etc. will illuminate.

USB Type-C charging ports

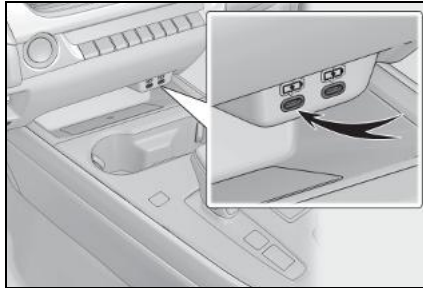
The USB Type-C charging ports are used to supply 3.0 A of electricity at 5 V to external devices.

The USB Type-C charging ports are for charging only. They are not designed for data transfer or other purposes.

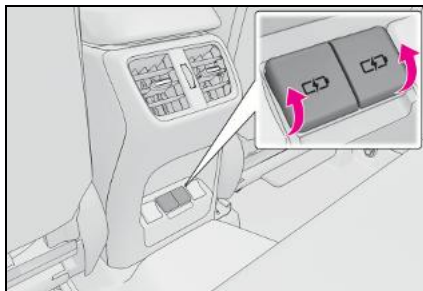
Depending on the external device, it may not charge properly. Refer to the manual included with the device before using a USB charging port.

■ 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 the 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 EV 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.

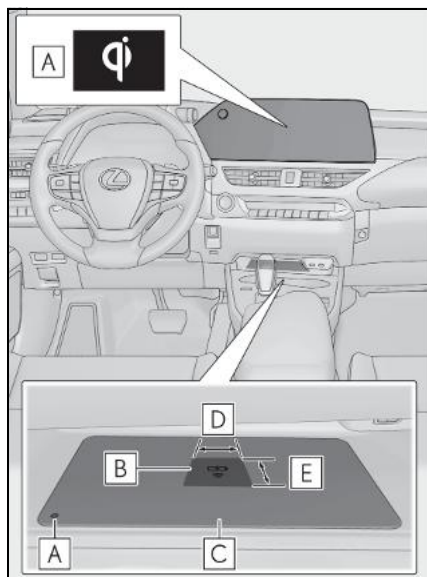
This function cannot be used with portable devices that are larger than the charging tray. Also, depending on the portable device, it may not operate as normal. Please read the operation manual for portable devices to be used.

■ 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 7 cm (2.8 in.)

E Approximately 6 cm (2.4 in.)

*: Portable devices and wireless chargers contain charging coils. The charging coil in the wireless charger can be moved within the charge area near the center of the charging tray. If the charging coil inside a portable device is detected in the charge area, the charging coil inside the wireless charger will move toward it and start charging. If the charging coil inside a portable device moves outside of the charge area, charging will automatically stop.

If 2 or more portable devices are placed on the charging tray, their charging coils may not be properly detected and they may not be charged.

■ Using the wireless charger

Place the portable device on the charging tray

Place the charging side of the portable device down with the center of the device in the center of the charge area.

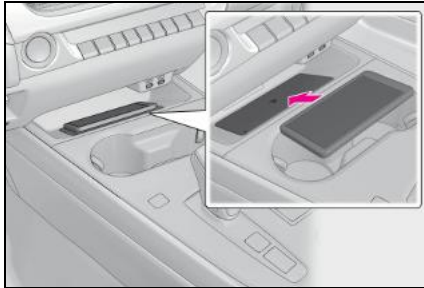
Depending on the portable device, the charging coil may not be located in the center of the device. In this case, place the portable device so that its charging coil is in the center of the charge area.

When charging, the operation indicator light (orange) comes on.

If charging is not occurring, try placing the portable device as close to the center of the charging area as possible. When not charging a device, the operation indicator light on the wireless charger will slowly blink green and orange, and a repeated

operating sound of the charging coil may be heard.

When charging is complete, the operation indicator light (green) 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 a charging coil in the charge area, the charging coil inside the wireless charger will move toward it and then charging restarts.

■ **Rapid charging function**

- The following portable devices support rapid charging.

Portable devices compliant with WPC Ver1.2.4 and compatible with rapid charging

iPhones with an iOS version that supports 7.5 W charging (iPhone 8 and later models)

- When a portable device that supports rapid charging is charged, charging automatically switches to the rapid charging.

■ **Lighting conditions of operation indicator light**

Operation indicator light		Conditions
Charging tray side	Center display side	
Turning off	Not displayed	When the wireless charger power supply is off
Green (comes on)	Gray	On Standby (charging possible state) ^{*1}
		When charging is complete ^{*2}
Orange (comes on)	Blue	When placing the portable device on the charging area (detecting the portable device)
		Charging

^{*1}: Charging power will not be output during standby. A metallic object will not be heated, if it is placed on the charging tray 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 EV system is operating, stop and then restart the EV system. If the power switch is in ACC, start the EV system. (→P.226)
Green (Flashing repeatedly once every second)	Not displayed	Wireless charger and multimedia system communication failure → If the EV system is operating, stop and then restart the EV system. If the power switch is in ACC, start the EV system. (→P.226)
Green (comes on)	Blue	AM radio stations are being automatically selected → Wait until the system has completed the automatic selection of AM radio stations. In the case that automatic selection cannot be completed, stop automatic selection.
		The smart entry & start system is detecting the key. → Wait until key detection has completed.

Operation indicator light		Suspected causes/Handling method
Charging tray side	Center Display side	
Orange (Repeatedly flashes 3 times continuously)	Gray	Foreign substance detection: A metallic foreign substance is in the charge area, and so the abnormal heating prevention function operated → Remove the foreign substance from the charge area.
		Portable device misaligned: → The charging coil in the portable device moved outside of the charge area, and so the abnormal heating prevention function operated
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 charging tray, wait for the temperature to drop, and then start charging again.

■ **The wireless charger can be operated when**

The power switch is in ACC or ON.

■ **Usable portable devices**

- Qi standard wireless charge standard can be used on compatible devices. However, not all Qi standard devices and compatibility are guaranteed.
- Starting with mobile phones and smartphones, it is aimed for low power electrically supplied portable devices of no more than 5 W.
- However, charging exceeding 5 W is supported by the following portable devices.
Charging at 7.5 W or less is supported by iPhones that support 7.5 W charging. Charging at 10 W or less is supported by portable devices compliant with EPP out-

put as defined by WPC standard Ver1.2.4.

■ **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.

■ Trademark information

iPhone is a trademark of Apple Inc., registered in the U.S. and other countries.



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.

■ Caution while in motion

Do not charge lightweight devices such as wireless headphones while in motion. These devices are very light and may be ejected from the charging tray, which may lead to unforeseen accidents.

■ 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 use the charging tray as a small storage space
- 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 charge devices if the charge area is covered in dust
- Do not cover with a cloth or similar material



NOTICE

■ 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



NOTICE

- Charging has caused the portable device to heat up
- The temperature around the charging tray is 35°C (95°F) or higher, such as in extreme heat
- The portable device is placed with its charging side facing up
- A charging coil inside the portable device is outside the charging area
- The portable device is larger than the charging tray
- A foldable and portable device is placed outside the charge area
- The camera lens protrudes 3 mm (0.12 in) or more from the surface of the portable device
- 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.
- Any of the following objects that is 2 mm (0.08 in) or thicker is stuck or inserted between the charging side of the portable device and the charge area.
 - Thick cases or covers
 - A case or cover with an uneven or tilted surface, so that the charging side is not flat
 - Thick decorations
 - Accessories, such as finger rings, straps, etc.
- When the portable device is in contact with, or is covered by any of the following 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 case or cover with a magnet on the charging side of the portable device

● Electric wave type wireless remote controls are being used nearby

● The electronic key is not inside the vehicle

● 2 or more portable devices are placed on the charging tray at the same time

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.

■ **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 in a case or cover containing a non-contact IC card.

- Do not leave portable devices inside the vehicle. The inside of the vehicle can become hot in extreme heat, which could cause a malfunction.

- **If the smartphone OS has been updated**

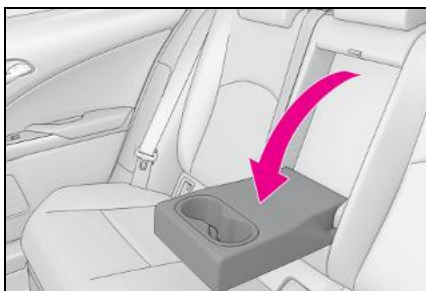
If the smartphone OS has been updated to a newer version, its charging specifications may have changed significantly. For details, check the information on the manufacturer's website.

- **To prevent 12-volt battery discharge**

Do not use the wireless charger for a long period of time when the EV system is stopped.

Armrest

Fold down the armrest for use.

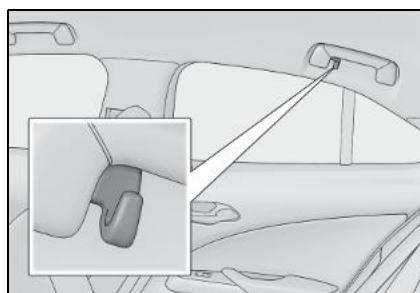
**NOTICE**

- **To prevent damage to the armrest**

Do not apply too much load on the armrest.

Coat hooks

The coat hooks are provided with the rear assist grips.

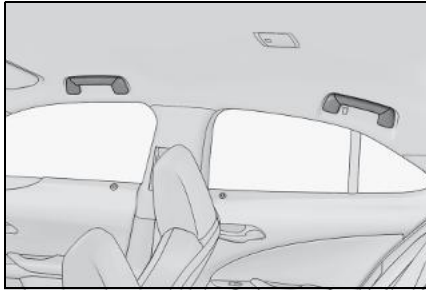
**WARNING**

- **Items that must not be hung on the hook**

Do not hang coat hangers or other hard or sharp objects on the hook. If the SRS curtain shield airbags deploy, these items may become projectiles, causing death or serious injury.

Assist grips

An assist grip installed on the ceiling can be used to support your body while sitting on the seat.



 **WARNING**

■ **Assist grips**

Do not use the assist grip when getting in or out of the vehicle or rising from your seat.

 **NOTICE**

■ **To prevent damage to the assist grip**

Do not hang any heavy object or put a heavy load on the assist grip.

- 7-1. Maintenance and care**
- Cleaning and protecting the vehicle exterior **376**
 - Cleaning and protecting the vehicle interior **379**
- 7-2. Maintenance**
- Maintenance requirements.. **382**
- 7-3. Do-it-yourself maintenance**
- Do-it-yourself service precautions..... **384**
 - Hood **385**
 - Positioning a floor jack..... **386**
 - Motor compartment..... **388**
 - Tires **393**
 - Replacing the tire **401**
 - Tire inflation pressure..... **406**
 - Wheels **407**
 - Air conditioning filter..... **408**
 - Electronic key battery **410**
 - Checking and replacing fuses **412**
 - Light bulbs..... **415**

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 water-proof 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 it is necessary to set the power switch to ACC with the shift position held in N, refer to P.233.

■ 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.198)
- 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

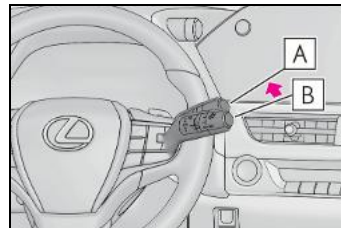
■ When washing the vehicle

Do not apply water to the inside of the motor compartment. Doing so may cause the electrical components, etc. to catch fire.

■ When cleaning the windshield (vehicles with rain-sensing windshield wipers)

Set the wiper switch to off.

If the wiper switch is in AUTO, the wipers may operate unexpectedly in the following situations, and may result in hands being caught or other serious injuries and cause damage to the wiper blades.



A Off

B AUTO

- When the upper part of the windshield where the raindrop sensor is located is touched by hand
- When a wet rag or similar is held close to the raindrop sensor
- If something bumps against the windshield
- If you directly touch the raindrop sensor body or if something bumps into the raindrop sensor



WARNING

■ **Precaution regarding the rear bumper**

If the paint of the rear bumper is chipped or scratched, the following systems may not function correctly. If this occurs, consult any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- Lexus Safety System +
- BSM (if equipped)
- RCTA (if equipped)
- PKSB (if equipped)



NOTICE

■ **To prevent paint deterioration and corrosion on the body and components (aluminum wheels, etc.)**

- Wash the vehicle immediately in the following cases:
 - After driving near the sea coast
 - After driving on salted roads
 - If coal tar or tree sap is present on the paint surface
 - If dead insects, insect droppings or bird droppings are present on the paint surface
 - After driving in an area contaminated with soot, oily smoke, mine dust, iron powder or chemical substances
 - If the vehicle becomes heavily soiled with dust or mud
 - If liquids such as benzene and gasoline are spilled on the paint surface
- If the paint is chipped or scratched, have it repaired immediately.
- To prevent the wheels from corroding, remove any dirt and store in a place with low humidity when storing the wheels.

■ **Cleaning the exterior lights**

- Wash carefully. Do not use organic substances or scrub with a hard brush. This may damage the surfaces of the lights.
- Do not apply wax to the surfaces of the lights. Wax may cause damage to the lenses.

■ **When using an automatic car wash (vehicles with rain-sensing windshield wipers)**

Set the wiper switch to the off position. If the wiper switch is in AUTO, the wipers may operate and the wiper blades may be damaged.

■ **When using a high pressure car wash**

- When washing the vehicle, do not 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.

**NOTICE**

- Do not spray the lower part of the windshield continuously. If water enters the air conditioning system intake located near the lower part of the windshield, the air conditioning system may not operate correctly.
- Do not wash the underside of the vehicle using a high pressure car washer. If water enters the traction battery, the EV system may malfunction.

Cleaning and protecting the vehicle interior

Perform cleaning in a manner appropriate to each component and its material.

Protecting the vehicle interior

- Remove dirt and dust using a vacuum cleaner. Wipe dirty surfaces with a cloth dampened with lukewarm water.
- If dirt cannot be removed, wipe it off with a soft cloth dampened with neutral detergent diluted to approximately 1%.
Wring out any excess water from the cloth and thoroughly wipe off remaining traces of detergent and water.

Shampooing the carpets

There are several commercial foaming-type cleaners available. Use a sponge or brush to apply the foam. Rub in overlapping circles. Do not use water. Wipe dirty surfaces and let them dry. Excellent results are obtained by keeping the carpet as dry as possible.

Handling the seat belts

Clean with mild soap and lukewarm water using a cloth or sponge. Also check the belts periodically for excessive wear, fraying or cuts.

Front side windows with UV protective coating (vehicles with UV protective coating)

The front side windows have UV protective coating. To prevent any damage to the UV protective coating, observe the following:

- If the windows are dirty, gently wipe them with a cloth soaked in water or lukewarm water as soon as possible.
- If the windows are very dirty, do not open and close them repeatedly.

 **WARNING**

■ **Water in the vehicle**

- Do not splash or spill liquid in the vehicle. Doing so may cause the electrical components, etc., to malfunction or catch fire.
- Do not get any of the SRS components or wiring in the vehicle interior wet. (→P.36)
An electrical malfunction may cause the airbags to deploy or not function properly, resulting in death or serious injury.
- Vehicles with wireless charger: Do not let the wireless charger (→P.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 panels or other interior parts 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.259)

■ **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.390)

Scheduled maintenance

Scheduled maintenance should be performed at specified intervals according to the maintenance schedule.

For full details of your maintenance schedule, refer to the Lexus Service Booklet or Lexus Warranty Booklet .

Do-it-yourself maintenance

What about do-it-yourself maintenance?

Many maintenance items are easy to do yourself if you have a little mechanical ability and a few basic automotive tools.

Note, however, that some maintenance tasks require special tools and skills. These are best performed by qualified technicians. Even if you're an experienced do-it-yourself mechanic, we recommend that repairs and maintenance be conducted by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer. Any authorized Lexus retailer or repairer will keep a record of maintenance, which could be useful should you ever require Warranty Service. Should you choose to select a qualified and equipped professional other than an authorized Lexus repairer to service or maintain your vehicle, we recommend that you request that a record of maintenance be kept.

■ Does your vehicle need repairs?

Be on the alert for changes in performance and sounds, and visual tip-offs that indicate service is needed. Some important clues are:

- Appreciable loss of power
- Strange noises

- A fluid leak under the vehicle (However, water dripping from the air conditioning system after use is normal.)
- Flat-looking tires, excessive tire squeal when cornering, uneven tire wear
- Vehicle pulls to one side when driven straight on a level road
- Strange noises related to suspension movement
- Loss of brake effectiveness, spongy feeling brake pedal, pedal almost touches the floor, vehicle pulls to one side when braking

If you notice any of these clues, take your vehicle to any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as soon as possible. Your vehicle may need adjustment or repair.

Do-it-yourself service precautions

If you perform maintenance by yourself, be sure to follow the correct procedure as given in these sections.

Maintenance

Items	Parts and tools
12-volt battery condition (→P.390)	Warm water Baking soda Grease Conventional wrench (for terminal clamp bolts) Distilled water
Power control unit/heater coolant level (→P.388, 390)	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 pre-mixed with 50% coolant and 50% deionized water. Funnel (used only for adding coolant)
Fuses (→P.412)	Fuse with same amperage rating as original

Items	Parts and tools
Light bulbs (→P.415)	Bulb with same number and wattage rating as original
Radiator and condenser (→P.389)	–
Tire inflation pressure (→P.406)	Tire pressure gauge Compressed air source
Washer fluid (→P.392)	Water or washer fluid containing antifreeze (for winter use) Funnel (used only for adding water or washer fluid)

⚠ WARNING

The motor compartment contains many mechanisms and fluids that may move suddenly, become hot, or become electrically energized. To avoid death or serious injury, observe the following precautions.

■ When working on the motor compartment

- Make sure that **IGNITION ON** on the multi-information display and the **READY** indicator are both off.
- Keep hands, clothing and tools away from the moving fans.
- Be careful not to touch the motor, power control unit, radiator, etc., right after driving as they may be hot. Coolant and other fluids may also be hot.
- Do not leave anything that may burn easily, such as paper and rags, in the motor compartment.
- Do not smoke, cause sparks or expose an open flame to the 12-volt battery. 12-volt battery fumes are flammable.

⚠ WARNING

- Be extremely cautious when working on the 12-volt battery. It contains poisonous and corrosive sulfuric acid.
- Never touch, disassemble, remove or replace the high voltage parts, cables and their connectors. It can cause severe burns or electric shock that may result in death or serious injury.
- Take care because brake fluid can harm your hands or eyes and damage painted surfaces. If fluid gets on your hands or in your eyes, flush the affected area with clean water immediately. If you still experience discomfort, consult a doctor.

■ When working near the electric cooling fans or radiator grille

Be sure the power switch is OFF. With the power switch in ON, the electric cooling fans may automatically start to run if the air conditioning is on and/or the coolant temperature is high. (→P.389)

■ Safety glasses

Wear safety glasses to prevent flying or falling material, fluid spray, etc., from getting in your eyes.

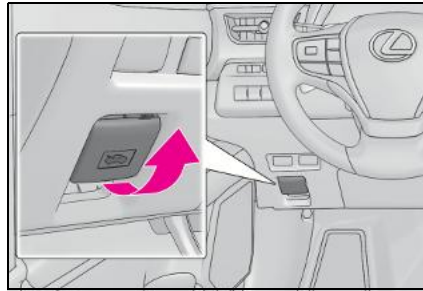
⚠ NOTICE**■ If the fluid level is low or high**

It is normal for the brake fluid level to go down slightly as the brake pads wear or when the fluid level in the accumulator is high. If the reservoir needs frequent refilling, it may indicate a serious problem.

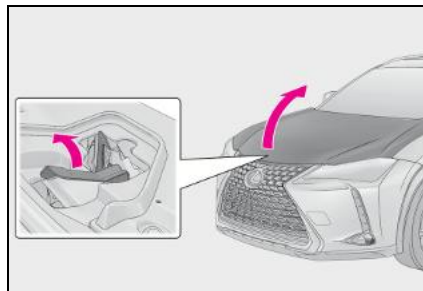
Hood**Opening the hood**

- 1 Pull the hood lock release lever.

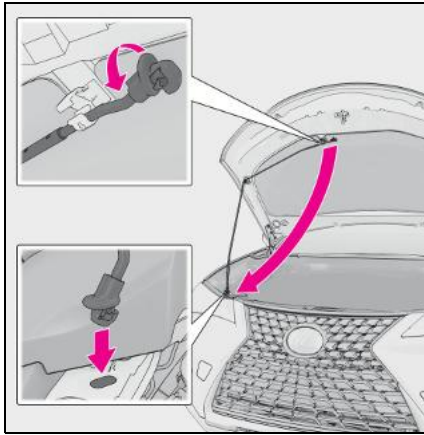
The hood will pop up slightly.



- 2 Pull up the auxiliary catch lever and lift the hood.



- 3 Hold the hood open by inserting the supporting rod into the slot.



⚠ WARNING

■ **Pre-driving check**

Check that the hood is fully closed and locked. If the hood is not locked properly, it may open while the vehicle is in motion and cause an accident, which may result in death or serious injury.

■ **After installing the support rod into the slot**

Make sure the rod is properly inserted into the slot to prevent the hood from shutting on your head or body.

⚠ NOTICE

■ **When closing the hood**

Be sure to return the support rod to its clip before closing the hood. Closing the hood without returning the support rod properly may cause the hood to be damaged.

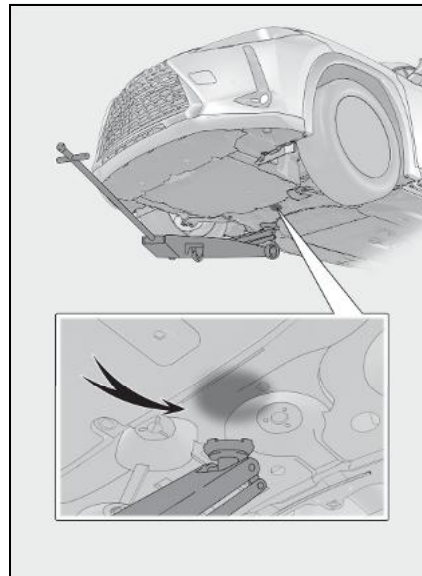
Positioning a floor jack

When using a floor jack, follow the instructions in the manual provided with the jack and perform the operation safely.

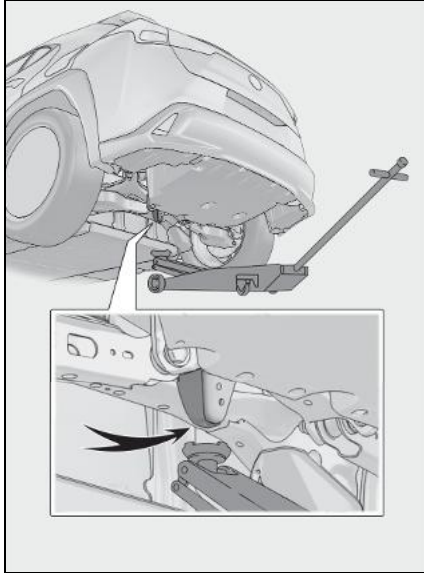
When raising your vehicle with a floor jack, position the jack correctly. Improper placement may damage your vehicle or cause injury.

Location of the jack point

■ **Front**

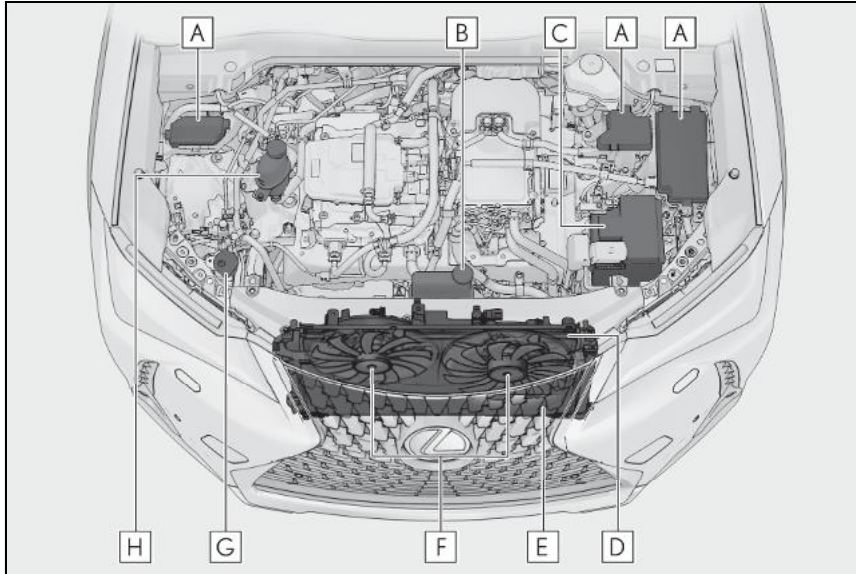


■ Rear



Motor compartment

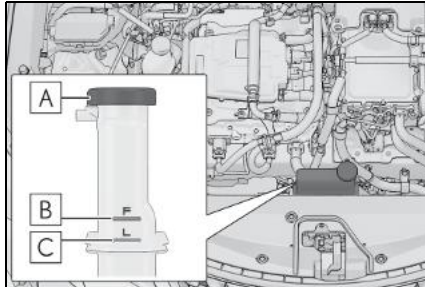
Components



- A** Fuse boxes (→P.412)
- B** Power control unit coolant reservoir (→P.388)
- C** 12-volt battery (→P.390)
- D** Radiator (→P.389)
- E** Condenser (→P.389)
- F** Electric cooling fans
- G** Washer fluid tank (→P.392)
- H** Heater coolant reservoir (→P.390)

Checking the power control unit coolant

The coolant level is satisfactory if it is between the F and L lines on the reservoir when the EV system is cold.



A Reservoir cap

B F line

C L line

If the level is on or below the L line, add coolant up to the F line. (→P.461)

■ Coolant selection

Only use Toyota Super Long Life Coolant or a similar high quality ethylene glycol based non-silicate, non-amine, non-nitrite, and non-borate coolant with long-life hybrid organic acid technology.

Toyota Super Long Life Coolant is a mixture of 50% coolant and 50% deionized water.

(Minimum temperature: -35°C [-31°F])

For more details about coolant, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ If the coolant level drops within a short time of replenishing

Visually check the radiator, hoses, power control unit coolant reservoir caps, drain cock and water pump.

If you cannot find a leak, have any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer, test the cap and check for leaks in the cooling system.

⚠ WARNING

■ When the EV system is hot

Do not remove the power control unit coolant reservoir caps.

The cooling system may be under pressure and may spray hot coolant if the cap is removed, causing serious injuries, such as burns.

⚠ NOTICE

■ When adding coolant

Coolant is neither plain water nor straight antifreeze. The correct mixture of water and antifreeze must be used to provide proper lubrication, corrosion protection and cooling. Be sure to read the antifreeze or coolant label.

■ If you spill coolant

Be sure to wash it off with water to prevent it from damaging parts or paint.

Checking the radiator and condenser

Check the radiator and condenser and clear away any foreign objects.

If either of the above parts is extremely dirty or you are not sure of their condition, have your vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

⚠ WARNING

■ When the EV system is hot

Do not touch the radiator or condenser as they may be hot and cause serious injuries, such as burns.

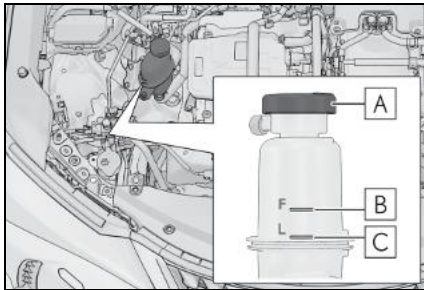
⚠ WARNING

■ **When the electric cooling fans are operating**

Do not touch the motor compartment. With the power switch in ON, the electric cooling fans may automatically start to run if the air conditioning is on and/or the coolant temperature is high. Be sure the power switch is OFF when working near the electric cooling fans or radiator grille.

Checking the heater coolant

The coolant level is satisfactory if it is between the F and L lines on the reservoir when the EV system is cold.



- A** Reservoir cap
- B** F line
- C** L line

If the level is on or below the L line, add coolant up to the F line.

■ **Coolant selection**

Only use Toyota Super Long Life Coolant or a similar high quality ethylene glycol based non-silicate, non-amine, non-nitrite, and non-borate coolant with long-life hybrid organic acid technology.

Toyota Super Long Life Coolant is a mixture of 50% coolant and 50% deionized water.

(Minimum temperature: -35°C [-31°F])

For more details about coolant, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **If the coolant level drops within a short time of replenishing**

Visually check the hoses, heater coolant reservoir caps, drain cock and water pump.

If you cannot find a leak, have any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer, test the cap and check for leaks in the cooling system.

⚠ WARNING

■ **When the heater system is hot**

Do not remove the heater coolant reservoir caps.

The heater system may be under pressure and may spray hot coolant if the cap is removed, causing serious injuries, such as burns.

⚠ NOTICE

■ **When adding coolant**

Coolant is neither plain water nor straight antifreeze. The correct mixture of water and antifreeze must be used to provide proper lubrication, corrosion protection and cooling. Be sure to read the antifreeze or coolant label.

■ **If you spill coolant**

Be sure to wash it off with water to prevent it from damaging parts or paint.

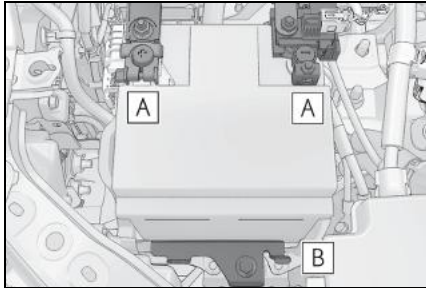
Checking the 12-volt battery

Check the 12-volt battery as follows.

■ **12-volt battery exterior**

Make sure that the 12-volt battery terminals are not corroded and that there are no loose connections, cracks, or

loose clamps.

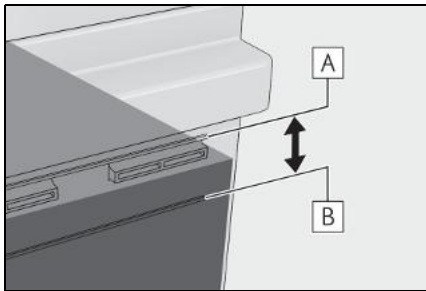


A Terminals

B Hold-down clamp

■ Checking 12-volt battery fluid

Check that the level is between the UPPER LEVEL and LOWER LEVEL lines.



A UPPER LEVEL line

B LOWER LEVEL line

If the fluid level is at or below the LOWER LEVEL line, add distilled water.

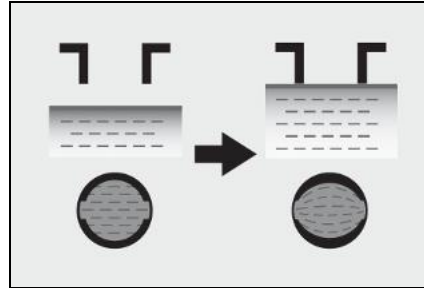
■ Adding distilled water

1 Remove the vent plug.

2 Add distilled water.

If the UPPER LEVEL cannot be seen, check the fluid level by looking directly at

the cell.



3 Put the vent plug back on and close it securely.

■ Before recharging

When recharging, the 12-volt battery produces hydrogen gas which is flammable and explosive. Therefore, observe the following precautions before recharging:

- If recharging with the 12-volt battery installed on the vehicle, be sure to disconnect the ground cable.
- Make sure the power switch on the charger is off when connecting and disconnecting the charger cables to the 12-volt battery.

■ After recharging/reconnecting the 12-volt battery

- Vehicles with steering lock function: The EV system may not start. Follow the procedure below to initialize the system.
 - 1** Shift the shift position to P.
 - 2** Open and close any of the doors.
 - 3** Restart the EV system.
- Unlocking the doors using the smart entry & start system may not be possible immediately after reconnecting the 12-volt battery. If this happens, use the wireless remote control or the mechanical key to lock/unlock the doors.
- Start the EV system with the power switch in ACC. The EV system may not start with the power switch turned off. However, the EV system will operate normally from the second attempt.
- The power switch mode is recorded by

the vehicle. If the 12-volt battery is disconnected and reconnected, the vehicle will return the power switch mode to the status it was in before the 12-volt battery was disconnected. Make sure to turn off the power switch before disconnecting the 12-volt battery. Take extra care when connecting the 12-volt battery if the power switch mode prior to the 12-volt battery being disconnected is unknown.

If the EV system will not start even after multiple attempts at all the methods above, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

WARNING

■ Chemicals in the 12-volt battery

Batteries contain poisonous and corrosive sulfuric acid and may produce hydrogen gas which is flammable and explosive. To reduce the risk of death or serious injury, take the following precautions while working on or near the 12-volt battery:

- Do not cause sparks by touching the 12-volt battery terminals with tools.
- Do not smoke or light a match near the 12-volt battery.
- Avoid contact with eyes, skin and clothes.
- Never inhale or swallow electrolyte.
- Wear protective safety glasses when working near the 12-volt battery.
- Keep children away from the 12-volt battery.

■ Where to safely charge the 12-volt battery

Always charge the 12-volt battery in an open area. Do not charge the 12-volt battery in a garage or closed room where there is insufficient ventilation.

■ Emergency measures regarding electrolyte

- If electrolyte gets in your eyes
Flush your eyes with clean water for at least 15 minutes and get immediate medical attention. If possible, continue to apply water with a sponge or cloth while traveling to the nearest medical facility.
- If electrolyte gets on your skin
Wash the affected area thoroughly. If you feel pain or burning, get medical attention immediately.
- If electrolyte gets on your clothes
It can soak through clothing on to your skin. Immediately take off the clothing and follow the procedure above if necessary.
- If you accidentally swallow electrolyte
Drink a large quantity of water or milk. Get emergency medical attention immediately.

■ When there is insufficient 12-volt battery fluid

Do not use if there is insufficient fluid in the 12-volt battery. There is a possible danger that the 12-volt battery may explode.

NOTICE

■ When recharging the 12-volt battery

Never recharge the 12-volt battery while the EV system is operating. Also, be sure all accessories are turned off.

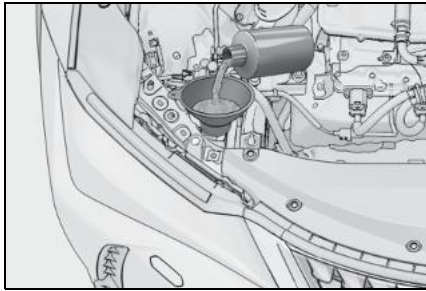
■ When adding distilled water

Avoid overfilling. Water spilled during 12-volt battery recharging may cause corrosion.

Adding the washer fluid

If 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 EV system is hot or operating as washer fluid contains alcohol and may catch fire if spilled on the motor, etc.

⚠ NOTICE

■ Do not use any fluid other than washer fluid

Do not use soapy water or antifreeze instead of washer fluid. Doing so may cause streaking on the vehicle's painted surfaces, as well as damaging the pump leading to problems of the washer fluid not spraying.

■ Diluting washer fluid

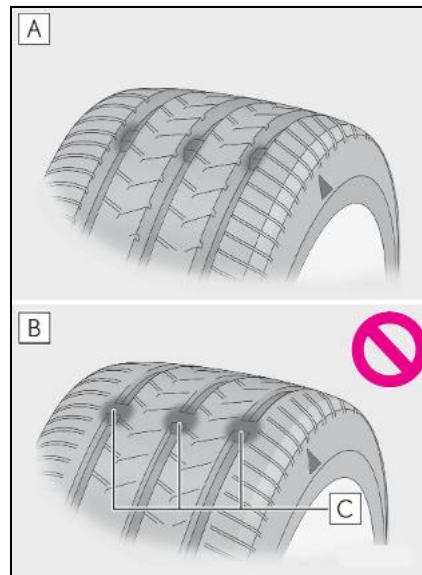
Dilute washer fluid with water as necessary. Refer to the freezing temperatures listed on the label of the washer fluid bottle.

Tires

Replace or rotate tires in accordance with maintenance schedules and treadwear.

Checking tires

Check if the treadwear indicators are showing on the tires. Also check the tires for uneven wear, such as excessive wear on one side of the tread.



A New tread

B Worn tread

C Treadwear indicator

The location of treadwear indicators is shown by a TWI or \triangle mark, etc., molded into the sidewall of each tire. Replace the tires if the treadwear indicators are showing on a tire.

■ **When to replace your vehicle's tires**

Tires should be replaced if:

- The treadwear indicators are showing on a tire.
- You have tire damage such as cuts, splits, cracks deep enough to expose the fabric, and bulges indicating internal damage
- A tire goes flat repeatedly or cannot be properly repaired due to the size or location of a cut or other damage

If you are not sure, consult any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ **Tire life**

Any tire over 6 years old must be checked by a qualified technician even if it has seldom or never been used or damage is not obvious.

■ **If the tread on snow tires wears down below 4 mm (0.16 in.)**

The effectiveness of the tires as snow tires is lost.

■ **Replacing tires**

Your vehicle may not be equipped with the following tools and jack for replacing a tire. In this case, when replacing tires, purchase tools and jack. Tools and jack can be purchased at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- Wheel nut wrench
- Jack
- Jack handle

 **WARNING**

■ **When inspecting or replacing tires**

Observe the following precautions to prevent accidents. Failure to do so may cause damage to parts of the drivetrain as well as dangerous handling characteristics, which may lead to an accident resulting in death or serious injury.

- Do not mix tires of different makes, models or tread patterns. Also, do not mix tires of remarkably different treadwear.
- Do not use tire sizes other than those recommended by Lexus.
- Do not mix differently constructed tires (radial, bias-belted or bias-ply tires).
- Do not mix summer, all season and snow tires.
- Do not use tires that have been used on another vehicle. Do not use tires if you do not know how they were used previously.
- Do not tow anything if a tire that has been repaired using the emergency tire puncture repair kit is installed. The load on the tire may cause unexpected damage to the tire.

 **NOTICE**

■ **Driving on rough roads**

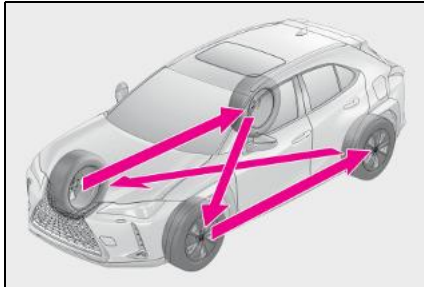
Take particular care when driving on roads with loose surfaces or potholes. These conditions may cause losses in tire inflation pressure, reducing the cushioning ability of the tires. In addition, driving on rough roads may cause damage to the tires themselves, as well as the vehicle's wheels and body.

■ **If tire inflation pressure of each tire becomes low while driving**

Do not continue driving, or your tires and/or wheels may be ruined.

Tire rotation

Rotate the tires in the order shown.



To equalize tire wear and help extend tire life, Lexus recommends that tire rotation is carried out approximately every 10000 km (6000 miles).

Do not fail to initialize the tire pressure warning system after tire rotation.

■ When rotating the tires

Make sure that the power switch is OFF. If the tires are rotated while the power switch is in ON, the tire position information will not be updated.

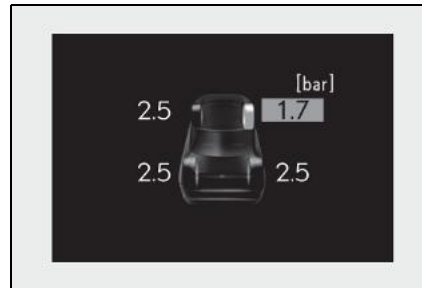
If this accidentally occurs, either turn the power switch to OFF and then to ON, or initialize the tire pressure warning system after checking that the tire pressure is properly adjusted.

Tire pressure warning system

Your vehicle is equipped with a tire pressure warning system that uses tire pressure warning valves and transmitters to detect low tire inflation pressure before serious problems arise.

- If the tire pressure drops below a predetermined level, the driver is warned by a screen display and a warning light. (→P.429, 436)

The illustration used is intended as an example, and may differ from the image that is actually displayed on the multi-information display.



- The tire pressure detected by the tire pressure warning system can be displayed on the multi-information display. (→P.166)

■ Routine tire inflation pressure checks

The tire pressure warning system does not replace routine tire inflation pressure checks. Make sure to check tire inflation pressure as part of your routine of daily vehicle checks.

■ Tire inflation pressure

- It may take a few minutes to display the tire inflation pressure after the power switch is turned to ON. It may also take a few minutes to display the tire inflation pressure after inflation pressure has been adjusted.
- Tire inflation pressure changes with temperature. The displayed values may also be different from the values measured using a tire pressure gauge.

■ Situations in which the tire pressure warning system may not operate properly

- In the following cases, the tire pressure warning system may not operate properly.
 - If non-genuine Lexus wheels are used.
 - A tire has been replaced with a tire that is not an OE (Original Equipment) tire.
 - A tire has been replaced with a tire that is not of the specified size.
 - Tire chains etc. are equipped.
 - An auxiliary-supported run-flat tire is equipped.

If a window tint that affects the radio wave signals is installed.

If there is a lot of snow or ice on the vehicle, particularly around the wheels or wheel housings.

If the tire inflation pressure is extremely higher than the specified level.

If wheels without tire pressure warning valves and transmitters are used.

If the ID code on the tire pressure warning valves and transmitters is not registered in the tire pressure warning computer.

- Performance may be affected in the following situations.
 - Near a TV tower, electric power plant, gas station, radio station, large display, airport or other facility that generates strong radio waves or electrical noise
 - When carrying a portable radio, cellular phone, cordless phone or other wireless communication device

If tire position information is not correctly displayed due to the radio wave conditions, the display may be corrected by driving and changing the radio wave conditions.

- When the vehicle is parked, the time taken for the warning to start or go off could be extended.
- When tire inflation pressure declines rapidly for example when a tire has burst, the warning may not function.

■ Warning performance of the tire pressure warning system

The warning of the tire pressure warning system will change in accordance with the conditions under which it was initialized. For this reason, the system may give a warning even if the tire pressure does not reach a low enough level, or if the pressure is higher than the pressure that was adjusted to when the system was initialized.

Installing tire pressure warning valves and transmitters

When replacing tires or wheels, tire

pressure warning valves and transmitters must also be installed.

When new tire pressure warning valves and transmitters are installed, new ID codes must be registered in the tire pressure warning computer and the tire pressure warning system must be initialized. (→P.399)

■ When replacing the tires and wheels

If the ID code of the tire pressure warning valve and transmitter is not registered, the tire pressure warning system will not work properly. After driving for about 10 minutes, the tire pressure warning light blinks for 1 minute and stays on to indicate a system malfunction.

NOTICE

■ Repairing or replacing tires, wheels, tire pressure warning valves, transmitters and tire valve caps

- When removing or fitting the wheels, tires or the tire pressure warning valves and transmitters, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as the tire pressure warning valves and transmitters may be damaged if not handled correctly.
- Make sure to install the tire valve caps. If the tire valve caps are not installed, water could enter the tire pressure warning valves and the tire pressure warning valves could be bound.
- When replacing tire valve caps, do not use tire valve caps other than those specified. The cap may become stuck.

**NOTICE****■ To avoid damage to the tire pressure warning valves and transmitters**

When a tire is repaired with liquid sealants, the tire pressure warning valve and transmitter may not operate properly. If a liquid sealant is used, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer or other qualified service shop as soon as possible. After use of liquid sealant, make sure to replace the tire pressure warning valve and transmitter when repairing or replacing the tire.

Initializing the tire pressure warning system**■ The tire pressure warning system must be initialized in the following circumstances:**

- When rotating the tires.
- When the tire inflation pressure is changed such as when changing tire size. (When there are multiple specified pressures)
- After registering the ID codes. (→P.399)

When the tire pressure warning system is initialized, the current tire inflation pressure is set as the benchmark pressure.

■ How to initialize the tire pressure warning system


- 1** Park the vehicle in a safe place and stop the EV system for 20 minutes or more.

Initialization cannot be performed while the vehicle is moving.

- 2** Adjust the tire inflation pressure to the specified cold tire inflation pressure level.

Make sure to adjust the tire pressure to the specified cold tire inflation pressure level. The tire pressure warning system will operate based on this pressure level.


- 3** Start the EV system (→P.226)

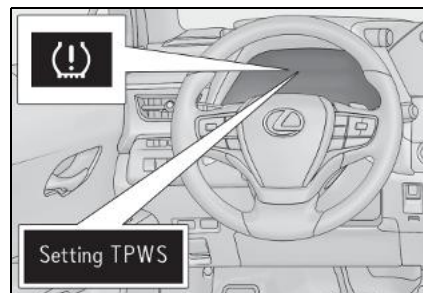
- 4** Press **<** or **>** of the meter control switches and select .

- 5** Press **▲** or **▼** of the meter control switches and select **Vehicle Settings**, and then press **OK**.

- 6** Press **▲** or **▼** of the meter control switches and select **TPWS**, and then press **OK**.

- 7** Press **▲** or **▼** of the meter control switches and select **Set Pressure**, and then press and hold **OK** until the tire pressure warning light starts blinking.

A message is displayed on the multi-information display. Also,  is displayed for inflation pressure of each tire on the multi-information display while the tire pressure warning system determines the position.



- 8** Drive at approximately 40 km/h (25 mph) or more for approximately 10 to 30 minutes.

When initialization is complete, the inflation pressure of each tire will be displayed on the multi-information display.

Even if the vehicle is not driven at approximately 40 km/h (25 mph) or more, initialization can be completed by driving for a long time. However, if initialization does not complete after driving for 1 hour or more, park the vehicle in a safe place for approximately 20 minutes and then drive the vehicle again.

■ When initializing

- Initialization is performed while driving at a vehicle speed of approximately 40 km/h (25 mph) or more.
- Make sure to carry out initialization after adjusting the tire inflation pressure. Also, make sure the tires are cold before carrying out initialization or tire inflation pressure adjustment.
- The tire pressure warning system can be initialized by yourself, but depending on the driving conditions and driving environment, initialization may take some time to complete.

■ The initialization operation

- If you have accidentally turned the power switch off during initialization, it is not necessary to manually restart the initialization again, as initialization will restart automatically the next time the power switch is turned to ON.
- If you accidentally perform initialization when initialization is not necessary, adjust the tire inflation pressure to the specified level when the tires are cold, and conduct initialization again.
- While the position of each tire is being determined and the inflation pressures are not being displayed on the multi-information display, if the inflation pressure of a tire drops, the tire pressure warning light will come on.

■ If the tire pressure warning system is not initialized properly

- In the following situations, initialization may take longer than usual to be com-

pleted or may not be possible. Normally, initialization completes within approximately 30 minutes.

Vehicle is not driven at approximately 40 km/h (25 mph) or more

Vehicle is driven on unpaved roads

Vehicle is driven near other vehicles and system cannot recognize tire pressure warning valve and transmitters of your vehicle over those of other vehicles

If initialization does not complete after driving for 1 hour or more, park the vehicle in a safe place for approximately 20 minutes and then drive the vehicle again.

- If the vehicle is reversed during initialization, the data up to that point is reset, so perform the initialization procedure again from the beginning.

- In the following situations, initialization will not be started or was not completed properly and the system will not operate properly. Perform the initialization procedure again.

If, when attempting to start initialization, the tire pressure warning light does not blink 3 times.

If, when the vehicle has been driven for about 20 minutes after performing initialization, the tire pressure warning light blinks for approximately 1 minute and then illuminates.

If the inflation pressure of each tire is still not displayed, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

WARNING


■ When initializing the tire pressure warning system

Do not initialize tire inflation pressure without first adjusting the tire inflation pressure to the specified level. Otherwise, the tire pressure warning light may not come on even if the tire inflation pressure is low, or it may come on when the tire inflation pressure is actually normal.

Registering ID codes

The tire pressure warning valve and transmitter is equipped with a unique ID code. When replacing a tire pressure warning valve and transmitter, it is necessary to register the ID code.

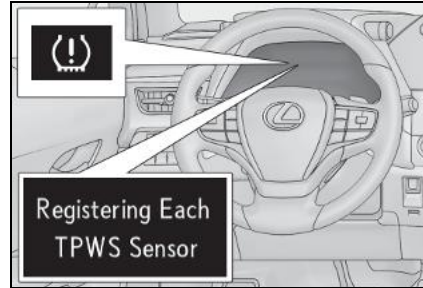
When registering the ID codes, perform the following procedure.

- 1 Park the vehicle in a safe place, wait for approximately 20 minutes, and then start the EV system. (→P.226)
- 2 Press **<** or **>** of the meter control switches and select .
- 3 Press **▲** or **▼** of the meter control switches and select **Vehicle Settings**, and then press **OK**.
- 4 Press **▲** or **▼** of the meter control switches and select **TPWS**, and then press **OK**.
- 5 Press **▲** or **▼** of the meter control switches and select **Change Wheel Set**, and then press and hold **OK** until the tire pressure warning light starts slowly blinking 3 times.

The change wheel set mode is activated and registration is started.

A message is displayed on the multi-information display, and -- is displayed for inflation pressure of each tire. Then, the tire pressure warning light blinks rapidly for

approximately 1 minute and stays on.



- 6 Drive at approximately 40 km/h (25 mph) or more for approximately 10 to 30 minutes.

Registration is complete when the tire pressure warning light turns off and the inflation pressure of each tire is displayed on the multi-information display.

Even if the vehicle is not driven at approximately 40 km/h (25 mph) or more, registration can be completed by driving for a long time. However, if registration does not complete after driving for 1 hour or more, perform the procedure again from the beginning.

- 7 Initialize the tire pressure warning system. (→P.397)

■ When registering ID codes

- ID code registration is performed while driving at a vehicle speed of approximately 40 km/h (25 mph) or more.
- Before performing ID code registration, make sure that no wheels with tire pressure warning valve and transmitters installed are near the vehicle.
- Make sure to initialize the tire pressure warning system after registering the ID codes. If the system is initialized before registering the ID codes, the initialized values will be invalid.
- ID codes can be registered by yourself, but depending on the driving conditions and driving environment, registration may take some time to complete.

■ Canceling ID code registration

- To cancel ID code registration after it has been started, turn the power switch off before driving the vehicle. If the vehicle is driven after ID code registration is started, to cancel registration, perform the ID code registration start procedure again and turn the power switch off before driving.
- If ID code registration has been canceled, the tire pressure warning light will blink for approximately 1 minute when the power switch is turned to ON and then illuminate. The tire pressure warning system will be operational when the tire pressure warning light turns off.
- If the warning light does not turn off even after several minutes have elapsed, ID code registration may not have been canceled correctly. To cancel registration, perform the ID code registration start procedure again and then turn the power switch off before driving.

■ If ID codes are not registered properly

- In the following situations, ID code registration may take longer than usual to be completed or may not be possible. Normally, registration completes within approximately 30 minutes.
 - Vehicle is not parked for approximately 20 minutes or more before driving
 - Vehicle is not driven at approximately 40 km/h (25 mph) or more
 - Vehicle is driven on unpaved roads
 - Vehicle is driven near other vehicles and system cannot recognize tire pressure warning valves and transmitters of your vehicle over those of other vehicles
 - Wheel with tire pressure warning valve and transmitter installed is inside or near the vehicle
- If registration does not complete after driving for 1 hour or more, perform the ID code registration procedure again from the beginning.
- If the vehicle is reversed during registration, the data up to that point is reset, so perform the registration procedure again from the beginning.

- In the following situations, ID code registration will not be started or was not completed properly and the system will not operate properly. Perform the ID code registration procedure again.
 - If, when attempting to start ID code registration, the tire pressure warning light does not blink slowly 3 times.
 - If, when the vehicle has been driven for about 20 minutes after performing ID code registration, the tire pressure warning light blinks for approximately 1 minute and then illuminates.
- If ID code registration cannot be completed after performing the above procedure, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Replacing the tire

When raising your vehicle with a jack, position the jack correctly.

Improper placement may damage your vehicle or cause injury.

If necessary tire replacement seems difficult to perform, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Before jacking up the vehicle

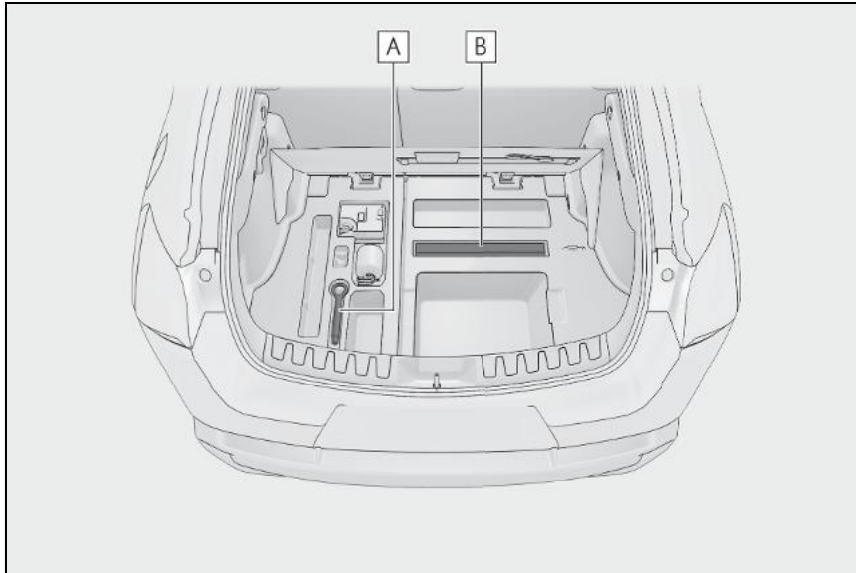
- Stop the vehicle in a safe place on a hard, flat surface.
- Set the parking brake.
- Shift the shift position to P.
- Turn off the intrusion sensor and tilt sensor (if equipped) (→P.75)
- Stop the EV system.

■ Tools

As your vehicle is equipped with an emergency tire puncture repair kit, the following tools for replacing a tire are not included with your vehicle. They can be purchased at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- Wheel nut wrench
- Jack
- Jack handle

Location of the tools



A Towing eyelet

B Jack * /Jack handle * /Wheel nut wrench *

* : They can be purchased at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

⚠ WARNING

■ Using the tire jack

Observe the following precautions.

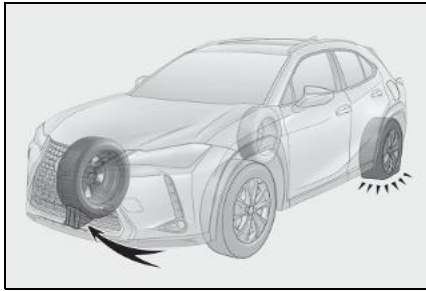
Improper use of the tire jack may cause the vehicle to suddenly fall off the jack, leading to death or serious injury.

- Do not use the tire jack for any purpose other than replacing tires or installing and removing tire chains.
- Do not use other tire jacks for replacing tires on this vehicle.
- Put the jack properly in its jack point.
- Do not put any part of your body under the vehicle while it is supported by the jack.

- Do not start the EV system or drive the vehicle while the vehicle is supported by the jack.
- Do not raise the vehicle while someone is inside.
- When raising the vehicle, do not put an object on or under the jack.
- Do not raise the vehicle to a height greater than that required to replace the tire.
- Use a jack stand if it is necessary to get under the vehicle.
- When lowering the vehicle, make sure that there is no-one near the vehicle. If there are people nearby, warn them vocally before lowering.

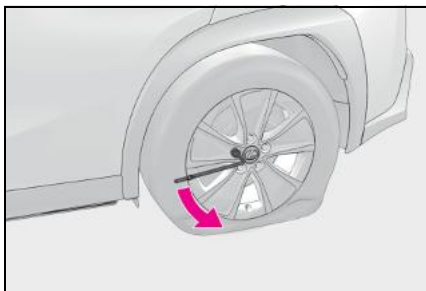
Replacing a flat tire

1 Chock the tires.



Tire	Wheel chock positions
Front left-hand	Behind the rear right-hand side tire
Front right-hand	Behind the rear left-hand side tire
Rear left-hand	In front of the front right-hand side tire
Rear right-hand	In front of the front left-hand side tire

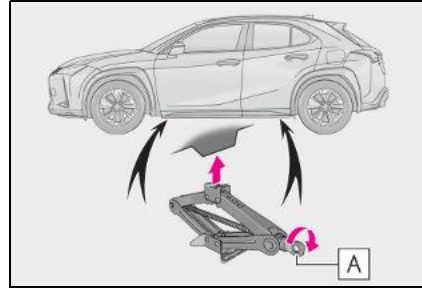
2 Slightly loosen the wheel nuts (one turn).



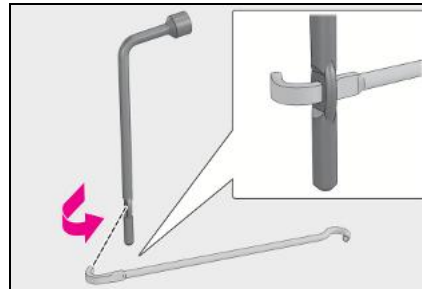
3 Turn the tire jack portion **A** by hand until the notch of the jack is in contact with the jack point.

The jack point guides are located under

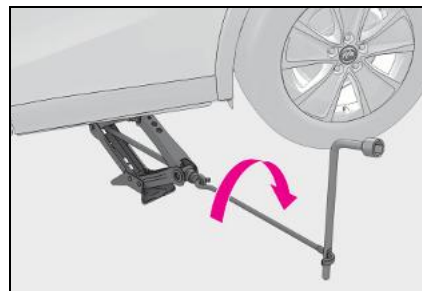
the rocker panel. They indicate the jack point positions.



4 Install the wheel nut wrench in jack handle.

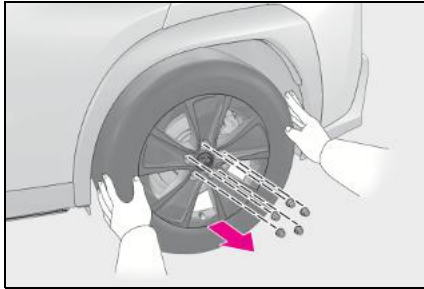


5 Raise the vehicle until the tire is slightly raised off the ground.



- 6 Remove all the wheel nuts and the tire.

When resting the tire on the ground, place the tire so that the wheel design faces up to avoid scratching the wheel surface.



⚠ WARNING

■ **Replacing a flat tire**

- Do not touch the disc wheels or the area around the brakes immediately after the vehicle has been driven. After the vehicle has been driven the disc wheels and the area around the brakes will be extremely hot. Touching these areas with hands, feet or other body parts while changing a tire, etc. may result in burns.

- Failure to follow these precautions could cause the wheel nuts to loosen and the tire to fall off, resulting in death or serious injury.

Never use oil or grease on the wheel bolts or wheel nuts.

Oil and grease may cause the wheel nuts to be excessively tightened, leading to bolt or disc wheel damage. In addition, the oil or grease can cause the wheel nuts to loosen and the wheel may fall off, causing a serious accident. Remove any oil or grease from the wheel bolts or wheel nuts.

Have the wheel nuts tightened with a torque wrench to 103 N·m (10.5 kgf·m, 76 ft·lbf) as soon as possible after changing wheels.

When installing a tire, only use wheel nuts that have been specifically designed for that wheel.

If there are any cracks or deformations in the bolt screws, nut threads or bolt holes of the wheel, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Do not attach a heavily damaged wheel ornament, as it may fly off the wheel while the vehicle is moving.

■ **Replacing a flat tire for vehicles with power back door**

In cases such as when replacing tires, make sure to cancel the power back door system (→P.195). Failure to do so may cause the back door to operate unintentionally if the power back door switch is accidentally touched, resulting in hands and fingers being caught and injured.

⚠ NOTICE

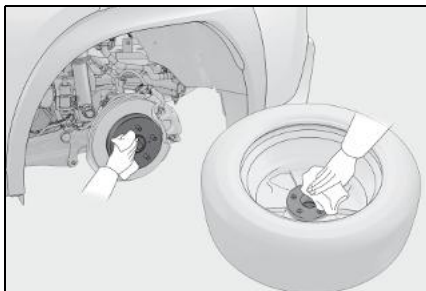
■ **Repairing or replacing tires, wheels, tire pressure warning valves, transmitters and tire valve caps**

→P.396

Installing the tire

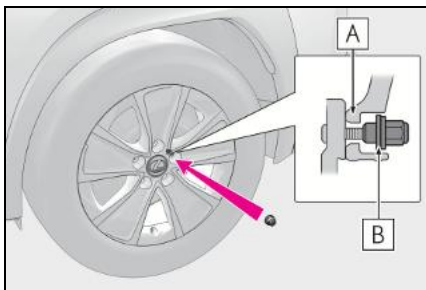
- 1 Remove any dirt or foreign matter from the wheel contact surface.

If foreign matter is on the wheel contact surface, the wheel nuts may loosen while the vehicle is in motion, causing the tire to come off.



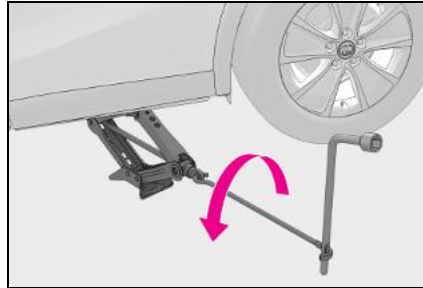
- 2 Install the tire and loosely tighten each wheel nut by hand by approximately the same amount.

Turn the wheel nuts until the washers come into contact with the disc wheel.



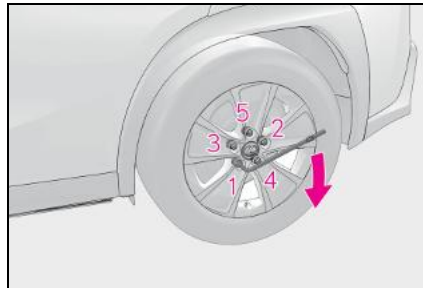
- A** Disc wheel
- B** Washer

- 3 Lower the vehicle.



- 4 Firmly tighten each wheel nut two or three times in the order shown in the illustration.

Tightening torque:
103 N m (10.5 kgf m, 76 ft lbf)



- 5 Stow all the tools.

Tire inflation pressure

Make sure to maintain proper tire inflation pressure. Tire inflation pressure should be checked at least once per month. However, Lexus recommends that tire inflation pressure be checked once every two weeks.

■ Effects of incorrect tire inflation pressure

Driving with incorrect tire inflation pressure may result in the following:

- Reduced electricity consumption efficiency
- Reduced driving comfort and poor handling
- Reduced tire life due to wear
- Reduced safety
- Damage to the drive train

If a tire needs frequent inflating, have it checked by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ Instructions for checking tire inflation pressure

When checking tire inflation pressure, observe the following:

- Check only when the tires are cold. If your vehicle has been parked for at least 3 hours or has not been driven for more than 1.5 km or 1 mile, you will get an accurate cold tire inflation pressure reading.
- Always use a tire pressure gauge. It is difficult to judge if a tire is properly inflated based only on its appearance.
- It is normal for the tire inflation pressure to be higher after driving as heat is generated in the tire. Do not reduce tire inflation pressure after driving.
- Passengers and luggage weight should

be placed so that the vehicle is balanced.

WARNING

■ Proper inflation is critical to save tire performance

Keep your tires properly inflated. If the tires are not properly inflated, the following conditions may occur which could lead to an accident resulting in death or serious injury:

- Excessive wear
- Uneven wear
- Poor handling
- Possibility of blowouts resulting from overheated tires
- Air leaking from between tire and wheel
- Wheel deformation and/or tire damage
- Greater possibility of tire damage while driving (due to road hazards, expansion joints, sharp edges in the road, etc.)

NOTICE

■ When inspecting and adjusting tire inflation pressure

Be sure to put the tire valve caps back on.

If a valve cap is not installed, dirt or moisture may get into the valve and cause an air leak, resulting in decreased tire inflation pressure.

Wheels

If a wheel is bent, cracked or heavily corroded, it should be replaced. Otherwise, the tire may separate from the wheel or cause a loss of handling control.

Wheel selection

When replacing wheels, care should be taken to ensure that they are equivalent to those removed in load capacity, diameter, rim width and inset^{*}. Replacement wheels are available at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

^{*}: Conventionally referred to as offset.

Lexus does not recommend using the following:

- Wheels of different sizes or types
- Used wheels
- Bent wheels that have been straightened

When replacing wheels

The wheels of your vehicle are equipped with tire pressure warning valves and transmitters that allow the tire pressure warning system to provide advance warning in the event of a loss in tire inflation pressure. Whenever wheels are replaced, tire pressure warning valves and transmitters must be installed. (→P.396)

WARNING

When replacing wheels

- Do not use wheels that are a different size from those recommended in the Owner's Manual, as this may result in a loss of handling control.
- Never use an inner tube in a leaking wheel which is designed for a tubeless tire. Doing so may result in an accident, causing death or serious injury.

Use of defective wheels prohibited

Do not use cracked or deformed wheels. Doing so could cause the tire to leak air during driving, possibly causing an accident.

NOTICE

Replacing tire pressure warning valves and transmitters

- Because tire repair or replacement may affect the tire pressure warning valves and transmitters, make sure to have tires serviced by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer or other qualified service shop. In addition, make sure to purchase your tire pressure warning valves and transmitters at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- Ensure that only genuine Lexus wheels are used on your vehicle. Tire pressure warning valves and transmitters may not work properly with non-genuine wheels.

Aluminum wheel precautions

- Use only Lexus wheel nuts and wrenches designed for use with your aluminum wheels.
- When rotating, repairing or chang-

ing your tires, check that the wheel nuts are still tight after driving 1600 km (1000 miles).

- Be careful not to damage the aluminum wheels when using tire chains.
- Use only Lexus genuine balance weights or equivalent and a plastic or rubber hammer when balancing your wheels.

Air conditioning filter

The air conditioning filter must be changed regularly to maintain air conditioning efficiency.

Removing the air conditioning filter

- 1 Turn the power switch off.

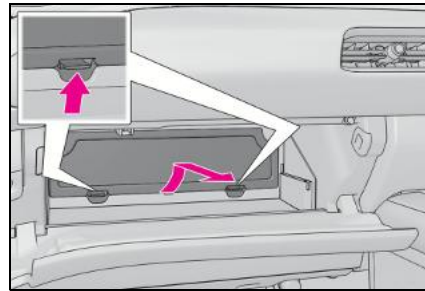
Confirm that the charging connector is not connected. Also, do not use the Remote Air Conditioning System during the procedure.

- 2 Open the front passenger's door.

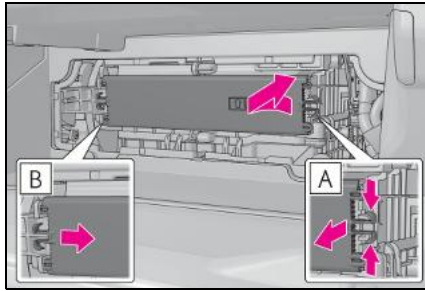
By keeping the door open, unexpected operation of the Remote Air Conditioning System can be prevented. (→P.349)

- 3 Open the glove box. Remove the partition. (→P.358)

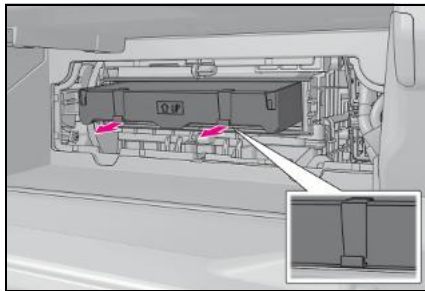
- 4 Remove the panel.



- 5** Unlock the filter cover (A), pull the filter cover out of the claws (B), and remove the filter cover.

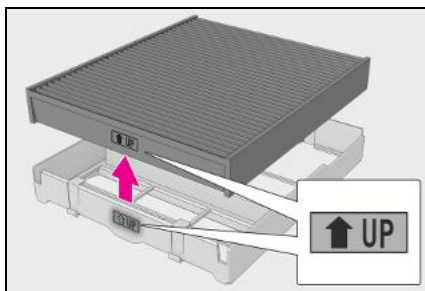


- 6** Remove the filter case.



- 7** Remove the air conditioning filter from the filter case and replace it with a new one.

The ↑ UP marks shown on the filter and the filter case should be pointing up.



■ **Checking interval**

Inspect and replace the air conditioning filter according to the maintenance schedule.

In dusty areas or areas with heavy traffic flow, early replacement may be required. (For scheduled maintenance information, please refer to the Lexus Service Booklet or Lexus Warranty Booklet.)

■ **If air flow from the vents decreases dramatically**

The filter may be clogged. Check the filter and replace if necessary.

■ **Air conditioning filter with deodorizing function**

When fragrances are placed in your vehicle, the deodorizing effect may become significantly weakened in a short period. When an air conditioning odor comes out continuously, replace the air conditioning filter.

⚠ WARNING

■ **When replacing the air conditioning filter**

Observe the following precautions. Failure to do so may result in the air conditioning system operating during the procedure, possibly resulting in injury.

- Check that the charging connector is not connected

The air conditioning may operate due to the air conditioning-linked setting (→P.128) or the traction battery cooler setting (→P.110).

- Do not use the Remote Air Conditioning System

⚠ NOTICE

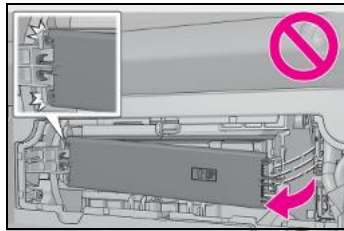
■ **When using the air conditioning system**

Make sure that a filter is always installed. Using the air conditioning system without a filter may cause damage to the system.

 NOTICE

■ **To prevent damage to the filter cover**

When moving the filter cover in the direction of arrow to release the fitting, pay attention not to apply excessive force to the claws. Otherwise, the claws may be damaged.



Electronic key battery

Replace the battery with a new one if it is depleted.

■ **If the electronic key battery is depleted**

The following symptoms may occur:

- The smart entry & start system and wireless remote control will not function properly.
- The operational range will be reduced.

■ **When the card key battery needs to be replaced (if equipped)**

The battery for the card key is available only at Lexus dealers. Your Lexus dealer can replace the battery for you.

Items to prepare

Prepare the following before replacing the battery:

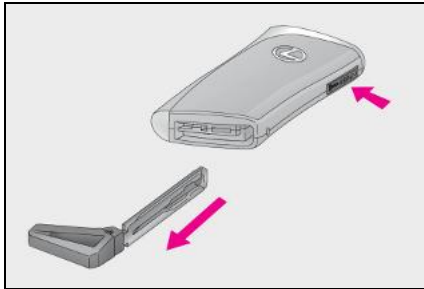
- Flathead screwdriver
- Small flathead screwdriver
- Lithium battery CR2032

■ **Use a CR2032 lithium battery**

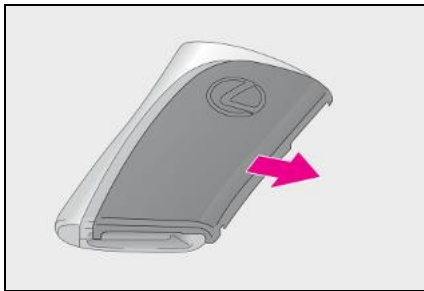
- Batteries can be purchased at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer, local electrical appliance shops or camera stores.
- Replace only with the same or equivalent type recommended by the manufacturer.
- Dispose of used batteries according to the local laws.

Replacing the battery

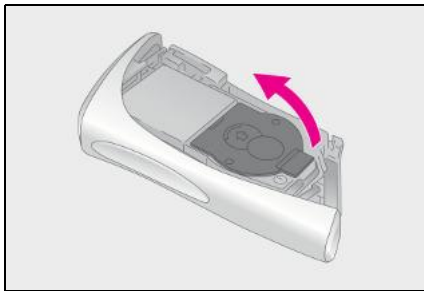
- 1 Take out the mechanical key.



- 2 Remove the cover.



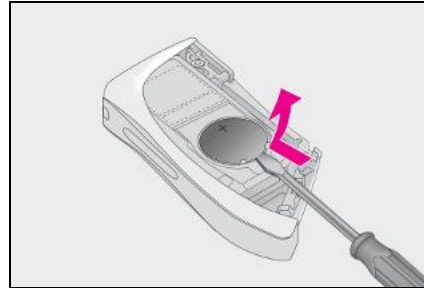
- 3 Remove the battery cover.



- 4 Remove the depleted battery using the small flathead screwdriver.

Insert a new battery with the + terminal

facing up.



⚠ WARNING

■ Battery precautions

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

- Do not swallow the battery. Doing so may cause chemical burns.
- A coin battery or button battery is used in the electronic key. If a battery is swallowed, it may cause severe chemical burns in as little as 2 hours and may result in death or serious injury.
- Keep away new and removed batteries from children.
- If the cover cannot be firmly closed, stop using the electronic key and stow the key in the place where children cannot reach, and then contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- If you accidentally swallow a battery or put a battery into a part of your body, get emergency medical attention immediately.

■ To prevent battery explosion or leakage of flammable liquid or gas

- Replace the battery with a new battery of the same type. If a wrong type of battery is used, it may explode.

⚠ WARNING

- Do not expose batteries to extremely low pressure due to high altitude or extremely high temperatures.
- Do not burn, break or cut a battery.

■ **Certification for the electronic key battery**

CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

⚠ NOTICE

■ **When replacing the battery**

Use a screwdriver of appropriate size. Applying excessive force may deform or damage the cover.

■ **For normal operation after replacing the battery**

Observe the following precautions to prevent accidents:

- Always work with dry hands. Moisture may cause the battery to rust.
- Do not touch or move any other component inside the remote control.
- Do not bend either of the battery terminals.

Checking and replacing fuses

If any of the electrical components do not operate, a fuse may have blown. If this happens, check and replace the fuses as necessary.

Checking and replacing fuses

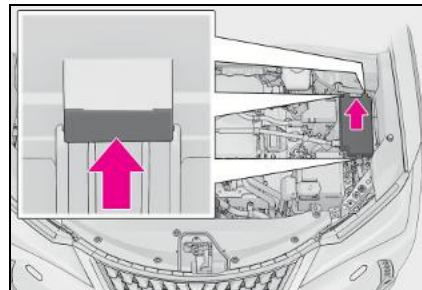
- 1 Turn the power switch off.

Confirm that the charging connector is not connected. Also, do not use the Remote Air Conditioning System during the procedure.

- 2 Open the fuse box cover.

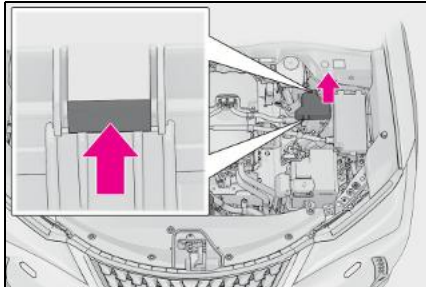
- ▶ Motor compartment: type A fuse box

Push the tab in and lift the lid off.

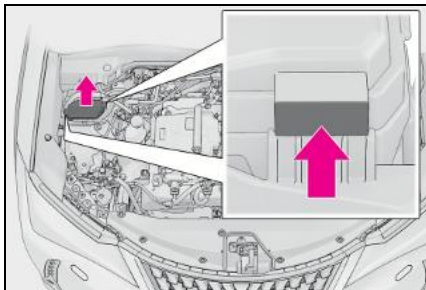


- ▶ Motor compartment: type B fuse box

Push the tab in and lift the lid off.



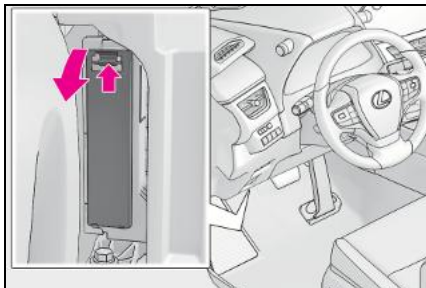
- ▶ Motor compartment: type C fuse box



Push the tab in and lift the lid off.

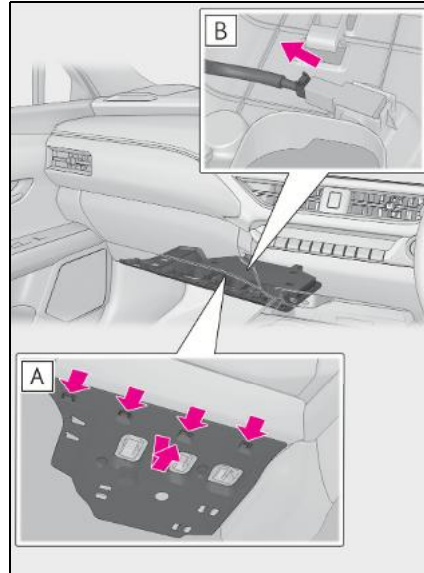
- ▶ Left side instrument panel (left-hand drive vehicles)

Remove the lid.

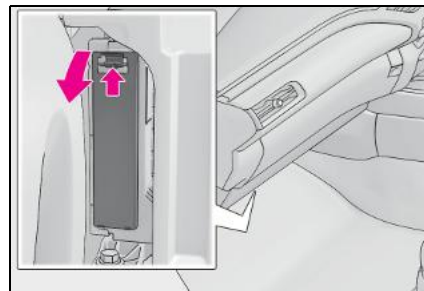


- ▶ Left side instrument panel (right-hand drive vehicles)

Remove the cover **A** and then remove the connector **B**.

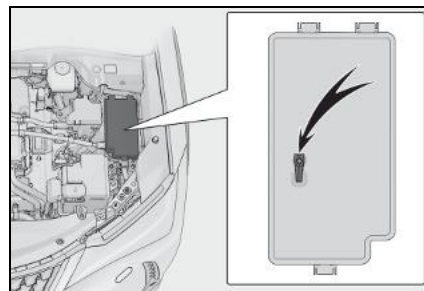


Remove the lid.



- 3 Remove the fuse.

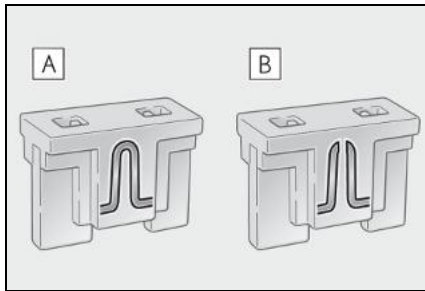
Only type A fuse can be removed using the pullout tool.



4 Check if the fuse is blown.

Replace the blown fuse with a new fuse of an appropriate amperage rating. The amperage rating can be found on the fuse box lid.

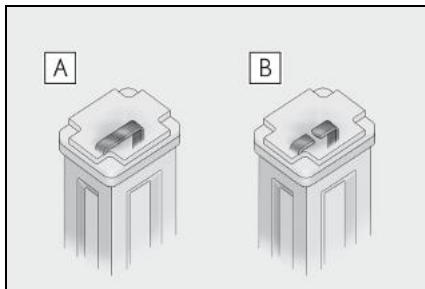
► Type A



A Normal fuse

B Blown fuse

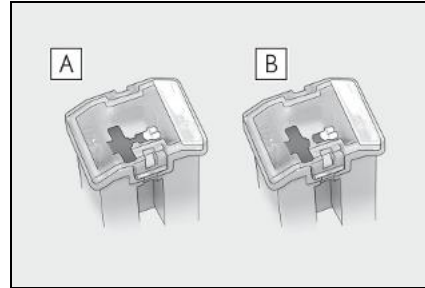
► Type B



A Normal fuse

B Blown fuse

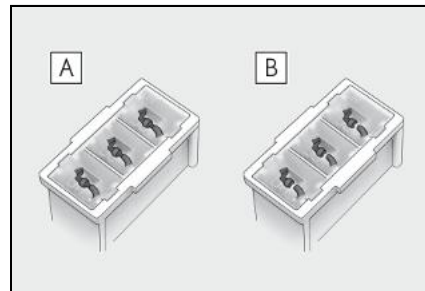
► Type C



A Normal fuse

B Blown fuse

► Type D



A Normal fuse

B Blown fuse

■ After a fuse is replaced

- When installing the lid, make sure that the tab is installed securely.
- If the lights do not turn on even after the fuse has been replaced, a bulb may need replacement.
- If the replaced fuse blows again, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ If there is an overload in a circuit

The fuses are designed to blow, protecting the wiring harness from damage.

■ When replacing light bulbs

Lexus recommends that you use genuine Lexus products designed for this vehicle. Because certain bulbs are connected to circuits designed to prevent overload, non-genuine parts or parts not designed for this vehicle may be unusable.

WARNING

■ To prevent system breakdowns and vehicle fire

Observe the following precautions. Failure to do so may cause damage to the vehicle, and possibly a fire or injury.

- Never use a fuse of a higher amperage rating than that indicated, or use any other object in place of a fuse.
- Always use a genuine Lexus fuse or equivalent. Never replace a fuse with a wire, even as a temporary fix.
- Do not modify the fuses or fuse boxes.

■ Fuse box near the power control unit

Never check or replace the fuses as there are high voltage parts and wiring near the fuse box. Doing so may cause electric shock, resulting in death or serious injury.

NOTICE

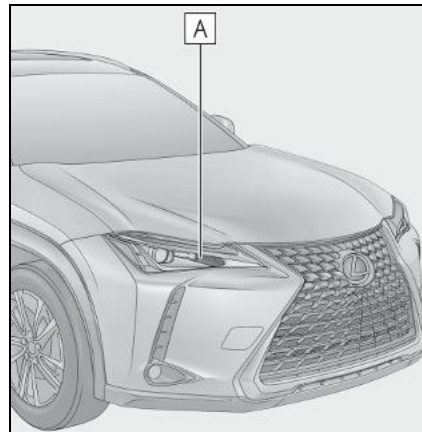
■ Before replacing fuses

Have the cause of electrical overload determined and repaired by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as soon as possible.

Light bulbs

You may replace the following bulbs by yourself. Before replacing, check the wattage of the light bulb to be replaced. As there is a danger that components may be damaged, we recommend that replacement is carried out by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Bulb location



A Front turn signal light (vehicles with single-beam headlights)

■ Bulbs that need to be replaced by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer

- Headlights
- Front position lights and daytime running lights
- Front turn signal lights (vehicles with

triple-beam headlights)

- Front fog lights (if equipped)
- Cornering lights (if equipped)
- Side turn signal lights
- Tail lights
- Stop lights
- Tail lights/stop lights
- Rear turn signal lights
- Rear fog lights
- Back-up lights
- High mounted stoplight
- License plate lights

■ LED lights

Vehicles with single-beam headlights: The lights other than the front turn signal light each consist of a number of LEDs. If any of the LEDs burn out, take your vehicle to any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer to have the light replaced.

Vehicles with triple-beam headlights: The lights consist of a number of LEDs. If any of the LEDs burn out, take your vehicle to any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer to have the light replaced.

■ Condensation build-up on the inside of the lens

Temporary condensation build-up on the inside of the headlight lens does not indicate a malfunction. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for more information in the following situations:

- Large drops of water have built up on the inside of the lens.
- Water has built up inside the headlight.

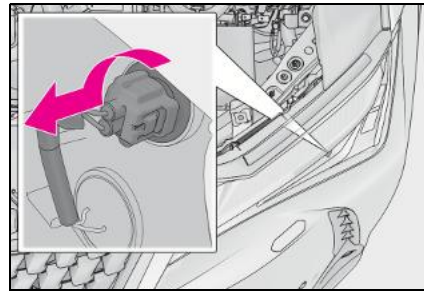
■ When replacing light bulbs

→P.415

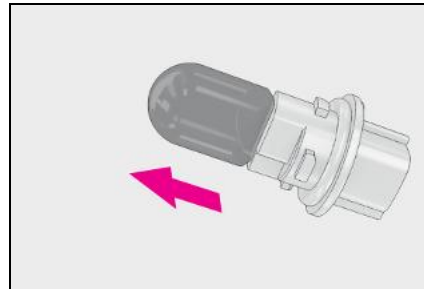
Replacing light bulb

■ 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.

When trouble arises

8

8-1. Essential informationEmergency flashers **420**If your vehicle has to be stopped
in an emergency **420**If the vehicle is submerged or
water on the road is rising ... **421****8-2. Steps to take in an emergency**If your vehicle needs to be towed
..... **423**If you think something is wrong
..... **426**If a warning light turns on or a
warning buzzer sounds **428**If a warning message is displayed
..... **436**If you have a flat tire..... **440**If the EV system will not start. **451**If you lose your keys..... **453**If the charging port lids cannot be
opened **453**If the electronic key does not
operate properly **454**If the 12-volt battery is discharged
..... **457**If your vehicle overheats..... **461**If the vehicle becomes stuck **463**

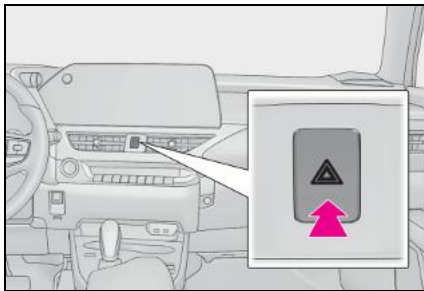
Emergency flashers

The emergency flashers are used to warn other drivers when the vehicle has to be stopped in the road due to a breakdown, etc.

Operating instructions

Press the switch.

All the turn signal lights will flash. To turn them off, press the switch once again.



Emergency flashers

- If the emergency flashers are used for a long time while the EV system is not operating (while the READY indicator is not illuminated), the 12-volt battery may discharge.
- If any of the SRS airbags deploy (inflate) or in the event of a strong rear impact, the emergency flashers will turn on automatically. The emergency flashers will turn off automatically after operating for approximately 20 minutes. To manually turn the emergency flashers off, press the switch twice.

(The emergency flashers may not turn on automatically depending on the force of the impact and conditions of the collision.)

If your vehicle has to be stopped in an emergency

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

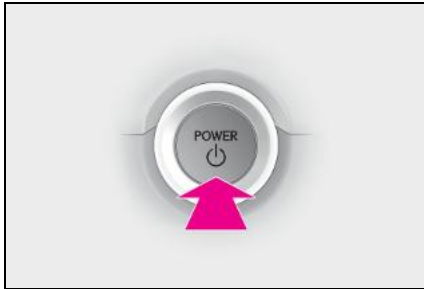
Stopping the vehicle

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

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

- 2 Shift the shift position to N.
 - ▶ If the shift position is shifted to N
- 3 After slowing down, stop the vehicle in a safe place by the road.
- 4 Stop the EV system.
 - ▶ If the shift position cannot be shifted to N
- 3 Keep depressing the brake pedal with both feet to reduce vehicle speed as much as possible.
- 4 To stop the EV system, press and hold the power switch for 2 consecutive seconds or more, or press

it briefly 3 times or more in succession.



- 5 Stop the vehicle in a safe place by the road.

WARNING

■ If the EV system has to be turned off while driving

Power assist for the steering wheel will be lost, making the steering wheel heavier to turn. Decelerate as much as possible before turning off the EV system.

If the vehicle is 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 can not 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 motor stops, and the vehicle may not be able to get moving.

■ **Using an emergency escape hammer^{*1}**

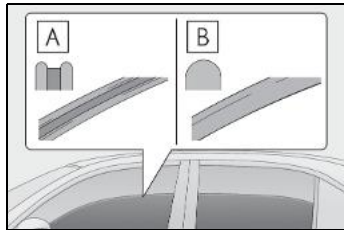
Laminated glass^{*2} is used in the windshield and front side windows on this vehicle. Laminated glass cannot be shattered with an emergency hammer^{*1}.

^{*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.228)
- There is a malfunction in the immobilizer system. (→P.72)
- There is a malfunction in the smart entry & start system. (→P.454)
- The 12-volt battery is discharged. (→P.457)

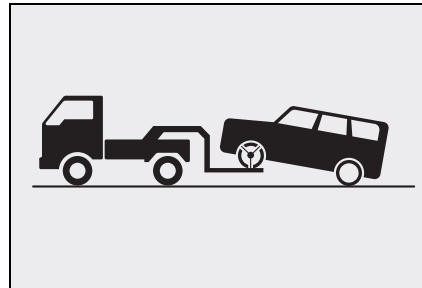
Situations when it is necessary to contact dealers before towing

The following may indicate a problem with your transmission. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer or commercial towing service before towing.

- The EV system warning message is shown on the multi-information display and the vehicle does not move.
- The vehicle makes an abnormal sound.

Towing with a wheel-lift type truck

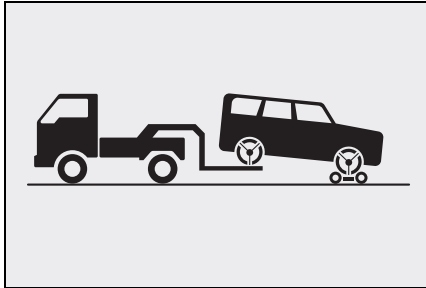
- ▶ From the front



Release the parking brake.

Turn automatic mode off. (→P.237)

► From the rear



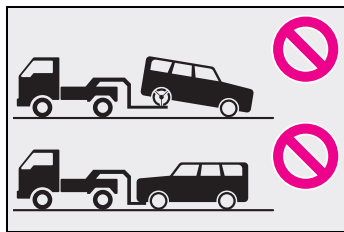
Use a towing dolly under the front wheels.

⚠ WARNING

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

■ **When towing the vehicle**

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.



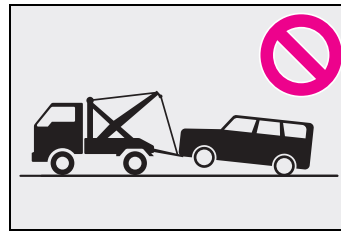
⚠ NOTICE

■ **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 tem-

porarily towed using cables or chains secured to the emergency towing eyelets. This should only be attempted on hard surfaced roads for short distances at under 30 km/h (18 mph).

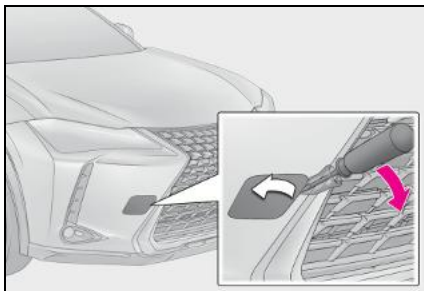
A driver must be in the vehicle to steer and operate the brakes. The vehicle's wheels, drive train, axles, steering and brakes must be in good condition.

Emergency towing procedure

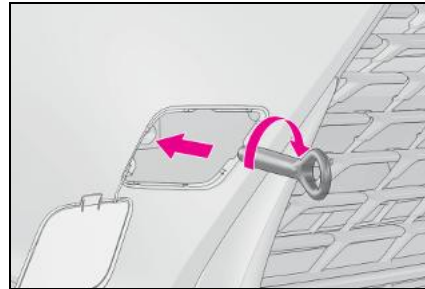
To have your vehicle towed by another vehicle, the towing eyelet must be installed to your vehicle. Install the towing eyelet using the following procedure.

- 1 Take out the towing eyelet. (→P.442)
- 2 Remove the eyelet cover using a flathead screwdriver.

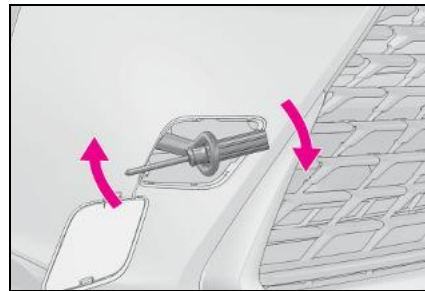
To protect the bodywork, place a rag between the screwdriver and the vehicle body as shown in the illustration.



- 3 Insert the towing eyelet into the hole and tighten partially by hand.



- 4 Tighten down the towing eyelet securely using a hard metal bar.



- 5 Securely attach cables or chains to the towing eyelet.

Take care not to damage the vehicle body.

- 6 Enter the vehicle being towed and start the EV system.

If the EV system does not start, turn the power switch to ON.

- 7 Shift the shift position to N and release the parking brake.

Turn automatic mode off. (→P.237)

■ While towing

If the EV system is off, the power assist for the brakes and steering will not function, making steering and braking more difficult.

■ Wheel nut wrench

Wheel nut wrench can be purchased at any authorized Lexus retailer or Lexus autho-

rized 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 eyelets, cables or chains. The towing eyelets, cables or chains may become damaged, broken debris may hit people, and cause serious damage.
- Do not turn the power switch off.

This may lead to an accident as the front wheels will be locked by the parking lock.

■ **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

Audible symptoms

- Excessive tire squeal when cornering
- Strange noises related to the suspension system
- Other noises related to the EV system

Operational symptoms

- Stumbling or running roughly
- Appreciable loss of power
- Vehicle pulls heavily to one side when braking
- Vehicle pulls heavily to one side when driving on a level road


- Loss of brake effectiveness, spongy feeling, pedal almost touches the floor

If a warning light turns on or a warning buzzer sounds


Calmly perform the following actions if any of the warning lights comes on or flashes. If a light comes on or flashes, but then goes off, this does not necessarily indicate a malfunction in the system. However, if this continues to occur, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Actions to the warning lights or warning buzzers

■ Brake system warning light (warning buzzer)


Warning light	Details/Actions
 <p>(red)</p>	<p>Indicates that:</p> <ul style="list-style-type: none"> ● The brake fluid level is low; or ● The brake system is malfunctioning <p>→ 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.</p>

■ 12-volt battery charging system warning light* (warning buzzer)


Warning light	Details/Actions
	<p>Indicates a malfunction in the 12-volt battery charging system</p> <p>→ Immediately stop the vehicle in a safe place and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.</p>

* : This light illuminates on the multi-information display.


■ Tire pressure warning light

Warning light	Details/Actions
	<p>When the light comes on after blinking for approximately 1 minute: Malfunction in the tire pressure warning system → Have the system checked by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.</p> <p>When the light comes on: Low tire inflation pressure such as</p> <ul style="list-style-type: none"> ● Natural causes ● Flat tire <p>→ Immediately stop the vehicle in a safe place. (→P.434)</p>


■ Brake system warning light (warning buzzer)

Warning light	Details/Actions
 <p>(yellow)</p>	<p>Indicates a malfunction in:</p> <ul style="list-style-type: none"> ● The regenerative braking system; ● The electronically controlled brake system; or ● The parking brake system <p>→ Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.</p>



■ SRS warning light (warning buzzer)

Warning light	Details/Actions
	<p>Indicates a malfunction in:</p> <ul style="list-style-type: none"> ● The SRS airbag system; or ● The seat belt pretensioner system <p>→ Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.</p>


■ ABS warning light (warning buzzer)

Warning light	Details/Actions
	<p>Indicates a malfunction in:</p> <ul style="list-style-type: none"> ● The ABS; or ● The brake assist system <p>→ Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.</p>


■ Electric power steering system warning light (warning buzzer)

Warning light	Details/Actions
 (red) or  (yellow)	Indicates a malfunction in the EPS (Electric Power Steering) system → Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.


■ Slip indicator

Warning light	Details/Actions
	Indicates a malfunction in: ● The VSC system; ● The TRC system; or ● The hill-start assist control system → Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.


■ Parking brake indicator

Warning light	Details/Actions
 (flashes)	Indicates a malfunction in the parking brake system → Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.


■ Brake hold operated indicator (warning buzzer)

Warning light	Details/Actions
 (flashes)	Indicates a malfunction in the brake hold system → Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.


■ Lexus parking assist-sensor OFF indicator (warning buzzer)

Warning light	Details/Actions
 <p>(flashes) (if equipped)</p>	<p>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.</p> <p>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.307)</p>


■ RCTA OFF indicator (warning buzzer)

Warning light	Details/Actions
 <p>(flashes) (if equipped)</p>	<p>When a buzzer sounds: Indicates a malfunction in the RCTA (Rear Crossing Traffic Alert) function → Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.</p> <p>When a buzzer does not sound: Indicates that the rear bumper around the radar sensor is covered with dirt, etc. (→P.300) → Follow the instructions displayed on the multi-information display. (→P.314)</p>


■ PKSB OFF indicator (warning buzzer)

Warning light	Details/Actions
 <p>(flashes) (if equipped)</p>	<p>When a buzzer sounds: Indicates a malfunction in the PKSB (Parking Support Brake) system → Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.</p> <p>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.322)</p>

■ Traction battery charge warning light (warning buzzer)

Warning light	Details/Actions
	<p>Indicates that the remaining charge of the traction battery is low and charging is required</p> <p>When the outside temperature is low, this light may turn on earlier than usual to urge the driver to charge the traction battery early.</p> <p>→ Charge the traction battery. (→P.109)</p>


■ Driver's and front passenger's seat belt reminder light (warning buzzer)*

Warning light	Details/Actions
	<p>Warns the driver and/or front passenger to fasten their seat belts</p> <p>→ Fasten the seat belt.</p> <p>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.</p>

* : 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
	<p>Warns the rear passengers to fasten their seat belts</p> <p>→ Fasten the seat belt.</p>

*¹: This light illuminates on the multi-information display. Regardless of whether or not a rear passenger is present, if the power switch is turned to ON with the rear seat belts unfastened, this light will also illuminate for a certain period of time.

*²: Rear passengers' seat belt warning buzzer:


The rear passengers' seat belt warning buzzer sounds to alert the rear passenger that his or her seat belt is not fastened. If the seat belt is unfastened, the buzzer sounds intermittently for a certain period of time after the vehicle reaches a certain speed.

■ Inappropriate pedal operation warning light* (warning buzzer)

Warning light	Details/Actions
	<p>When a buzzer sounds:</p> <ul style="list-style-type: none"> ● Brake Override System is malfunctioning ● Drive-Start Control is malfunctioning ● Drive-Start Control is operating ● PKSB (Parking Support Brake) (if equipped) is operating <p>→ Follow the instructions displayed on the multi-information display and head-up display (if equipped).</p> <p>When a buzzer does not sound:</p> <p>Brake Override System is operating</p> <p>→ Release the accelerator pedal and depress the brake pedal.</p>


*: This light illuminates on the multi-information display.

■ LTA indicator* (warning buzzer)

Warning light	Details/Actions
 <p>(orange)</p>	<p>Indicates a malfunction in the LTA (Lane Tracing Assist)</p> <p>→ Follow the instructions displayed on the multi-information display. (→P.283)</p>

*: This light illuminates on the multi-information display.

■ PCS warning light (warning buzzer)

Warning light	Details/Actions
 <p>(flashes or illuminates)</p>	<p>When a buzzer sounds simultaneously:</p> <p>Indicates a malfunction has occurred in the PCS (Pre-Collision System).</p> <p>→ Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.</p> <p>When a buzzer does not sound:</p> <p>The PCS (Pre-Collision System) has become temporarily unavailable, corrective action may be necessary.</p> <p>→ Follow the instructions displayed on the multi-information display. (→P.262, 439)</p> <p>If the PCS (Pre-Collision System) or VSC (Vehicle Stability Control) system is disabled, the PCS warning light will illuminate.</p> <p>→ P.274</p>

■ **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.440

If none of the tires are punctured:
Turn the power switch off then turn it to ON. Check if the tire pressure warning light comes on or blinks.

- ▶ If the tire pressure warning light blinks for approximately 1 minute then stays on

There may be a malfunction in the tire pressure warning system. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

- ▶ If the tire pressure warning light comes on

- 1 After the temperature of the tires has lowered sufficiently, check the inflation pressure of each tire and adjust them to the specified level.
- 2 If the warning light does not turn off even after several minutes have

elapsed, check that the inflation pressure of each tire is at the specified level and perform initialization. (→P.397)

■ **The tire pressure warning light may come on due to natural causes**

The tire pressure warning light may come on due to natural causes such as natural air leaks and tire inflation pressure changes caused by temperature. In this case, adjusting the tire inflation pressure will turn off the warning light (after a few minutes).

■ **Conditions that the tire pressure warning system may not function properly**

→P.395

 **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.

■ **If both the ABS and the brake system warning lights remain on**

Stop your vehicle in a safe place immediately and contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

The vehicle will become extremely unstable during braking, and the ABS system may fail, which could cause an accident resulting in death or serious injury.

 **WARNING****■ When the electric power steering system warning light comes on**

When the light comes on yellow, the assist to the power steering is restricted. When the light comes on red, the assist to the power steering is lost and handling operations of the steering wheel become extremely heavy.

When steering wheel operations are heavier than usual, grip the steering wheel firmly and operate it using more force than usual.

■ If the tire pressure warning light comes on

Be sure to observe the following precautions.

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

- Stop your vehicle in a safe place as soon as possible. Check and adjust the tire inflation pressure immediately.
- If the tire pressure warning light comes on even after tire inflation pressure adjustment, it is probable that you have a flat tire. Check the tires. If a tire is flat, repair the flat tire by using emergency tire puncture repair kit and have the flat tire repaired by the nearest authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- Avoid abrupt maneuvering and braking.
If the vehicle tires deteriorate, you could lose control of the steering wheel or the brakes.

■ If a blowout or sudden air leakage should occur

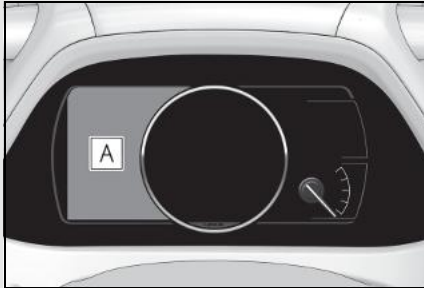
The tire pressure warning system may not activate immediately.

 **NOTICE****■ To ensure the tire pressure warning system operates properly**

Do not install tires with different specifications or makers, as the tire pressure warning system may not operate properly.

If a warning message is displayed

The multi-information display shows warnings of system malfunctions, incorrectly performed operations, and messages that indicate a need for maintenance. When a message is shown, perform the correction procedure appropriate to the message.



A Multi-information display

Follow the instructions of the message on the multi-information display.

If any of the warning messages are shown again after the following actions have been performed, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Messages and warnings

The warning lights and warning buzzers operate as follows depending on the content of the message. If a message indicates the need for inspection by a dealer, have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

Warning light	Warning buzzer *	Warning
—	Sounds	Indicates an important situation, such as when a system related to driving is malfunctioning or that danger may result if the correction procedure is not performed Indicates a situation, such as when damage to the vehicle or danger may result
Comes on or flashes	Sounds	Indicates an important situation, such as when the systems shown on the multi-information display may be malfunctioning
—	Does not sound	Indicates a condition, such as malfunction of electrical components, their condition, or indicates the need for maintenance Indicates a situation, such as when an operation has been performed incorrectly, or indicates how to perform an operation correctly

* : A buzzer sounds the first time a message is shown on the multi-information display.

■ Warning messages

The warning messages explained below may differ from the actual messages according to operation conditions and vehicle specifications.

■ Warning buzzer

In some cases, the buzzer may not be heard due to being in a noisy location or audio sound.

■ If a message about an operation is shown

- If a message about an operation of the accelerator pedal or brake pedal 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) (if equipped) or the dynamic radar cruise control with full-speed range (if equipped) 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.219)
A warning message is shown when Drive-Start Control or Parking Support Brake (if equipped) (→P.223, 318) 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 EV 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 about a shift lever operation is shown

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 EV system stopped Steering power low is displayed**

This message is displayed if the EV system is stopped while driving.

When steering wheel operations are heavier than usual, grip the steering wheel firmly and operate it using more force than usual.

- **If EV system overheated Output power reduced is displayed**

This message may be displayed when driving under severe operating conditions. (For example, when driving up a long steep hill.) Handling method: →P.461

- **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 immediately.

- **If Shift to P Before Exiting Vehicle is shown**

Message is displayed when the driver's door is opened without turning the power switch off with the shift position in any position other than P.

Shift the shift position to P.

- **If Shift is in N Release accelerator before shifting is displayed**

The accelerator pedal has been depressed when the shift position is in N.

Release the accelerator pedal and shift the shift position to D or R.

- **If Press brake when vehicle is stopped EV system may overheat is displayed**

The message may be displayed when the accelerator pedal is depressed to hold the vehicle while the vehicle is stopped on an incline, etc. The EV system may overheat. Release the accelerator pedal and depress the brake pedal.

- **If Auto Power Off To Conserve Battery is displayed**

Power was turned off due to the automatic power off function. Next time when starting the EV system, operate the EV system for approximately 5 minutes to recharge the 12-volt battery.

- **If Regenerative Braking Limited Press Brake to Decelerate is displayed**

Regenerative braking may be restricted in the following situations. Firmly depress the brake pedal to decelerate the vehicle.

- When electrical energy cannot be regenerated any more as the traction battery is fully charged
- When the temperature of the traction battery is extremely high or extremely low
- When the temperature of the electric motor or power control unit, etc. is extremely high

■ **If High Power Consumption Power to Climate Temporarily Limited is displayed**

Turn off unnecessary electronic equipment to reduce power consumption.

Please wait until the power supply returns to normal.

■ **If Radar Cruise Control Temporarily Unavailable See Owner's Manual is shown**

The dynamic radar cruise control with full-speed range system is suspended temporarily or until the problem shown in the message is resolved. (causes and coping methods: →P.262)

■ **If Radar Cruise Control Unavailable is shown**

The dynamic radar cruise control with full-speed range system cannot be used temporarily. Use the system when it becomes available again.

■ **If a message that indicates the malfunction of front camera is displayed**

The following systems may be suspended until the problem shown in the message is resolved. (→P.262, 428)

- PCS (Pre-Collision System)
- LTA (Lane Tracing Assist)
- AHS (Adaptive High-beam System) (if equipped)
- AHB (Automatic High Beam) (if equipped)
- RSA (Road Sign Assist)
- Dynamic radar cruise control with full-speed range

■ **If a message that indicates the malfunction of radar sensor is displayed**

The following systems may be suspended until the problem shown in the message is resolved. (→P.262, 428)

- PCS (Pre-Collision System)
- LTA (Lane Tracing Assist)
- Dynamic radar cruise control with full-speed range

■ **If a message that indicates the need for visiting any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer is displayed**

The system or part shown on the multi-information display is malfunctioning. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

■ **If a message that indicates the need for referring to Owner's Manual is displayed**

- If any of the following messages are shown on the multi-information display, follow the instructions.

Battery Low (→P.457)

Check Charging System Close

Charging Port Lid (→P.153)

Charging system malfunction (→P.153)

Charging stopped High energy use (→P.153)

- If any of the following messages are shown on the multi-information display, it may indicate a malfunction. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

Entry & Start System Malfunction

Traction battery system malfunction

Accelerator system malfunction

Plug-in Charging System Malfunction

EV system malfunction

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
Shift System Malfunction

 NOTICE

■ If **High Power Consumption Power to Climate Temporarily Limited** is displayed frequently

There is a possible malfunction relating to the charging system or the 12-volt battery may be deteriorating. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ If **Battery Low** is displayed frequently

The 12-volt battery may have deteriorated. As the battery may discharge in this state when left unattended, have the battery inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ If **Maintenance Req'd. For Traction Battery At Your Dealer** is shown

The traction battery is scheduled to be inspected or replaced. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

- Continuing to perform DC charging without having the traction battery inspected will cause the charging time become longer than normal.
- Continuing to drive the vehicle without having the traction battery inspected will cause the EV system not to start.
- If the EV system does not start, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately.

If you have a flat tire

Your vehicle is not equipped with a spare tire, but instead is equipped with an emergency tire puncture repair kit.

A puncture caused by a nail or screw passing through the tire tread can be repaired temporarily using the emergency tire puncture repair kit.

(The kit contains a bottle of sealant. The sealant can be used only once to temporarily repair one tire without removing the nail or screw from the tire.) Depending on the damage condition of the flat tire, it may not be able to repaired with the emergency tire puncture repair kit.

After temporarily repairing the tire with the kit, have the tire repaired or replaced by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

 WARNING

■ If you have a flat tire

Do not continue driving with a flat tire. Driving even a short distance with a flat tire can damage the tire and the wheel beyond repair, which could result in an accident.

Before repairing the vehicle

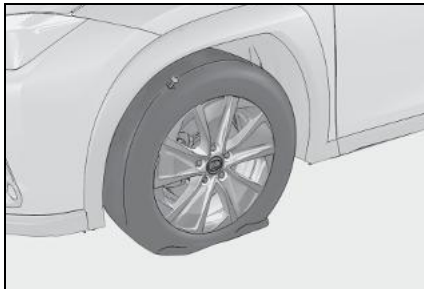
- Stop the vehicle in a safe place on a hard, flat surface.
- Set the parking brake.

- Shift the shift position to P.
- Stop the EV system.
- Turn on the emergency flashers.
- Check the degree of the tire damage.

A tire should only be repaired with the emergency tire puncture repair kit if the damage is caused by a nail or screw passing through the tire tread.

Do not remove the nail or screw from the tire. Removing the object may widen the opening and make emergency repair with the repair kit impossible.

To avoid sealant leakage, move the vehicle until the area of the puncture, if known, is positioned at the top of the tire.



■ **A flat tire that cannot be repaired with the emergency tire puncture repair kit**

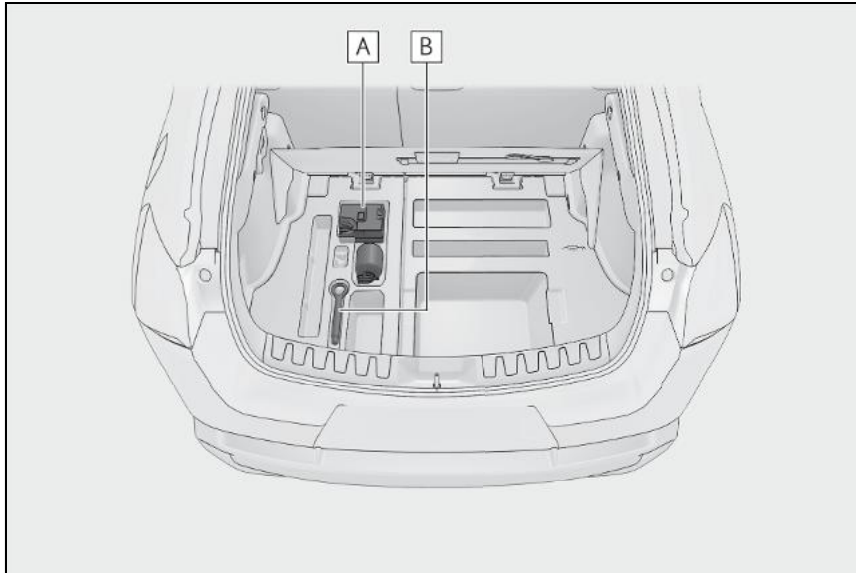
In the following cases, the tire cannot be repaired with the emergency tire puncture repair kit. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- When the tire is damaged due to driving without sufficient air pressure
- When there are any cracks or damage at any location on the tire, such as on the side wall, except the tread
- When the tire is visibly separated from the wheel
- When the cut or damage to the tread is 4

mm (0.16 in.) long or more

- When the wheel is damaged
- When two or more tires have been punctured
- When more than one sharp objects such as nails or screws have passed through the tread on a single tire

Location of the emergency tire puncture repair kit and tools



A Emergency tire puncture repair kit

B Towing eyelet

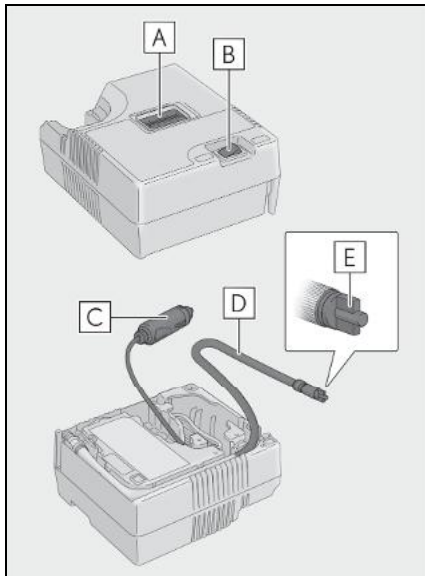
Emergency tire puncture repair kit components

■ Bottle



A Sticker

■ Compressor



- A** Air pressure gauge
- B** Compressor switch
- C** Power plug
- D** Hose
- E** Air release cap

■ Emergency tire puncture repair kit

- The sealant stored in the emergency tire puncture repair kit can be used only once to temporarily repair a single tire. If the sealant in the bottle and other parts of the kit have been used and need to be replaced, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- The compressor can be used repeatedly.
- The sealant can be used when the outside temperature is from -30°C (-22°F) to 60°C (140°F).
- The kit is exclusively designed for size and type of tires originally installed on your vehicle. Do not use it for tires that a

different size than the original ones, or for any other purposes.

- If the sealant gets on your clothes, it may stain.
- If the sealant adheres to a wheel or the surface of the vehicle body, the stain may not be removable if it is not cleaned at once. Immediately wipe away the sealant with a wet cloth.
- During operation of the repair kit, a loud operation noise is produced. This does not indicate a malfunction.
- Do not use to check or to adjust the tire pressure.

■ Note for checking the emergency tire puncture repair kit

- Check the sealant expiry date occasionally. The expiry date is shown on the bottle.
- Do not use sealant whose expiry date has already passed. Otherwise, repairs conducted using the emergency tire puncture repair kit may not be performed properly.
- The sealant has a limited life span. The expiry date is marked on the bottle. The sealant should be replaced before the expiry date. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for replacement.

⚠ WARNING

■ If you have a flat tire

Driving even a short distance with a flat tire can damage the tire and the wheel beyond repair.

Driving with a flat tire may cause a circumferential groove on the side wall. In such a case, the tire may explode when using a repair kit.

■ Caution while driving

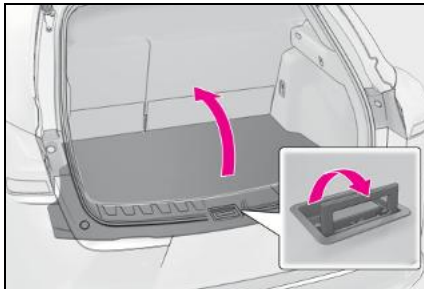
- Store the repair kit in the luggage compartment. Injuries may result in the event of an accident or sudden braking.

⚠ WARNING

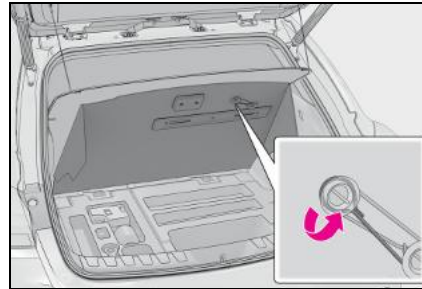
- The repair kit is exclusively only for your vehicle. Do not use repair kit on other vehicles, which could lead to an accident causing death or serious injury.
- Do not use repair kit for tires that are different size than the original ones, or for any other purpose. If the tires have not been completely repaired, it could lead to an accident causing death or serious injury.
- **Precautions for use of the sealant**
- Ingesting the sealant is hazardous to your health. If you ingest sealant, consume as much water as possible, then immediately consult a doctor.
- If sealant gets in eyes or adheres to skin, immediately wash it off with water. If discomfort persists, consult a doctor.

Taking out the emergency tire puncture repair kit

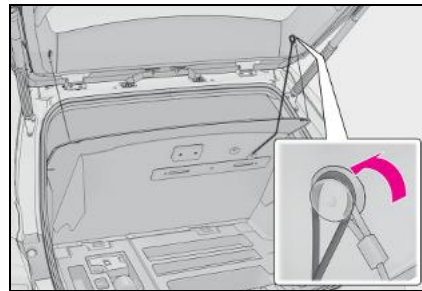
- 1 Pull the lever upwards and open the deck board.



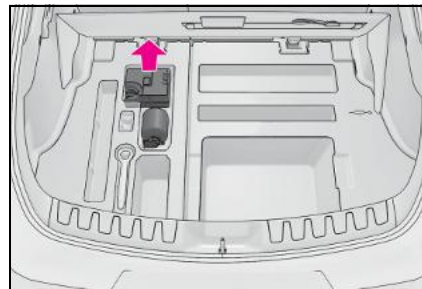
- 2 Unhook the string on the backside of the deck board.



- 3 Attach the string to the hook on the back door.



- 4 Take out the emergency tire puncture repair kit.

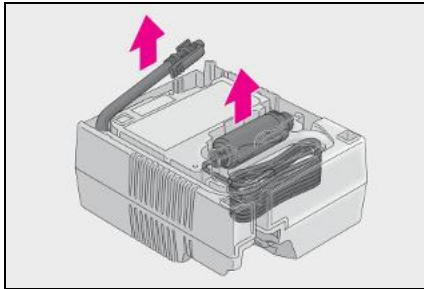


Emergency repair procedure

- 1 Take out the repair kit from the plastic bag.

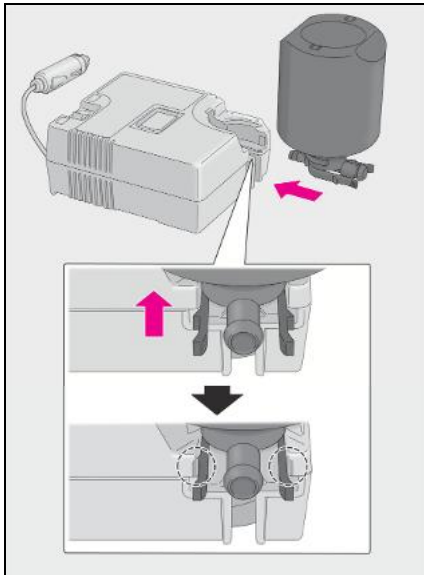
Attach the sticker enclosed with the bottle on the specified locations. (See step 10.)

- 2** Remove the hose and take out the power plug from the compressor.



- 3** Connect the bottle to the compressor.

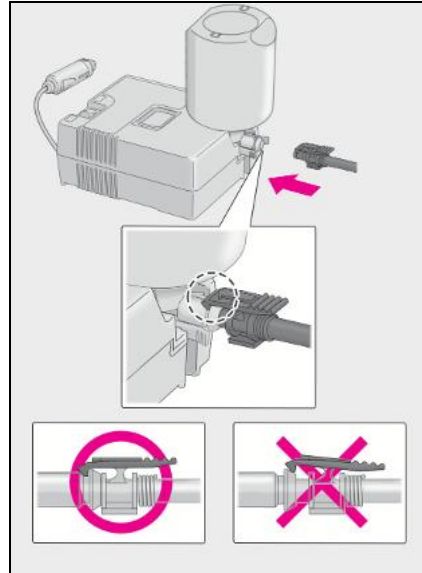
Insert and connect the bottle straight into the compressor as shown in the illustration, and check that the claws of the bottle are concealed in the holes.



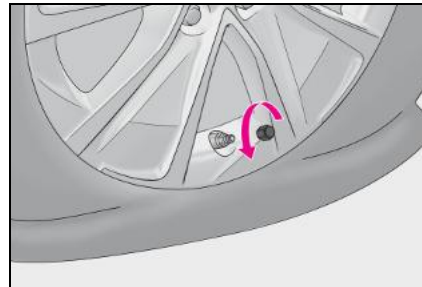
- 4** Connect the hose to the bottle.

As shown in the illustration, make sure the

hose is connected securely to the bottle.

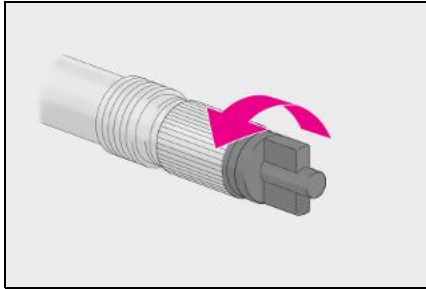


- 5** Remove the valve cap from the valve of the punctured tire.



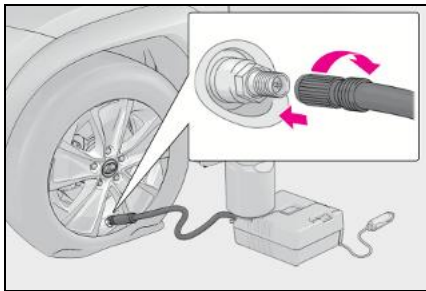
- 6 Extend the hose. Remove the air release cap from the hose.

You will use the air release cap again. Therefore keep it in a safe place.

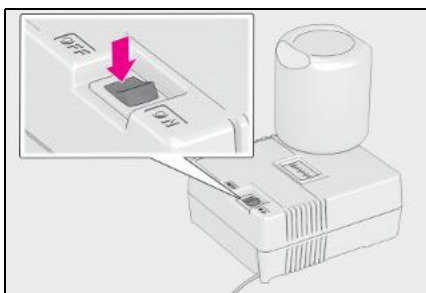


- 7 Connect the hose to the valve.

Screw the end of the hose clockwise as far as possible.



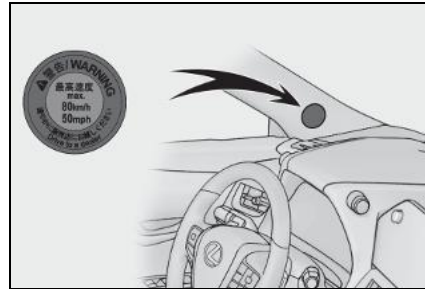
- 8 Make sure that the compressor switch is off.



- 9 Connect the power plug to the power outlet socket. (→P.364)

- 10 Attach the sticker provided with the tire puncture repair kit to a

position easily seen from the driver's seat.



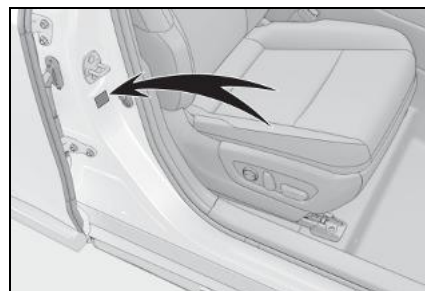
- 11 Check the specified tire inflation pressure.

Tire inflation pressure is specified on the label as shown. (→P.470)

▶ Left-hand drive vehicles

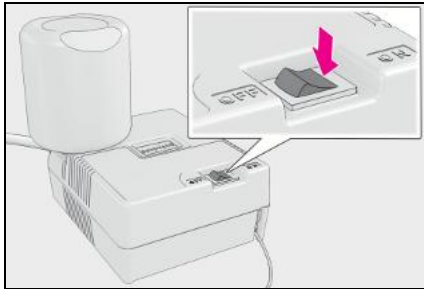


▶ Right-hand drive vehicles

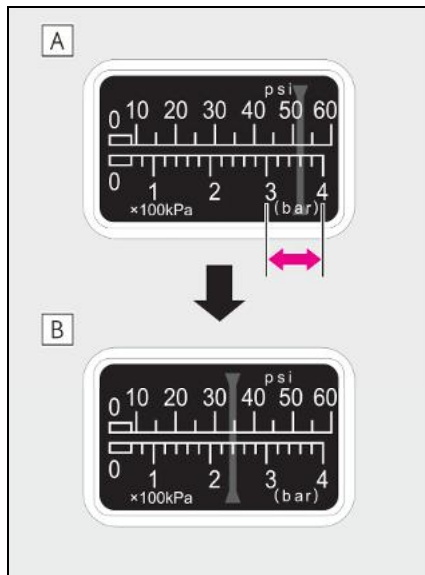


- 12 Start the EV system. (→P.226)

- 13** To inject the sealant and inflate the tire, turn the compressor switch on.



- 14** Inflate the tire until the recommended pressure is reached.



- A** The sealant will be injected and the pressure will spike to between 300 kPa (3.0 kgf/cm² or bar, 44 psi) and 400 kPa (4.0 kgf/cm² 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.449)

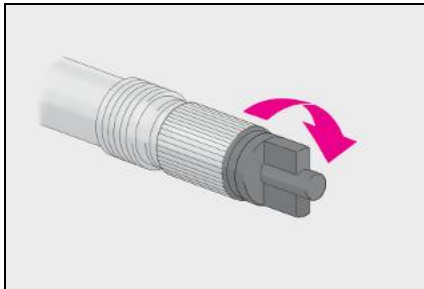
- 15** With the compressor switch off, pull out the power plug from the power outlet socket and then disconnect the hose from the valve on the tire.

Some sealant may leak when the hose is removed.

- 16** Install the valve cap onto the valve of the emergency repaired tire.

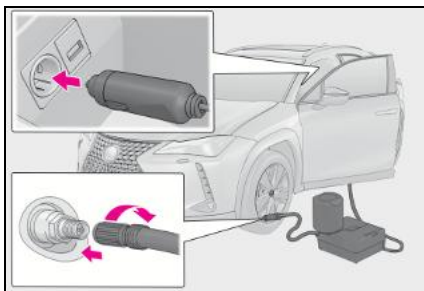
- 17** Attach the air release cap to the end of the hose.

If the air release cap is not attached, the sealant may leak and the vehicle may get dirty.



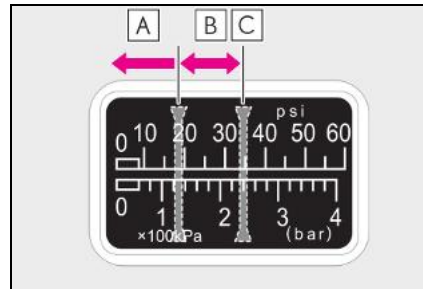
- 18** Temporarily store the bottle in the luggage compartment while it is connected to the compressor.
- 19** To spread the liquid sealant evenly within the tire, immediately drive safely for about 5 km (3 miles) below 80 km/h (50 mph).
- 20** After driving, stop your vehicle in a safe place on a hard, 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.



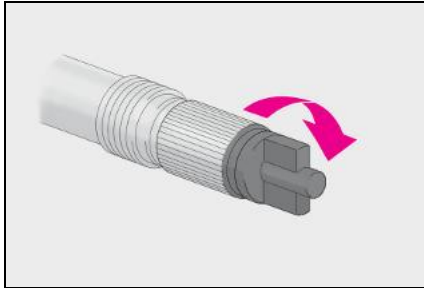
- A** If the tire inflation pressure is under 130 kPa (1.3 kgf/cm² or bar, 19 psi): The puncture cannot be repaired. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- B** If the tire inflation pressure is 130 kPa (1.3 kgf/cm² or bar, 19 psi) or higher, but less than the specified air pressure: Proceed to step **22**.
- C** If the tire inflation pressure is the specified air pressure (→P.470): 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.

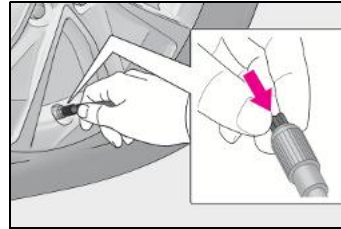
25 Taking precautions to avoid sudden braking, sudden acceleration and sharp turns, drive carefully at under 80 km/h (50 mph) to the nearest authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer that is less than 100 km (62 miles) away for tire repair or replacement.

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.470)
If the air pressure is under the designated pressure, turn the compressor switch on again and repeat the inflation procedure until the specified air pressure is reached.

■ **After a tire is repaired with the emergency tire puncture repair kit**

- The tire pressure warning valve and transmitter should be replaced.
- Even if the tire inflation pressure is at the recommended level, the tire pressure warning light may come on/flash.

⚠ WARNING

■ **When fixing the flat tire**

- Stop your vehicle in a safe and flat area.
- Do not touch the wheels or the area around the brakes immediately after the vehicle has been driven. After the vehicle has been driven, the wheels and the area around the brakes may be extremely hot. Touching these areas with hands, feet or other body parts may result in burns.

**WARNING**

- Connect the valve and hose securely with the tire installed on the vehicle.
If the hose is not properly connected to the valve, air leakage may occur as sealant may be sprayed out.
- If the hose comes off the valve while inflating the tire, there is a risk that the hose will move abruptly due to air pressure.
- After inflation of the tire has completed, the sealant may splatter when the hose is disconnected or some air is let out of the tire.
- Follow the operation procedure to repair the tire. If the procedure is not followed, the sealant may spray out.
- Keep back from the tire while it is being repaired, as there is a chance of it bursting while the repair operation is being performed. If you notice any cracks or deformation of the tire, turn off the compressor switch and stop the repair operation immediately.
- The repair kit may overheat if operated for a long period of time. Do not operate the compressor continuously for more than 40 minutes.
- Parts of the repair kit become hot during operation. Be careful handling the repair kit during and after operation. Do not touch the metal part connecting the bottle and the compressor. It will be extremely hot.
- Do not attach the vehicle speed warning sticker to an area other than the one indicated. If the sticker is attached to an area where an SRS airbag is located, such as the pad of the steering wheel, it may prevent the SRS air bag from operating properly.

■ Driving to spread the liquid sealant evenly

Observe the following precautions to reduce the risk of accidents.

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

- Drive the vehicle carefully at a low speed. Be especially careful when turning and cornering.
- If the vehicle does not drive straight or you feel a pull through the steering wheel, stop the vehicle and check the following:
 - Tire condition. The tire may have separated from the wheel.
 - Tire inflation pressure. If the tire inflation pressure is 130 kPa (1.3 kgf/cm² or bar, 19 psi) or less, the tire may be severely damaged.

**NOTICE****■ When performing an emergency repair**

- Perform the emergency repair without removing the nail or screw that has punctured the tread of the tire. If the object that has punctured the tire is removed, repair by the emergency tire puncture repair kit may not be possible.
- The repair kit is not waterproof. Make sure that the repair kit is not exposed to water, such as when it is being used in the rain.
- Do not put the repair kit directly onto dusty ground such as sand at the side of the road. If the repair kit vacuums up dust, etc., a malfunction may occur.
- Make sure the sealant bottle of the repair kit is in a vertical position. The repair kit does not operate properly when it is laid.

**NOTICE****■ Precautions for the emergency tire puncture repair kit**

- The repair kit power source should be 12 V DC suitable for vehicle use. Do not connect the repair kit to any other source.
- Place the repair kit in a storage to prevent it from being exposed to dirt or water.
- Store the repair kit in the luggage compartment out of reach of children.
- Do not disassemble or modify the repair kit. Do not subject parts such as the air pressure indicator to impacts. This may cause a malfunction.

■ To avoid damage to the tire pressure warning valves and transmitters

When a tire is repaired with liquid sealants, the tire pressure warning valve and transmitter may not operate properly. If a liquid sealant is used, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer or other qualified service shop as soon as possible. After use of liquid sealant, make sure to replace the tire pressure warning valve and transmitter when repairing or replacing the tire. (→P.396)

If the EV system will not start

Reasons for the EV system not starting vary depending on the situation. Check the following and perform the appropriate procedure:

Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer if the problem cannot be repaired, or if repair procedures are unknown.

The EV system will not start even though the correct starting procedure is being followed.
(→P.226)

One of the following may be the cause of the problem:

- The charging cable may be connected to the vehicle. (→P.112)
- The electronic key may not be functioning properly. * (→P.454)
- The traction battery may be completely discharged. Charge the traction battery. (→P.109)
- There may be a malfunction in the immobilizer system. * (→P.72)
- There may be a malfunction in the shift control system. * (→P.228)
- There may be a malfunction in the steering lock function (if equipped).
- The EV system may be malfunctioning due to an electrical problem such as electronic key battery

depletion or a blown fuse. However, depending on the type of malfunction, an interim measure is available to start the EV system. (→P.452)

- There is a possibility that the temperature of the traction battery is extremely low (approximately below -30°C [-22°F]). (→P.84, 227)

* : 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.457)
- The 12-volt battery terminal connections may be loose or corroded. (→P.390)

The interior lights and headlights do not turn on, or the horn does not sound.

One of the following may be the cause of the problem:

- One or both of the 12-volt battery terminals may be disconnected. (→P.390)
- The 12-volt battery may be discharged. (→P.457)

Contact any authorized Lexus retailer or

Lexus authorized repairer, or any reliable repairer if the problem cannot be repaired, or if repair procedures are unknown.

Emergency start function

When the EV system does not start, the following steps can be used as an interim measure to start the EV system if the power switch is functioning normally.

Do not use this starting procedure except in cases of emergency.

- 1 Set the parking brake.
- 2 Turn the power switch to ACC.
- 3 Press and hold the power switch for about 15 seconds while depressing the brake pedal firmly.

Even if the EV system can be started using the above steps, the system may be malfunctioning. Have the vehicle inspected by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

If you lose your keys

New genuine mechanical keys can be made by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer using another mechanical key and the key number stamped on your key number plate. Keep the plate in a safe place such as your wallet, not in the vehicle.

NOTICE

■ When an electronic key is lost

If the electronic key remains lost, the risk of vehicle theft increases significantly. Visit any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer immediately with all remaining electronic keys and the card key (if equipped) that were provided with your vehicle.

If the charging port lids cannot be opened

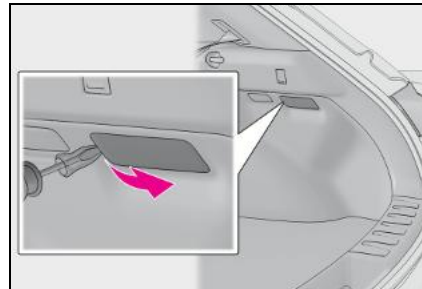
If the charging port lids cannot be opened when using the normal procedure, the following procedure can be used to open the charging port lids.

Opening the charging port lids

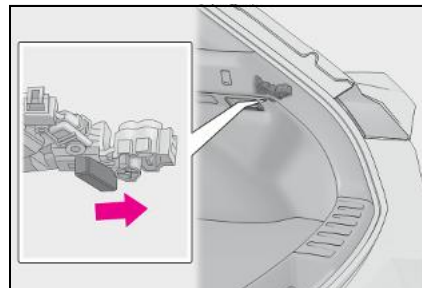
■ AC charging port lid

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

When removing the cover, to prevent damage, cover the tip of the screwdriver with a rag.



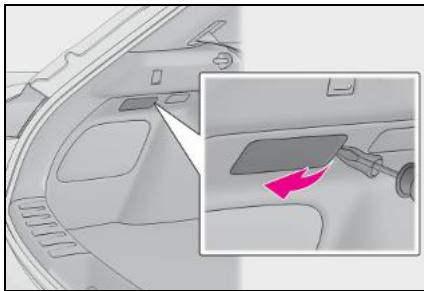
- 2 Pull the lever (white).



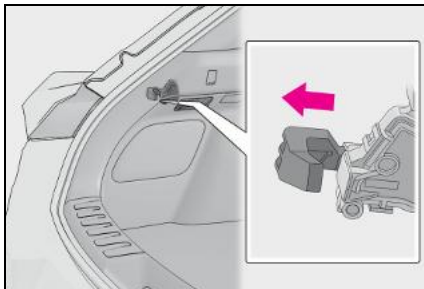
■ DC charging port lid

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

When removing the cover, to prevent damage, cover the tip of the screwdriver with a rag.



- 2 Pull the lever (black).



If the electronic key does not operate properly

If communication between the electronic key and vehicle is interrupted (→P.199) or the electronic key cannot be used because the battery is depleted, the smart entry & start system and wireless remote control cannot be used. In such cases, the doors can be opened and the EV system can be started by following the procedure below.

■ When the electronic key does not work properly

- Make sure that the smart entry & start system has not been deactivated in the customization setting. If it is off, turn the function on.

(Customizable features: →P.475)

- Check if battery-saving mode is set. If it is set, cancel the function. (→P.199)
- The electronic key function may have stopped. (→P.199)

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.

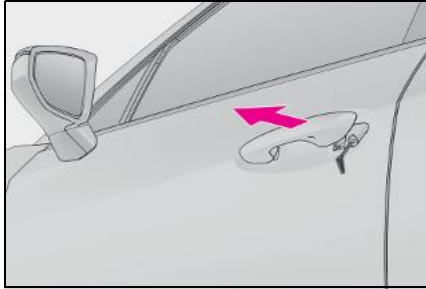
Locking and unlocking the driver's door

■ Unlocking the driver's door

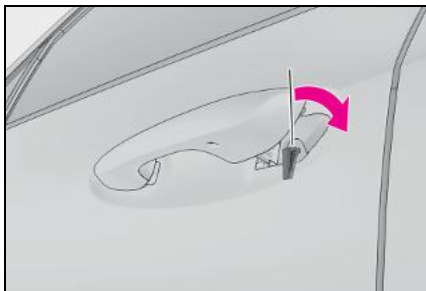
Use the mechanical key to perform the

following operations. (→P.178)

- 1 Insert the mechanical key while pulling on the driver's door handle.



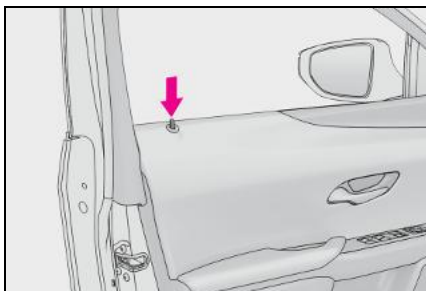
- 2 Unlock the door.



- 3 Remove the key, return the handle, and then pull the handle again.

■ Locking the driver's door

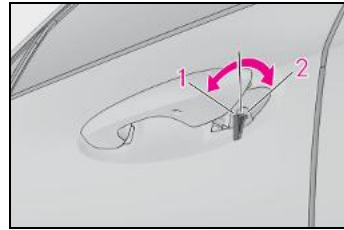
- 1 With the door open, push down the inside lock button.



- 2 Close the door while pulling the door handle.

■ 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.

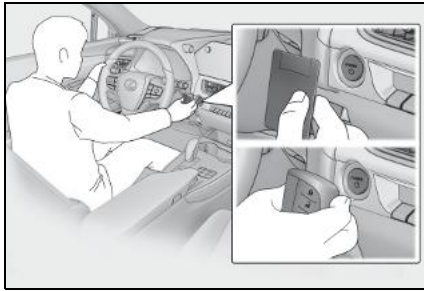
Starting the EV system


- 1 Depress the brake pedal.

- 2 Touch the Lexus emblem side of the electronic key to the power switch.

When the electronic key is detected, a buzzer sounds and the power switch will turn to ON.

When the smart entry & start system is deactivated in customization setting, the power switch will turn to ACC.



- 3 Firmly depress the brake pedal and check that  and a message are shown on the multi-information display.

- 4 Press the power switch.

In the event that the EV system still cannot be started, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

■ Stopping the EV system

Set the parking brake, shift the shift position to P and press the power switch as you normally do when stopping the EV system.

■ Electronic key battery

As the above procedure is a temporary measure, it is recommended that the electronic key battery be replaced immediately when the battery is depleted. (→P.410)

■ 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.74)

■ Changing power switch modes

Release the brake pedal and press the power switch in step 3 above.

The EV system does not start and modes will be changed each time the switch is pressed. (→P.229)

If the 12-volt battery is discharged

The following procedures may be used to start the EV system if the vehicle's 12-volt battery is discharged.

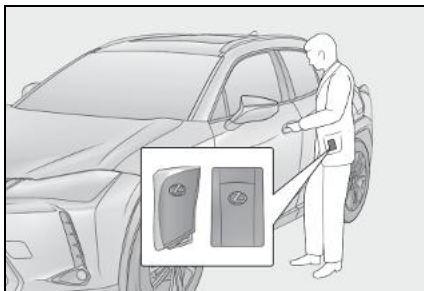
You can also call any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Restarting the EV system

If you have a set of jumper (or booster) cables and a second vehicle with a 12-volt battery, you can jump start your vehicle by following the steps below.

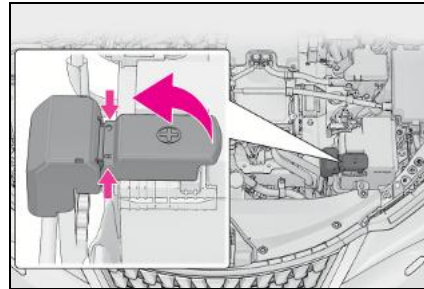
- 1 Confirm that the electronic key is being carried.

When connecting the jumper (or booster) cables, depending on the situation, the alarm may activate and the doors may lock. (→P.75)



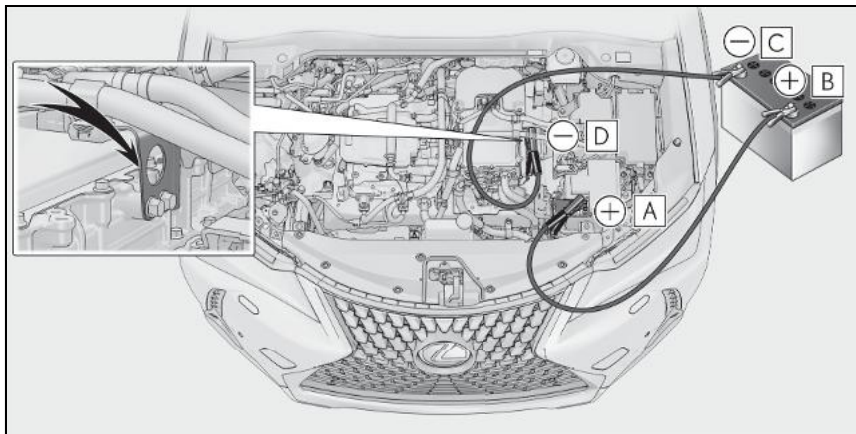
- 2 Open the hood (→P.385).
- 3 Open the positive (+) battery terminal cover while pushing the side

of the cover as shown in the illustration.



- 4 Connect a positive jumper cable clamp to **A** on your vehicle and connect the clamp on the other end of the positive cable to **B** on the second vehicle. Then, connect a negative cable clamp to **C** on the second vehicle and connect the clamp at the other end of the negative cable to **D**.

Use jumper cables that can reach the specified terminals and connecting point.



- A** Positive (+) battery terminal (your vehicle)
- B** Positive (+) battery terminal (second vehicle)
- C** Negative (-) battery terminal (second vehicle)
- D** Metallic point shown in the illustration

- 5 Start the engine of the second vehicle. Increase the engine speed slightly and maintain at that level for approximately 5 minutes to recharge the 12-volt battery of your vehicle.
 - 6 Vehicles with steering lock function: Open and close any of the doors of your vehicle with the power switch OFF.
 - 7 Maintain the engine speed of the second vehicle and start the EV system of your vehicle by turning the power switch to ON.
 - 8 Make sure the READY indicator comes on. If the indicator light does not come on, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
 - 9 Once the EV system has started, remove the jumper cables in the exact reverse order from which they were connected.
- Once the EV system starts, have the vehicle inspected at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as

soon as possible.

■ Starting the EV system when the 12-volt battery is discharged

The EV system cannot be started by push-starting.

■ To prevent 12-volt battery discharge

- Turn off the headlights, the air conditioning system, the audio system, etc. while the EV system is off.
- Turn off any unnecessary electrical components when the vehicle is running at a low speed for an extended period, such as in heavy traffic.

■ Charging the 12-volt battery

The electricity stored in the 12-volt battery will discharge gradually even when the vehicle is not in use, due to natural discharge and the draining effects of certain electrical appliances. If the vehicle is left for a long time, the 12-volt battery may discharge, and the EV system may be unable to start. (The 12-volt battery recharges automatically while the EV system is operating.)

■ When the 12-volt battery is removed or discharged

- Information stored in the ECU is cleared. When the 12-volt battery is depleted, have the vehicle inspected at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
- In some cases, it may not be possible to unlock the doors using the smart entry & start system when the 12-volt battery is discharged. Use the wireless remote control or the mechanical key to lock or unlock the doors.
- The EV system may not start on the first attempt after the 12-volt battery has recharged but will start normally after the second attempt. This is not a malfunction.
- The power switch mode is memorized by the vehicle. When the 12-volt battery is reconnected, the system will return to the mode it was in before the 12-volt battery was discharged. Before disconnecting

the 12-volt battery, turn the power switch off.

If you are unsure what mode the power switch was in before the 12-volt battery discharged, be especially careful when reconnecting the 12-volt battery.

- If the 12-volt battery discharges, it may not be possible to shift the shift position to other positions. In this case, the vehicle cannot be towed without lifting both front wheels because the front wheels will be locked. (→P.423)
- The power back door (if equipped) must be initialized. (→P.192)

■ When replacing the 12-volt battery

- Use a 12-volt battery that conforms to European regulations.
- Use a 12-volt battery that the case size is same as the previous one (LNO), 20 hour rate capacity (20HR) is equivalent (35Ah) or greater, and performance rating (CCA) is equivalent (240A) or greater.
If the sizes differ, the 12-volt battery cannot be properly secured.
If an improper 12-volt battery is used, battery performance may decrease and the EV system may not be able to restart.
If the 20 hour rate capacity is low, even if the time period where the vehicle is not used is a short time, the 12-volt battery may discharge and EV system may not be able to start.

For details, consult with at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as soon as possible.



WARNING

■ When removing the 12-volt battery terminals

Always remove the negative (-) terminal first. If the positive (+) terminal contacts any metal in the surrounding area when the positive (+) terminal is removed, a spark may occur, leading to a fire in addition to electrical shocks and death or serious injury.

 **WARNING**

■ **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.

■ **When replacing the 12-volt battery**

- When the vent plug is close to the hold down clamp, the battery fluid (acid) may leak.
- For information regarding battery replacement, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

 **NOTICE**

■ **When handling jumper cables**

When connecting the jumper cables, ensure that they do not become entangled in the cooling fans.

■ **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.

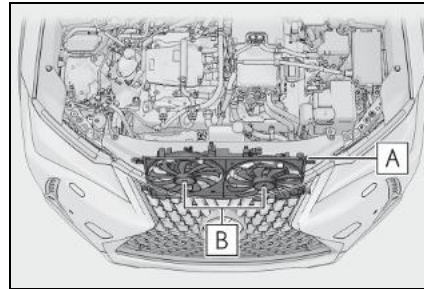
If your vehicle overheats

When EV System overheated Output power reduced is shown on the multi-information display, your vehicle may be overheating.

Correction procedures

- 1 Stop the vehicle in a safe place and turn off the air conditioning system.
- 2 Leave the EV system operating and carefully lift the hood.
- 3 Check if the cooling fans are operating.
If the fans are operating:
Wait until the EV System overheated Output power reduced message disappears and then stop the EV system. If the message does not disappear, call any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.
If the fans are not operating:
Stop the EV system immediately and call any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- 4 After the EV system has cooled down, inspect the hoses and radiator core (radiator) for any leaks.

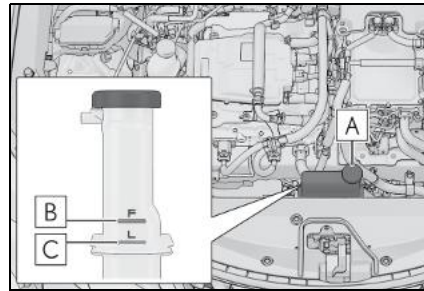


A Radiator

B Cooling fans

If a large amount of coolant leaks, immediately contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

- 5 The coolant level is satisfactory if it is between the F and L lines on the reservoir.



A Reservoir

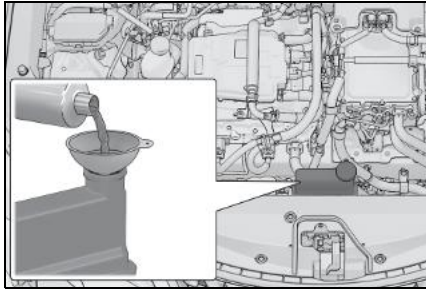
B F line

C L line

6 Add coolant if necessary.

Water can be used in an emergency if coolant is unavailable.

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.



Have the vehicle inspected at the nearest authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer as soon as possible.

! WARNING

■ **To prevent an accident or injury when inspecting under the hood of your vehicle**

Observe the following precautions.

Failure to do so may result in serious injury such as burns.

- If steam is seen coming from under the hood, do not open the hood until the steam has subsided. The motor compartment may be very hot.
- Keep hands and clothing (especially a tie, a scarf or a muffler) away from the fans. Failure to do so may cause the hands or clothing to be caught, resulting in serious injury.
- Do not loosen the coolant reservoir cap while the EV system and radiator are hot. High temperature steam or coolant could spray out.

! NOTICE

■ **When adding power control unit coolant**

Add coolant slowly after the EV system has cooled down sufficiently. Adding cool coolant to a hot EV system too quickly can cause damage to the EV system.

■ **To prevent damage to the cooling system**

Observe the following precautions:

- Avoid contaminating the coolant with foreign matter (such as sand or dust, etc.).
- Do not use any coolant additive.


If the vehicle becomes stuck

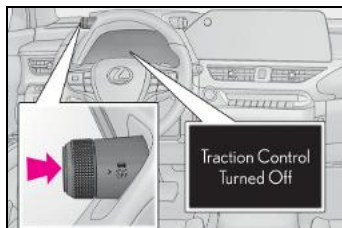
Carry out the following procedures if the tires spin or the vehicle becomes stuck in mud, dirt or snow:

Recovering procedure

- 1 Stop the EV system. Set the parking brake and shift the shift position to P.
- 2 Remove the mud, snow or sand from around the front wheels.
- 3 Place wood, stones or some other material under the front wheels to help provide traction.
- 4 Restart the EV system.
- 5 Shift the shift position to D or R and release the parking brake. Then, while exercising caution, depress the accelerator pedal.

■ When it is difficult to free the vehicle

Press the  switch to turn off TRC. (→P.329)



WARNING

■ When attempting to free a stuck vehicle

If you choose to push the vehicle back and forth to free it, make sure the surrounding area is clear to avoid striking other vehicles, objects or people. The vehicle may also lunge forward or lunge back suddenly as it becomes free. Use extreme caution.

■ When shifting the shift position

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

NOTICE

■ To avoid damage to the transmission and other components

- Avoid spinning the tires and depressing the accelerator pedal more than necessary.
- If the vehicle remains stuck even after these procedures are performed, the vehicle may require towing to be freed.

Vehicle specifications

9

465

9-1. Specifications

Maintenance data.....466

9-2. Customization

Customizable features471

9-3. Initialization

Items to initialize485

9

Vehicle specifications

Maintenance data

Dimensions and weights

Overall length		4495 mm (177.0 in.)
Overall width ^{*1}		1840 mm (72.4 in.)
Overall height ^{*2}		1525 mm (60.0 in.) ^{*3} 1545 mm (60.8 in.) ^{*4}
Wheelbase		2640 mm (103.9 in.)
Tread	Front	1558 mm (61.3 in.) ^{*5} 1548 mm (60.9 in.) ^{*6}
	Rear	1560 mm (61.4 in.) ^{*5} 1550 mm (61.0 in.) ^{*6}
Gross vehicle mass		2245 kg (4949 lb.)
Maximum permissible axle capacity	Front	1270 kg (2800 lb.)
	Rear	1270 kg (2800 lb.)

^{*1}: Overall width not including parts
Outside rear view mirrors

^{*2}: Unladen vehicle

^{*3}: Vehicles without shark fin antenna

^{*4}: Vehicles with shark fin antenna

^{*5}: Vehicles with 215/60R17 tires

^{*6}: Vehicles with 225/50R18 tires

Vehicle identification

■ Vehicle identification number

The vehicle identification number (VIN) is the legal identifier for your vehicle.

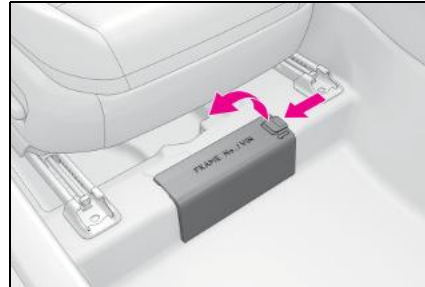
This is the primary identification number for your Lexus. It is used in regis-

tering 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.

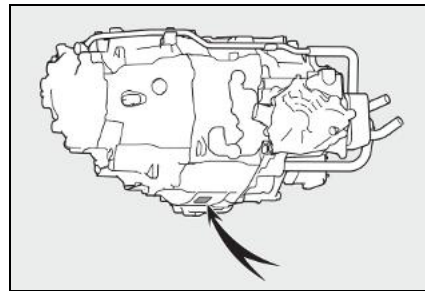


■ **Motor model type and motor number**

The motor model type and the motor number are stamped on the motor as shown.



This number is also stamped under the right-hand front seat.



Electric motor (traction motor)

Model	4KM
Type	Permanent magnet synchronous motor
Maximum output	150 kW
Maximum torque	300 N·m (30.6 kgf·m, 221.3 ft·lbf)

Traction battery

Type	Lithium-ion battery
Voltage	3.7 V/cell
Capacity	205 Ah

Quantity	96 cells
Nominal voltage	355.2 V

Cooling system (power control unit)

Capacity*	2.4 L (2.5 qt., 2.1 Imp.qt.)
Coolant type	Use either of the following: Toyota Super Long Life Coolant Similar high-quality ethylene glycol-based non-silicate, non-amine, non-nitrite, and non-borate coolant with long-life hybrid organic acid technology Do not use plain water alone.

*: The coolant capacity is the quantity of reference.
 If replacement is necessary, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Heater system

Capacity	1.4 L (1.5 qt., 1.2 Imp.qt.)
Coolant type	Use either of the following: Toyota Super Long Life Coolant Similar high-quality ethylene glycol-based non-silicate, non-amine, non-nitrite, and non-borate coolant with long-life hybrid organic acid technology Do not use plain water alone.

Electrical system

■ 12-volt battery

Specific gravity reading at 20°C (68°F):	1.250 or higher If the specific gravity is lower than the standard value, charge the 12-volt battery.
--	--

Charging rates:	
Quick charge	15 A max.
Slow charge	5 A max.

Transmission

Fluid capacity *	4.3 L (4.5 qt., 3.8 Imp.qt.)
Fluid type	Toyota Genuine ATF WS

*: The fluid capacity is a reference quantity.

If replacement is necessary, contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

NOTICE

■ Transmission fluid type

Using transmission fluid other than the above type may cause abnormal noise or vibration, or ultimately damage the transmission of your vehicle.

Brakes

Pedal clearance * ¹	109 mm (4.29 in.) Min.
Pedal free play	1.0 — 6.0 mm (0.04 — 0.24 in.)
Parking brake indicator * ²	When pushing the parking brake switch for 1 to 4 seconds: comes on When pulling the parking brake switch for 1 to 4 seconds: turns off
Fluid type	SAE J1703 or FMVSS No. 116 DOT 3 SAE J1704 or FMVSS No. 116 DOT 4

*¹: Minimum pedal clearance when depressed with a force of 300 N (30.6 kgf, 67.4 lbf) while the EV system is operating.

*²: Make sure to confirm that the brake system warning light (yellow) does not illuminate. (If the brake system warning light illuminates, refer to P.429)

Steering

Free play	Less than 30 mm (1.2 in.)
-----------	---------------------------

Tires and wheels

► 17-inch tires

Tire size	215/60R17 96H
Tire inflation pressure (Recommended cold tire inflation pressure)	Front: 250 kPa (2.5 kgf/cm ² or bar, 36 psi) Rear: 250 kPa (2.5 kgf/cm ² or bar, 36 psi)
Wheel size	17 × 6 1/2 J
Wheel nut torque	103 N m (10.5 kgf m, 76 ft lbf)

► 18-inch tires

Tire size	225/50R18 95V
Tire inflation pressure (Recommended cold tire inflation pressure)	Front: 230 kPa (2.3 kgf/cm ² or bar, 33 psi) Rear: 230 kPa (2.3 kgf/cm ² or bar, 33 psi)
Wheel size	18 × 7 J
Wheel nut torque	103 N m (10.5 kgf m, 76 ft lbf)

Light bulbs

	Light bulbs	W	Type
Exterior	Front turn signal lights (vehicles with single-beam headlights)	21	A
Interior	Vanity lights	8	B

A: Wedge base bulbs (amber)

B: Wedge base bulbs (clear)

Customizable features

Your vehicle includes a variety of electronic features that can be personalized to your preferences. The settings of these features can be changed by using the meter control switches, the Center Display or at any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer.

Customizing vehicle features

■ Changing using the meter control switches

- 1 Press or of the meter control switches, select .
- 2 Press or of the meter control switches, select the item, and press OK .
- 3 Press or of the meter control switches, select the desired setting, and press OK .

To go back to the previous screen or exit the customize mode, press .

■ Changing using the Center Display

- 1 Select on the main menu.
- 2 Select Vehicle customize on the sub menu.

Select (ON)/ (OFF) to switch the functions on/off.

Various setting can be changed. Refer to the list of settings that can be changed for details.

■ When customizing using the Center Display

Stop the vehicle in a safe place, apply the parking brake, and shift the shift position to P. Also, to prevent 12-volt battery discharge, leave the EV system operating while customizing the features.

NOTICE

■ During customization

To prevent 12-volt battery discharge, ensure that the EV system is operating while customizing features.

Customizable features

Some function settings are changed simultaneously with other functions being customized. Contact any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer for further details.

- A** Settings that can be changed using the Center Display
- B** Settings that can be changed using the meter control switches
- C** Settings that can be changed by any authorized Lexus retailer or Lexus authorized repairer, or any reliable repairer

Definition of symbols: ○ = Available, — = Not available

■ EV system (→P.110, 119)

Function	Default setting	Customized setting	A	B	C
Charging current	MAX	16A	—	○	—
		8A	—	○	—
Charging limit	Full	90%	—	○	—
Battery cooler	On	Off	—	○	—

■ Gauges, meters and multi-information display (→P.163,166)

Function ^{*1}	Default setting	Customized setting	A	B	C
Language ^{*2}	English	French	—	○	—
		German			
		Italian			
		Dutch			
		Spanish			
		Russian			
		Turkish			
		Ukrainian			
Units ^{*2}	km (kWh/100km)	km (km/kWh)	○ [*] 3	○	—
		miles (miles/kWh)			
Speedometer display	Digital	Analog	—	○	—
Drive information 1	Current electricity consumption	*4	—	○	—
	Average electricity consumption (after reset)				

Function ^{*1}	Default setting	Customized setting	A	B	C
Drive information 2	Distance (driving range)	*4	—	○	—
	Average vehicle speed (after reset)		—	○	—
Pop-up display	On	Off	—	○	—
Calendar ^{*5}	—	—	—	○	—
Suggestion function	On	On (when the vehicle is stopped)	○	—	○
		Off	○	—	○
Rear seat reminder function	On	Off	—	○	—

*1: For details about each function: →P.168

*2: The default setting varies according to country.

*3: The setting can be changed on General of .

*4: 2 of the following items: current electricity consumption, average electricity consumption (after reset), average vehicle speed (after reset), average vehicle speed (after start), elapsed time (after reset), elapsed time (after start), distance (driving range), distance (after start), blank.

*5: This can only be set if GPS calibration of clock is turned off in the Center Display settings.

■ **Head-up Display ^{*}** (→P.170)

Function	Default setting	Customized setting	A	B	C
EV system	EV System Indicator	No content	—	○	—
Driving support display (Navigation system [*])	On	Off	—	○	—
Driving support display (Driving assist [*])	On	Off	—	○	—

Function	Default setting	Customized setting	A	B	C
Driving support display (Compass [*])	On	Off	—	○	—
Driving support display (Audio)	On	Off	—	○	—
Rotation	Horizontal position	Rotating counter-clockwise/clockwise	—	○	—

^{*}: If equipped

■ Door lock (→P.180, 454)

Function	Default setting	Customized setting	A	B	C
Unlocking using a mechanical key	All doors unlocked in one step	Driver's door unlocked in one step, all doors unlocked in two step	—	—	○
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	○	—	○

■ Power back door^{*} (→P.187)

Function	Default setting	Customized setting	A	B	C
Power back door operation	On	Off	—	○	—
Buzzer volume	Level 3	Level 1	—	○	—
		Level 2	—	○	—

Function	Default setting	Customized setting	A	B	C
Hands Free Power Back Door (kick sensor)*	On	Off	—	○	○
Hands Free Power Back Door (kick sensor) when the power switch is OFF*	On	Off	—	—	○

*: If equipped

■ Smart entry & start system* and wireless remote control (→P.178, 197)

Function	Default setting	Customized setting	A	B	C
Time elapsed before automatic door lock function is activated if door is not opened after being unlocked	30 seconds	60 seconds	—	—	○
		120 seconds	—	—	○
Open door warning buzzer	On	Off	—	—	○

*: If equipped


■ Smart entry & start system*¹(→P.197)

Function	Default setting	Customized setting	A	B	C
Smart entry & start system	On	Off	○	—	○
Smart door unlocking	All the doors	Driver's door	○	—	○
Time elapsed before unlocking all the door when gripping and holding the driver's door handle* ²	2 seconds	Off	—	—	○
		1.5 seconds	—	—	○
		2.5 seconds	—	—	○

*¹: If equipped

*²: This setting can be changed when the smart door unlocking setting is set to Driver's door.

■ Wireless remote control (→P.178)

Function	Default setting	Customized setting	A	B	C
Wireless remote control	On	Off	—	—	○
Unlocking operation	All doors unlocked in one step	Driver's door unlocked in one step, all doors unlocked in two step	○	—	○
The function that activates the  switch of the wireless remote control when locking the door (→P.187)*	Off	On (Unlocking all the door)	—	—	○
		On (Unlocking back door only)	—	—	○

* : If equipped

■ Steering wheel (→P.206)

Function	Default setting	Customized setting	A	B	C
Auto tilt away function	Tilt only	Off	—	—	○
		Telescopic only	○	—	○
		Tilt & telescopic	○	—	○

■ Outside rear view mirrors (→P.208)

Function	Default setting	Customized setting	A	B	C
Automatic mirror folding and extending operation*	Linked to the locking/unlocking of the doors	Off	—	—	○
		Linked to operation of the power switch	—	—	○

* : If equipped

■ Power windows and moon roof* (→P.211, 213)

Function	Default setting	Customized setting	A	B	C
Mechanical key linked operation	Off	On	—	—	○
Wireless remote control linked operation	Off	On	—	—	○
Wireless remote control linked operation signal (buzzer)	On	Off	—	—	○

*: If equipped

■ Reverse warning buzzer

Function	Default setting	Customized setting	A	B	C
Signal (buzzer) when the shift position is in R	Off	On	—	—	○

■ Automatic light control system (→P.242)

Function	Default setting	Customized setting	A	B	C
Light sensor sensitivity	Normal	Brighter	○	—	○
		Bright			
		Dark			
		Darker			
Extended Headlight Lighting (Time elapsed before headlights automatically turn off)	30 seconds	60 seconds	—	—	○
		90 seconds			
		120 seconds			

■ Lights (→P.242)

Function	Default setting	Customized setting	A	B	C
Welcome lighting	On	Off	—	—	○

■ Rear window wiper (→P.257)

Function	Default setting	Customized setting	A	B	C
Rear window wiper operation when the back door is opened	On	Off	—	—	○
Washer linked rear window wiper operation	On	Off	—	—	○
Shift position linked rear window wiper operation	Once	Off	—	—	○
		Continuous			

■ AHS (Adaptive High-beam System)^{*1}(→P.244)

Function	Default setting	Customized setting	A	B	C
Adaptive High-beam System	On	Off ^{*2}	—	—	○
Clearance between a vehicle ahead and the shaded high beams	Wide	Narrow	—	—	○
		Standard			
Brightness and illuminated area adjustment of the high beams according to the vehicle speed	Operates at approximately 15 km/h (9 mph) or more	Operates at approximately 30 km/h (19 mph) or more	—	—	○
		Operates at approximately 60 km/h (37 mph) or more			
Intensity adjustment of the high beams when driving around a curve (illuminates the area in the direction vehicle is turning more brightly)	On	Off	—	—	○
Projection distance adjustment of the low beams according to the distance to a preceding vehicle	On	Off	—	—	○

Function	Default setting	Customized setting	A	B	C
Illumination of the cornering lights when starting off	On	Off	—	—	○
High beam light distribution control for rain	On	Off	—	—	○

*1: If equipped

*2: The headlights will operate under AHB (Automatic High Beam) control. (→P.248)

■ **PCS (Pre-Collision System) (→P.264)**

Function	Customized setting	A	B	C
PCS (Pre-Collision System)*	On, Off	—	○	—
Adjust alert timing	Early, Middle, Late	—	○	—

*: The system is automatically enabled each time the power switch is turned to ON.

■ **LTA (Lane Tracing Assist) (→P.274)**

Function	Customized setting	A	B	C
Vehicle sway warning function	On, Off	—	○	—
Vehicle sway warning sensitivity	High, Standard, Low	—	○	—
Lane centering function	On, Off	—	○	—
Alert type	Steering wheel vibration, Buzzer	—	○	—
Alert sensitivity	High, Standard	—	○	—

■ **RSA (Road Sign Assist)*1 (→P.284)**

Function	Customized setting	A	B	C
RSA (Road Sign Assist)*2	On, Off	—	○	—
Excess speed notification method*3	Display only, Display and buzzer, No notification	—	○	—
Excess speed notification level	2 km/h (1 mph), 5 km/h (3 mph), 10 km/h (5 mph)	—	○	—

Function	Customized setting	A	B	C
No overtaking notification method	Display only, Display and steering wheel vibration, No notification	—	○	—
Other notifications method (No-entry notification) ^{*4}	Display only, Display and buzzer, No notification	—	○	—

*1: If equipped

*2: The system is automatically enabled each time the power switch is turned to ON.

*3: If a speed limit with supplemental mark is exceeded, the notification buzzer does not operate.

*4: Vehicles with navigation system

■ **Dynamic radar cruise control with full-speed range (→P.288)**

Function	Customized setting	A	B	C
Curve speed reduction function	High, Low, Off	—	○	—
Dynamic Radar Cruise Control with Road Sign Assist [*]	Off, On	—	○	—

*: If equipped

■ **BSM (Blind Spot Monitor)^{*} (→P.300)**

Function	Default setting	Customized setting	A	B	C
Outside rear view mirror indicator brightness	Bright	Dim	—	○	—
Alert timing for presence of approaching vehicle (sensitivity)	Intermediate	Early	—	○	—
		Late			
		Only when vehicle detected in blind spot			
BSM (Blind Spot Monitor)	On	Off	—	○	—

*: If equipped

■ Lexus parking assist-sensor* (→P.305)

Function	Default setting	Customized setting	A	B	C
Lexus parking assist-sensor	On	Off	—	○	○

*: If equipped

■ RCTA (Rear Crossing Traffic Alert) function* (→P.313)

Function	Default setting	Customized setting	A	B	C
RCTA (Rear Crossing Traffic Alert) function	On	Off	—	○	○

*: If equipped

■ PKSA (Parking Support Alert)* (→P.304)

Function	Default setting	Customized setting	A	B	C
Buzzer volume	Level 2	Level 1	—	○	○
		Level 3			

*: If equipped

■ PKSB (Parking Support Brake)* (→P.318)

Function	Default setting	Customized setting	A	B	C
PKSB (Parking Support Brake) function	On	Off	—	○	○

*: If equipped

■ Automatic air conditioning system (→P.341)

Function	Default setting	Customized setting	A	B	C
Switching between outside air and recirculated air mode linked to AUTO switch operation	On	Off	○	—	○
A/C auto switch operation	On	Off	○	—	○

■ Remote Air Conditioning System (→P.349)

Function	Default setting	Customized setting	A	B	C
Operation using the A/C button on the wireless remote control	Press and hold for 0.8 seconds	Press once	—	—	○
		Press twice			
		Press and hold for 2.4 seconds			
		Off			
Stopping the operation using the A/C button on the wireless remote control	Press twice	Press once	—	—	○
		Press and hold for 0.8 seconds			
		Press and hold for 2.4 seconds			
		Off			

■ Seat heaters^{*} / seat ventilators^{*} (→P.351)

Function	Default setting	Customized setting	A	B	C
Driver's seat temperature preference in automatic mode	Standard	-2 (cooler) to 2 (warmer)	○	—	○
Passenger's seat temperature preference in automatic mode	Standard	-2 (cooler) to 2 (warmer)	○	—	○

* : If equipped

■ Heated steering wheel^{*} (→P.351)

Function	Default setting	Customized setting	A	B	C
Steering wheel heating preference in automatic mode	Standard	-2 (low) to 2 (high)	○	—	○

* : If equipped

■ Illumination (→P.354)

Function	Default setting	Customized setting	A	B	C
Time elapsed before the interior lights turn off	15 seconds	Off			
		7.5 seconds	○	—	○
		30 seconds			
Operation after the power switch is turned off	On	Off	—	—	○
Operation when the doors are unlocked	On	Off	—	—	○
Operation when you approach the vehicle with the electronic key on your person	On	Off	—	—	○
Rear interior light and footwell lights	On	Off	—	—	○
Time elapsed before the outside door handle lights* turn off	15 seconds	Off			
		7.5 seconds	○	—	○
		30 seconds			
Outside door handle lights*	On	Off	—	—	○
Operation of the outside door handle lights* when you approach the vehicle with the electronic key on your person	On	Off	—	—	○
Operation of the outside door handle lights* when the doors are unlocked	On	Off	—	—	○
Operation of the outside door handle lights* when a door is opened	On	Off	—	—	○
Fading out of the outside door handle lights* when they turn off	Long	Short	—	—	○

* : If equipped

■ **Vehicle customization**

- When the speed linked door locking function and shift position linked door locking function are both on, the door lock operates as follows.
When shifting the shift position to any position other than P, all the doors will be locked.
If the vehicle is started with all the doors locked, the speed linked door locking function will not operate.
If the vehicle is started with any door unlocked, the speed linked door locking function will operate.
- When the smart entry & start system is off, the entry unlock function cannot be customized.
- When the doors remain closed after unlocking the doors and the timer activated automatic door lock function activates, signals will be generated in accordance with the operational signal (Emergency flashers) function setting.
- Some settings can be changed using a switch or the Center Display. If a setting is changed using a switch, the changed setting will not be reflected on the Center Display until the power switch is turned off and then to ON.

Items to initialize

The following item must be initialized for normal system operation after such cases as the 12-volt battery being reconnected, or maintenance being performed on the vehicle:

List of the items to initialize

Item	When to initialize	Reference
Lexus parking assist-sensor *	After reconnecting or changing the 12-volt battery	P.308
PKSB (Parking Support Brake) *	After reconnecting or changing the 12-volt battery	P.322
Tire pressure warning system	When rotating the tires When the tire inflation pressure is changed by changing tire size (When there are multiple specified pressures) After registering the ID codes	P.397
Lexus parking assist monitor *	12-volt battery has been reinstalled	Refer to MULTIMEDIA OWNERS MANUAL .
Panoramic view monitor *	The steering wheel has been moved while the 12-volt battery was being reinstalled 12-volt battery power is low	
Power back door *	After reconnecting or changing the 12-volt battery After changing a fuse	P.192
Power window	When functioning abnormally	P.211
Moon roof *		P.214

*: If equipped

Index

487

What to do if... (Troubleshooting)

.....**488**

Alphabetical Index**491**

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.453)
- 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.453)



The doors cannot be locked or unlocked

- Is the electronic key battery weak or depleted? (→P.410)
- Vehicles with entry function
Is the power switch in ON?
When locking the doors, turn the power switch off. (→P.229)
- 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.199)



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.183)

If you think something is wrong



The EV system does not start

- Is the charging cable attached to the vehicle? (→P.112)
- Did you press the power switch while firmly depressing the brake pedal? (→P.226)
- Is the shift position in P? (→P.226)
- Is the electronic key anywhere detectable inside the vehicle? (→P.198)
- Vehicles with steering lock function:
Is the steering wheel unlocked?

(→P.227)

- Is the electronic key battery weak or depleted?

In this case, the EV system can be started in a temporary way.

(→P.455)

- Is the 12-volt battery discharged? (→P.457)



The steering wheel cannot be turned after the EV system is stopped

- Vehicles with steering lock function: It is locked automatically to prevent theft of the vehicle. (→P.227)



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.212)



The power switch is turned off automatically

- The auto power off function will be operated if the vehicle is left in ACC or ON (the EV system is not operating) for a period of time. (→P.229)



A warning buzzer sounds during driving

- The seat belt reminder light is flashing

Are the driver and the passengers wearing the seat belts? (→P.432)

- The parking brake indicator is on
Is the parking brake released? (→P.236)

Depending on the situation, other types of warning buzzer may also sound. (→P.428, 436)



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.431)

To stop the alarm, turn the power switch to ON or start the EV system.



A warning buzzer sounds when leaving the vehicle

- Is the message displayed on the multi-information display? Check the message on the multi-information display. (→P.436)



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.428, 436.

When a problem has occurred



If you have a flat tire

- Stop the vehicle in a safe place and repair the flat tire temporarily with the emergency tire puncture repair kit. (→P.440)



The vehicle becomes stuck

- Try the procedure for when the vehicle becomes stuck in mud, dirt, or snow. (→P.463)

Alphabetical Index

A

- A/C.....341
 - SYNC mode..... 46
- Air conditioning filter..... 40
- Automatic air conditioning system.... 41
- Blower customi ation 45
 - ront seat concentrated airflow mode
S O 4
- My Room Mode.....142
- Remote Air Conditioning System.... 4
- ABS (Anti-lock Brake System) 328
 - unction 2
 - arning light42
- ACA (Active Cornering Assist)..... 328
- AC charging 115
- AC charging cable.....94
 - CCI Charging Circuit Interrupting
evice 5
 - If the AC charging connector cannot be
unloc ed.....106
 - Indicator.....
 - Maintenance101
 - Replacing the plug cord.....
 - Safety functions.....
- Acoustic Vehicle Alerting System.....82
- Active Cornering Assist (ACA)..... 328
- Active Sound Control/Acceleration
Sound Control (ASC)..... 241
- Adaptive High-beam System (AHS)...244
- AHB (Automatic High Beam)..... 248
 - arning message.....4 6
- AHS (Adaptive High-beam System)...244
 - arning message.....4 6
- Airbag manual on-off system.....44
- Airbags.....36
 - Airbag manual on off system 44
 - Airbag operating conditions.....
 - Airbag precautions for your child.....40
 - Correct driving posture 1
 - Curtain shield airbag operating condi-
tions
- Curtain shield airbag precautions.....40
 - eneral airbag precautions.....40
 - ocations of airbags..... 6
- Modification and disposal of airbags..4
- Side airbag operating conditions
- Side airbag precautions.....40
- Side and curtain shield airbags operating
conditions
- Side and curtain shield airbags precau-
tions40
- SRS airbags..... 6
- SRS warning light.....42
- Air conditioning filter.....408
- Air conditioning system..... 341
 - SYNC mode..... 46
 - Air conditioning filter.....40
 - Automatic air conditioning system.... 41
 - Blower customi ation..... 45
 - ront seat concentrated airflow mode
S O 4
 - My Room Mode.....142
 - Remote Air Conditioning System.... 4
- Alarm
 - Alarm..... 4
 - arning bu er.....42
- Antenna (smart entry & start system).. 197
- Anti-lock Brake System (ABS) 328
 - unction 2
 - arning light42
- Approach warning294
- Armrest373
- ASC (Active Sound Control/Acceleration
Sound Control)..... 241
- Assist grips.....373
- Audio system-linked display168
- Automatic air conditioning system..... 341
 - SYNC mode..... 46
 - Air conditioning filter.....40
 - Blower customi ation..... 45
 - ront seat concentrated airflow mode

S O 4
 My Room Mode.....142
 Remote Air Conditioning System.... 4
Automatic headlight leveling system...243
Automatic light control system242
Average electricity consumption.....167
Average vehicle speed.....167

B

Back door.....184
 Back door closer10
 Back door opener switch.....16
 hands free Power Back door.....1
 luggage compartment light....16,10
 Power back door opener and closer
 switch.....1
 Power back door switch.....1
 Power back door.....1
 wireless remote control.....1,1
Back-up lights
 Replacing light bulbs.....415
Battery (12-volt battery)
 If the 12 volt battery is discharged...45
 Preparing and checking before winter

 Replacing.....45
 Warning light.....42
Battery (traction battery).....80
 Charging.....115,12
 Location.....0
 Specification.....46
 Traction battery cooler.....110
 Traction battery heater.....10
 warning messages.....15,46
Battery Electric Vehicle driving tips.....87
Blind Spot Monitor (BSM).....300
 Function.....02
 Warning message.....00
Bottle holders.....359
Brake

Brake hold.....2
 fluid.....46
 Parking brake.....26
 Regenerative braking.....1
 warning light.....42,42
Brake assist.....328
 Brake hold.....2
Break-in tips.....219
Brightness control
 Instrument panel light control.....165
BSM (Blind Spot Monitor).....300
 Function.....02
 Warning message.....00

C

Card key.....176
Care
 Aluminum wheels.....
 Exterior.....6
 Interior.....
 Seat belts.....
Cargo hooks.....360
**CCID (Charging Circuit Interrupting
 Device).....95**
 Indicator.....
 Operation.....
Chains.....334
Charging.....115,123
 AC charging cable.....4
 AC charging.....115
 Charging components.....1
 Charging indicator.....
 Charging methods.....10
 Charging precautions.....11
 Charging procedure.....115,12
 Charging schedule function.....12
 Charging time may increase.....114
 Charging tips.....111
 C charging.....12
 display.....111,10,142,14,15

If the charging port lids cannot be opened.....	45	Charging schedule function.....	128
Information related to charging display.....	111, 140, 142, 143, 15	Setting.....	140
Opening and unloading the AC charging port lid and AC charging connector.....	105	Charging tips	111
My Room Mode.....	142	Child-protectors	183
Opening and closing the charging port lids.....	142	Child restraint system	46
Power sources that can be used.....	10	Child seats definition.....	46
Safety functions.....	112	Child seats installation.....	50
Things to know before charging.....	112	Installing a CRS to a front passenger seat.....	4
Warning messages.....	15	Installing CRS with an ISO 1 lower anchorage.....	5
When AC charging cannot be performed.....	145	Installing CRS with seat belts.....	5
When charging schedule function cannot be performed.....	150	Points to remember.....	46
When DC charging cannot be performed.....	14	Riding with children.....	45
Charging equipment	91	Types of child restraint system installation method.....	56
Charging-linked functions		Using a top tether anchorage.....	60
My Room Mode.....	10	Child safety	45
Traction battery cooler.....	110	12 volt battery precautions.....	460
Traction battery heater.....	10	Airbag manual on/off system.....	45
Traction battery warming control.....	10	Airbag precautions.....	40
Charging methods	109	Back door precautions.....	14
AC charging.....	115	Charging precautions.....	11
DC charging.....	12	Child restraint system.....	46
Charging port lid		How your child should wear the seat belt.....	
If the charging port lids cannot be opened.....	45	Installing child restraints.....	46
Charging ports		Moon roof precautions.....	215
AC charging port lid.....	1	Power window lock switch.....	212
DC charging port lid.....	1	Power window precautions.....	212
If the charging port lids cannot be opened.....	45	Rear door child protectors.....	1
Opening and unloading the AC charging port lid and AC charging connector.....	105	Riding with children.....	45
Opening and closing.....	142	Seat belt precautions.....	45
		Cleaning	376, 379
		Aluminum wheels.....	
		Exterior.....	6
		Interior.....	
		Radar sensor.....	260, 300
		Seat belts.....	
		Clock	163
		Coat hooks	373

- Coin holder 359
 Console box..... 358
 Coolant
 Capacity..... 46
 Checking..... , 0
 Preparing and checking before winter

 Cooling system
 EV system overheating.....461
 Cornering lights.....244
 Cruise control
 dynamic radar cruise control with full
 speed range..... 2
 Cup holders.....358
 Current electricity consumption 167
 Curtain shield airbags36
 Customizable features 471
- D**
- Daytime running light system.....242
 DC charging 123
 Deck board.....361
 Deck under tray..... 360
 Defogger
 Outside rear view mirrors..... 42
 Rear window 42
 Windshield..... 42
 Dimension.....466
 Display
 BSM Blind Spot Monitor 00
 Charging..... 111, 1 0, 142, 14 , 15
 dynamic radar cruise control with full
 speed range..... 2
 Head up display.....1 0
 Lane Departure Warning assist sensor..... 05
 Lane Tracing Assist 2 0
 Multi information display.....166, 4 6
 P SB Parking Support Brake system
 20
 RCTA Rear Crossing Traffic alert func
 tion..... 1
 Warning messages.....4
 Do-it-yourself maintenance..... 384
 Door lock
 Doors.....1 0
 Smart entry start system.....1
 Wireless remote control.....1
 Doors
 Automatic door locking and unlocking
 system.....1 4
 Back door.....1 4
 Door lock1 0
 Open door warning buzzer.....1 1, 1
 Outside rear view mirrors.....20
 Rear door child protectors.....1
 Side doors1 0
 Double locking system73
 Drive distance.....167
 Drive info 1/Drive info 2..... 167
 Drive-Start Control (DSC)
 Sudden start restraint control22
 Driving
 Battery Electric Vehicle driving tips...
 Breath in tips..... 21
 Correct driving posture 1
 Driving mode select switch 2
 Preparing and checking before winter

 Procedures.....21
 Driving information display..... 167
 Driving range167
 Driving support system information display
 168
 DSC (Drive-Start Control)
 Sudden start restraint control22
 Dynamic radar cruise control with full-
 speed range288
 RSA Road Sign Assist2 6
 Warning message.....2 , 4 6

E

eCall62

ECB (Electronically Controlled Brake System)..... 328

Eco mode327

Elapsed time..... 167

Electricity consumption
 Average electricity consumption16
 Current electricity consumption.....16

Electric motor (traction motor)
 Identification number46
 Location..... 0
 Specification.....46

Electric Power Steering (EPS)
 Function 2
 Warning light4 0

Electric Vehicle system features 80

Electric Vehicle system precautions..... 83

Electronically Controlled Brake System (ECB)..... 328

Electronic key
 Battery saving function.....1
 If the electronic key does not operate properly.....454
 Replacing the battery..... 410

Emergency, in case of
 If a warning buzzer sounds42
 If a warning light turns on.....42
 If a warning message is displayed....4 6
 If the 12 volt battery is discharged....45
 If the charging port lids cannot be opened45
 If the electronic key does not operate properly.....454
 If the EV system will not start..... 451
 If the vehicle is submerged or water on the road is rising.....421
 If you have a flat tire.....440
 If you lose your keys.....45
 If you think something is wrong.....426

 If your vehicle becomes stuck46
 If your vehicle has to be stopped in an emergency.....420
 If your vehicle needs to be towed42
 If your vehicle overheats 461

Emergency brake signal 328

Emergency flashers..... 420

Emergency tire puncture repair kit.... 440

EPS (Electric Power Steering)
 Function 2
 Warning light4 0

EV system..... 80
 Acoustic Vehicle Alerting System 2
 Battery Electric Vehicle driving tips...
 Brake Override System 21
 Drive Start Control (DSC)22
 Driving range.....
 Electric Vehicle system precautions...
 Emergency shut off system..... 6
 EV System Indicator..... 164,1
 Features 0
 How to use AC charging.....115
 How to use DC charging.....12
 If the EV system will not start 451
 Overheating.....461
 Power switch.....226
 Regenerative braking 1
 Starting the EV system.....226
 Warning messages.....4 6

EV System Indicator 164,173

Extended Headlight Lighting system...243

F

Flat tire 440
 Tire pressure warning system 5

Floor mats..... 30

Fluid
 Brake.....46
 Transmission.....46
 Washer..... 2

Fog lights
 Replacing light bulbs..... 415
 Switch.....251

Footwell lights..... 354

Front fog lights
 Switch.....251

Front position lights
 Replacing light bulbs..... 415
 Switch.....242
 welcome light illumination control ..24

Front seats
 Adjustment.....202
 Cleaning.....
 Correct driving posture 1
 head restraints.....204
 Seat heaters..... 51
 Seat ventilators..... 51

Front turn signal lights
 Replacing light bulbs..... 415
 Turn signal lever.....2 5
 attachment.....4 0

Fuses..... 412

G

Gauges.....163

Glove box 358

Glove box light..... 358

Grocery bag hooks..... 360

H

Hands Free Power Back Door.....189

Headlight cleaners252

Headlights.....242
 A B Automatic High Beam24
 A S Adaptive High beam System 244
 Cornering lights244
 Extended headlight lighting system24
 light switch.....242
 Replacing light bulbs..... 415

Head restraints..... 204

Head-up display170
 Driving information display area.....1 0
 Driving support system display area.1 2
 EV System Indicator.....1
 Head up display switch.....1 1
 Navigation system linked display.....1 0
 Pop up display1 2
 Settings.....1 1

Head-up display switch171

Heated steering wheel..... 351

Heaters
 Automatic air conditioning system 41
 Heated steering wheel..... 51
 Outside rear view mirrors..... 42
 Seat heaters 51
 Traction battery heater.....10

Hill-start assist control..... 328

Hood 385
 Warning message.....1

Hooks
 Cargo hooks..... 60
 Coat hooks.....
 Grocery bag hooks..... 60
 Retaining hooks floor mat 0

Horn..... 206

I

Identification
 Electric motor traction motor46
 Vehicle466

Ignition switch (Power switch).....226
 Auto power off function.....22
 Changing power switch modes.....22
 If your vehicle has to be stopped in an
 emergency.....420
 Starting the EV system.....226

Illuminated entry system..... 354

Immobilizer system72

Indicators.....161
 AC charging indicator.....

Charging cable..... 4 5
 Charging indicator CCI 214
 Error warning indicator
 EV system indicator 164, 1
 Power indicator
Initialization
 Items to initialize 4 5
 Moon roof 214
 Power window 211
 Tire pressure warning system
Inside rear view mirror..... 207
Instrument panel light control..... 165
Interior lights 354
Intrusion sensor..... 75
Intrusion sensor and tilt sensor..... 75
ISOFIX lower anchorage..... 59

J

Jack
 Positioning a floor jack 6
 Vehicle equipped jack 402
Jack handle 402
Jam protection function
 Moon roof 214
 Power back door 1 2
 Power windows 211

K

Keyless entry 197
 Smart entry start system 1
 Wireless remote control 1
Keys 176
 Battery saving function 1
 Card key 1 6
 Electronic key 1 6
 If the electronic key does not operate properly 454
 If you lose your keys 45
 Key number plate 1 6
 Keyless entry 1 , 1

Mechanical key 1 6
 Power switch 226
 Replacing the battery 410
 Warning buzzer 1
 Wireless remote control 1
Knee airbags 36

L

Lane Tracing Assist (LTA)..... 274
 Function 2
 Operation 2 4
 Warning messages 2 , 4 6
Language (multi-information display).. 168
Lever
 Auxiliary catch lever 5
 Hood lock release lever 5
 Shift lever 2 1
 Turn signal lever 2 5
 Traction control lever 252, 25
Lexus climate concierge 340
Lexus parking assist-sensor
 Function 05
 Warning message 0
Lexus Safety System+ 259
 A B Automatic High Beam 24
 A S Adaptive High beam System 244
 Dynamic radar cruise control with full speed range 2
 TA Lane Tracing Assist 2 4
 PCS Pre Collision System 264
 RSA Road Sign Assist 2 4
License plate lights 242
 Light switch 242
 Replacing light bulbs 415
Light bulbs
 Replacing 415
 Attachment 4 0
Lights
 A B Automatic High Beam 24
 A S Adaptive High beam System 244

- Cornering lights 244
 - Extended headlight lighting system 24
 - og light switch 251
 - ront interior lights 55
 - ront personal lights 56
 - eadlight switch 242
 - Illuminated entry system 54
 - Interior light list 54
 - uggage compartment light 16, 10
 - Rear interior lights 55
 - Rear personal lights 56
 - Replacing light bulbs 415
 - Turn signal lever 25
 - Vanity lights 64
 - attage 40
 - elcome light illumination control 24
 - Locking and unlocking the AC charging port lid and AC charging connector 105
 - LTA (Lane Tracing Assist) 274
 - unction 2
 - Operation 24
 - arning messages 2, 46
 - Luggage cover 361
- M**
- Maintenance**
 - AC charging cable 101
 - o it yourself maintenance 4
 - Maintenance data 466
 - Maintenance re quirements 2
 - Menu icons** 166
 - Meter** 163
 - Cloc 16
 - EV System Indicator 164
 - Indicators 161
 - Instrument panel light control 165
 - Meter control switches 166
 - Multi information display 166
 - Settings 16
 - arning lights 42
 - arning messages 46
 - Mirrors**
 - Inside rear view mirror 20
 - Outside rear view mirror defoggers 42
 - Outside rear view mirrors 20
 - Vanity mirrors 64
 - Moon roof**
 - oor loc lin ed moon roof operation 214
 - am protection function 214
 - Operation 21
 - arning message 46
 - Motor**
 - Compartment 166
 - Multi-information display** 166
 - Audio system lin ed display 16
 - BSM Blind Spot Monitor 00
 - Charging 111, 10, 142, 14, 15
 - rive information 1/ rive information 2 16
 - riving information display 16
 - riving support system information display 16
 - ynamic radar cruise control with full speed range 2
 - e us par ing assist sensor 05
 - TA Lane Tracing Assist 20
 - Menu icons 166
 - Meter control switches 166
 - Navigation system lin ed display 16
 - Pop up display 166
 - Settings 16
 - Suggestion function 16
 - Tire pressure 5
 - arning messages 46
 - My Room Mode** 142
 - isplay 142
 - Starting My Room Mode 142
 - arning messages 14

N

nanoe 345
 Navigation system-linked display 168

O

Odometer 165
 Odometer and trip meter display
 ○ ○ TRIP switch 165
 isplay items 165
 ODO TRIP switch 165
 Opener
 Back door 165
 ood 165
 Outside door handle lights 354
 Outside rear view mirrors 208
 Adjustment 20
 BSM Blind Spot Monitor 20
 olding and e tending 20
 in ed mirror function when reversing
 20
 Outside rear view mirror defoggers 42
 RCTA Rear Crossing Traffic alert func
 tion 1
 Outside temperature 163

P

Paddle shift switches 234
 Parking assist sensors (Lexus parking
 assist-sensor) 305
 Parking brake
 Operation 26
 Par ing bra e engaged warning bu er
 2
 arning light 40
 arning message 2
 Parking Support Brake function (rear-
 crossing vehicles) 325
 unction 25
 Parking Support Brake function (static

objects) 323
 unction 2
 Parking Support Brake function
 arning message 22
 PCS (Pre-Collision System) 264
 Enabling/disabling the pre collision sys
 tem 26
 unction 264
 arning light 4
 arning message 46
 Personal lights 354
 PKSA (Parking Support Alert) 304
 e us par ing assist sensor 05
 RCTA Rear Crossing Traffic alert .. 1
 PKSB (Parking Support Brake) 318
 Par ing Support Bra e function rear
 crossing vehicles 25
 Par ing Support Bra e function static
 objects 2
 Power back door 187
 am protection function 12
 Power bac door switch 1
 Power back door opener and closer 188
 Power back door switch 188
 Power control unit coolant
 Capacity 46
 Chec ing
 Preparing and chec ing before winter

 Radiator
 Power outlet 364
 Power sources that can be used 107
 Power steering (Electric Power Steering
 system) 328
 arning light 40
 Power switch 226
 Auto power off function 22
 Changing power switch modes 22
 If your vehicle has to be stopped in an
 emergency 420
 Power windows

door lock lined window operation..212
 am protection function.....211
 Operation.....211
 window lock switch.....212
Pre-Collision System (PCS).....264
 Enabling/disabling the pre collision sys-
 tem.....26
 unction.....264
 arning light.....4
 arning message.....4 6

R

**Radar cruise control (dynamic radar cruise
 control with full-speed range) 288**
RCTA (Rear Crossing Traffic alert)..... 313
 unction..... 14
 arning message..... 14
Rear Crossing Traffic Alert (RCTA) 313
Rear fog light
 Switch.....251
Rear seat
 olding down the rear seatbac s.....20
Rear turn signal lights
 Replacing light bulbs..... 415
 Turn signal lever.....2 5
Rear view mirror
 Inside rear view mirror.....20
 Outside rear view mirrors.....20
Rear window defogger342
Rear window wiper257
Rear window wiper and washer257
Regenerative braking.....81
Remote Air Conditioning System.....349
Replacing
 Electronic ey battery..... 410
 uses.....412
 ight bulbs.....415
 Tires.....401
Replacing the tire.....401
Road Sign Assist (RSA)..... 284

RSA (Road Sign Assist)..... 284
 arning message.....4 6

S

Seat belt reminder light432
Seat belts32
 Adjusting the seat belt shoulder anchor
 height..... 4
 Child restraint system installation.....46
 Cleaning and maintaining the seat belt

 Emergency oc ing Retractor..... 4
 ow to wear your seat belt..... 1
 ow your child should wear the seat belt

 Pregnant women, proper seat belt use
 2
 Reminder light and bu er.....4 2
 Seat belt pretensioners..... 4
 SRS warning light.....42
Seat belt shoulder anchor height
 Adjustment..... 4
Seat heaters.....351
Seats
 Adjustment precautions.....202
 Adjustment.....202
 Child seats/child restraint system instal-
 lation.....46
 Cleaning.....
 olding down the rear seatbac s.....20
 ead restraint.....204
 Properly sitting in the seat..... 1
 Seat heaters..... 51
 Seat ventilators..... 51
Seat ventilators.....351
Secondary Collision Brake..... 328
Sensor
 Automatic headlight system.....242
 BSM Blind Spot Monitor 00
 ront camera.....25

Humidity sensor	46	Sport mode	327
Inside rear view mirror	20	Steering lock	
Intrusion sensor and tilt sensor	5	Column lock release.....	22
Intrusion sensor	5	Steering lock system warning message	
Lane Departure Assist sensor	105	22
Lane Tracing Assist	24	Steering wheel	206
Parade Support Brake function rear		Adjustment.....	206
crossing vehicles	25	Auto tilt away.....	206
Parade Support Brake function static		Heated steering wheel.....	51
objects	24	Meter control switches	166
Radar sensor.....	25	Stop lights	
Rain sensing windshield wipers.....	254	Emergency brake signal.....	2
RCTA Rear Crossing Traffic alert ...	14	Replacing light bulbs.....	415
Tilt sensor.....	5	Storage feature	357
Service plug	83	Storage precautions	357
Shift lever	231	Stuck	
Shift position	230	If the vehicle becomes stuck	46
Paddle shift switches.....	24	Suggestion function	169
Side airbags	36	Sunshade	
Side doors	180	Roof.....	214
Side mirrors	208	Sun visors	364
Adjustment.....	20	Switches	
BSM Blind Spot Monitor	100	O O TRIP switch.....	165
Folding and extending.....	20	SOS button.....	62
Heaters	42	Activating the Adaptive High Beam Sys	
Inward mirror function when reversing		tem	245
.....	20	Activating the Automatic High Beam	
RCTA Rear Crossing Traffic alert func		System.....	24
tion.....	1	ASC switch.....	241
Side turn signal lights		Back door opener switch.....	16
Replacing light bulbs.....	415	Brake hold switch.....	2
Turn signal lever.....	25	BSM Blind Spot Monitor switch.....	101
Smart entry & start system	197	Cruise control switch.....	2
Antenna location.....	1	Door lock switches.....	1
Entry functions.....	10, 15	Driving mode select switch	2
Starting the EV system.....	226	Emergency flashers switch	420
Warning message.....	46	Fog light switch	251
Snow tires	333	Head up display switch.....	11
SOC (State of Charge) gauge	163	Heated steering wheel.....	51
Specifications	466	Ignition switch.....	226
Speedometer	163	Instrument panel light control switches	

..... 165

Intrusion sensor and tilt sensor cancel switch..... 5

Intrusion sensor cancel switch..... 5

 e us par ing assist sensor switch. 06

 ight switches..... 242

 TA ane Tracing Assist switch.... 2

Meter control switches..... 166

Moon roof switches..... 21

Outside rear view mirror switches.. 20

Paddle shift switches..... 2 4

Par ing bra e switch..... 2 6

PCSO switch..... 26

P SB Par ing Support Bra e switch..... 1

Power bac door opener and closer switch..... 1

Power bac door switch..... 1

Power switch..... 226

Power window switch..... 211

RCTA switch..... 14

Rear window and outside rear view mirror defoggers switch..... 42

Rear window wiper and washer switch..... 25

Seat heater switches..... 51

Tilt and telescopic steering control switch..... 206

Tire pressure warning reset switch.. 2

Vehicle to vehicle distance switch. 2

Ventilators seat ventilators..... 52

VSCO switch..... 2

 indow loc switch..... 212

 indshield wiper de icer..... 44

 indshield wipers and washer switch..... 252

SYNC mode..... 346

T

Tail lights..... 242

 ight switch..... 242

 Replacing light bulbs..... 415

Theft deterrent system

 Alarm..... 4

 ouble loc ing system.....

 Immobilizer system..... 2

 Intrusion sensor and tilt sensor..... 5

 Intrusion sensor..... 5

 Tilt sensor..... 5

Tilt sensor..... 75

Tire inflation pressure

 Maintenance data..... 4 0

 Tire inflation pressure display function..... 5

 arning light..... 42

Tire pressure warning system..... 395

 unction..... 5

 Initialing.....

 Installing tire pressure warning valves and transmitters..... 6

 Registering I codes.....

 arning light..... 42

Tires..... 393

 Chains..... 4

 Chec ing.....

 Emergency tire puncture repair it. 440

 If you have a flat tire..... 440

 Inflation pressure..... 406

 Preparing and chec ing before winter.....

 Replacing..... 401

 Rotating tires..... 4

 Si e..... 4 0

 Snow tires.....

 Tire inflation pressure display function..... 5

 Tire pressure warning system..... 5

 arning light..... 42

Tools..... 402

Top strap..... 60

Top tether anchorages..... 60

Towing
 Emergency towing..... 424
 Towing eyelet 425
 Trailer towing..... 225
Traction battery 80
 Charging..... 115, 12
 Location..... 0
 Specification..... 46
 Traction battery cooler 110
 Traction battery heater 10
 Warning messages..... 15, 4, 6
Traction battery charge warning light. 432
Traction Control (TRC)..... 328
 Trailer towing..... 225
Transmission
 Fluid..... 46
TRC (Traction Control)..... 328
Trip meters..... 165
Turn signal lights
 Replacing light bulbs..... 415
 Turn signal lever 2, 5
 Attage..... 4, 0

U

USB charging ports 365
Utility vehicle precautions
 Off road driving..... 6
 Utility vehicle precautions 5

V

Vanity lights
 Vanity lights 64
 Attage..... 4, 0
Vanity mirrors..... 364
 Vanity lights 64
Vehicle data recording..... 7
Vehicle identification number 466
Vehicle Stability Control (VSC)..... 328
Vehicle Stability Control+ (VSC+) 328
Ventilators (seat ventilators)..... 351

VSC (Vehicle Stability Control)..... 328
VSC+ (Vehicle Stability Control+) 328

W

Warning buzzers
 ABS..... 42
 Airbags..... 42
 Approach warning..... 2, 4
 Brake hold..... 4, 0
 Brake system..... 42, 42
 Charging system..... 42
 Electric power steering..... 4, 0
 Inappropriate pedal operation..... 4
 Lane Departing Assist sensor 12, 4, 1
 Lane Tracing Assist 2, 4, 4
 Open door..... 1, 1, 1
 Open window 212
 P-SAB Parading Support Alert 04
 P-SBB Parading Support Brake 4, 1
 RCTA Rear Crossing Traffic alert 04,
 4, 1
 Seat belt 4, 2
Warning lights 428
 ABS..... 42
 Brake hold operated indicator..... 4, 0
 Brake system..... 42, 42
 Charging system..... 42
 Electric power steering..... 4, 0
 Inappropriate pedal operation..... 4
 Lane Departing Assist sensor ○ indicator..... 4, 1
 TA indicator 4
 Parading brake indicator 4, 0
 P-SBO indicator 4, 1
 Pre collision system..... 4
 RCTA ○ indicator..... 4, 1
 Seat belt reminder light..... 4, 2
 Slip indicator..... 4, 0
 SRS..... 42
 Tire pressure 42

Traction battery charge warning light 4 2

Warning messages.....436

Washer

 eadlight cleaners.....252

 ow washer fluid warning message 2

 Preparing and chec ing before winter

 Switch.....252, 25

Washing and waxing.....376, 379

Weights.....466

Wheels.....407

 Replacing wheels.....40

 Si e.....4 0

Window glasses

 Power windows.....211

Window lock switch.....212

Windows

 Power windows.....211

 Rear window defogger.....42

 asher.....252, 25

Windshield wiper de-icer.....345

Windshield wipers.....252

 Intermittent windshield wipers.....252

 Position.....255

 Rain sensing windshield wipers.....252

Windshield wipers and washer.....252

Winter driving tips.....333

Wireless charger.....366

Wireless remote control.....178

 Battery saving function.....1

 oc ing/ nloc ing.....1

 Remote Air Conditioning System....4

 Replacing the battery.....410

MANUAL .

- Audio/video system
- Navigation system
- Lexus parking assist monitor
- Panoramic view monitor

For information regarding the equipment listed below, refer to the MULTIMEDIA OWNER S



Certifications

Immobilizer system

Hereby, TOYOTA MOTOR CORPORATION declares that the radio equipment type TMIMB-3 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

<http://www.tokai-rika.co.jp/pc>

Frequency band: 119 - 135 kHz

Maximum radio-frequency power: 55dB μ A/m @10m

TOYOTA MOTOR CORPORATION vakuuttaa, että radiolaitetyyppi TMIMB-3 on direktiivin 2014/53/EU mukainen.

EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:

<http://www.tokai-rika.co.jp/pc>

Radiotaajuus: 119 - 135 kHz

suurin mahdollinen lähetysteho: 55dB μ A/m @10m

Hierbij verklaar ik, TOYOTA MOTOR CORPORATION, dat het type radioapparatuur TMIMB-3 conform is met Richtlijn 2014/53/EU.

De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:

<http://www.tokai-rika.co.jp/pc>

Frequentieband: 119 - 135 kHz

Maximaal radiofrequentievermogen: 55dB μ A/m @10m

Le soussigné, TOYOTA MOTOR CORPORATION, déclare que l'équipement radioélectrique du type TMIMB-3 est conforme à la directive 2014/53/UE.

Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:

<http://www.tokai-rika.co.jp/pc>

Bande de fréquences: 119 - 135 kHz

Puissance de radiofréquence maximale: 55dB μ A/m @10m

Härmed försäkrar TOYOTA MOTOR CORPORATION att denna typ av radioutrustning TMIMB-3 överensstämmer med direktiv 2014/53/EU.

Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:

<http://www.tokai-rika.co.jp/pc>

Frekvensband: 119 - 135 kHz

Maximal radiofrekvensseffekt: 55dB μ A/m @10m

Hermed erklærer TOYOTA MOTOR CORPORATION, at radioudstyrstypen TMIMB-3 er i overensstemmelse med direktiv 2014/53/EU.

EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:

<http://www.tokai-rika.co.jp/pc>

Frekvensbånd: 119 - 135 kHz

Maksimal radiofrekvensseffekt: 55dB μ A/m @10m

Hiermit erklärt TOYOTA MOTOR CORPORATION, dass der Funkanlagentyp TMIMB-3 der Richtlinie 2014/53/EU entspricht.

Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:

<http://www.tokai-rika.co.jp/pc>

Frequenzband: 119 - 135 kHz

Abgestrahlte maximale Sendeleistung: 55dBμA/m @10m

Με την παρούσα ο/η TOYOTA MOTOR CORPORATION, δηλώνει ότι ο ραδιοεξοπλισμός TMIMB-3 πληροί την οδηγία 2014/53/ΕΕ.

Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:

<http://www.tokai-rika.co.jp/pc>

Ζώνη συχνοτήτων: 119 - 135 kHz

Μέγιστη ισχύς ραδιοσυχνότητας: 55dBμA/m @10m

Il fabbricante, TOYOTA MOTOR CORPORATION, dichiara che il tipo di apparecchiatura radio TMIMB-3 è conforme alla direttiva 2014/53/UE.

Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:

<http://www.tokai-rika.co.jp/pc>

Banda di frequenza: 119 - 135 kHz

Potenza massima radiofrequenza: 55dBμA/m @10m

Por la presente, TOYOTA MOTOR CORPORATION declara que el tipo de equipo radioeléctrico TMIMB-3 es conforme con la Directiva 2014/53/UE.

El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:

<http://www.tokai-rika.co.jp/pc>

Banda de frecuencia: 119 - 135 kHz

Potencia máxima de radiofrecuencia: 55dB μ A/m @10m

O(a) abaixo assinado(a) TOYOTA MOTOR CORPORATION declara que o presente tipo de equipamento de rádio TMIMB-3 está em conformidade com a Diretiva 2014/53/UE.

O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:

<http://www.tokai-rika.co.jp/pc>

Banda de frequência: 119 - 135 kHz

Potência máxima de radiofrequências: 55dB μ A/m @10m

B'dan, TOYOTA MOTOR CORPORATION, niddikjara li dan it-tip ta' tagħmir tar-radju TMIMB-3 huwa konformi mad-Direttiva 2014/53/UE.

It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej:

<http://www.tokai-rika.co.jp/pc>

Tíðnisvið: 119 - 135 kHz

Hámarks útværpsbylgjutíðni: 55dB μ A/m @10m

Käesolevaga deklareerib TOYOTA MOTOR CORPORATION, et käesolev raadioseadme tüüp TMIMB-3 vastab direktiivi 2014/53/EL nõuetele.

ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:

<http://www.tokai-rika.co.jp/pc>

Sagedusriba: 119 - 135 kHz

Maksimaalne saatevõimsus: 55dB μ A/m @10m

TOYOTA MOTOR CORPORATION igazolja, hogy a TMIMB-3 típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.

Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:

<http://www.tokai-rika.co.jp/pc>

Frekvenciasáv: 119 - 135 kHz

Maximális jelerősség: 55dB μ A/m @10m

TOYOTA MOTOR CORPORATION týmto vyhlasuje, že rádiové zariadenie typu TMIMB-3 je v súlade so smernicou 2014/53/EÚ.

Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:

<http://www.tokai-rika.co.jp/pc>

Frekvenčné pásmo: 119 - 135 kHz

Maximálny rádiový výkon: 55dB μ A/m @10m

Tímto TOYOTA MOTOR CORPORATION prohlašuje, že typ rádiového zařízení TMIMB-3 je v souladu se směrnicí 2014/53/EU.

Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:

<http://www.tokai-rika.co.jp/pc>

Kmitočtové pásmo: 119 - 135 kHz

Maximální radiofrekvenční výkon: 55dB μ A/m @10m

TOYOTA MOTOR CORPORATION potvrzuje, da je tip radijske opreme TMIMB-3 skladen z Direktivo 2014/53/EU.

Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:

<http://www.tokai-rika.co.jp/pc>

Frekvenčni pas: 119 - 135 kHz

Največja moč radijske frekvence: 55dB μ A/m @10m

Aš, TOYOTA MOTOR CORPORATION, patvirtinu, kad radijo įrenginių tipas TMIMB-3 atitinka Direktyvą 2014/53/ES.

Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:

<http://www.tokai-rika.co.jp/pc>

Dažnių juosta: 119 - 135 kHz

Didžiausia radijo dažnių galia: 55dB μ A/m @10m

Ar šo TOYOTA MOTOR CORPORATION deklarē, ka radioiekārta TMIMB-3 atbilst Direktīvai 2014/53/ES.

Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:

<http://www.tokai-rika.co.jp/pc>

Frekvenču josla: 119 - 135 kHz

Maksimālā radiofrekvenču jauda: 55dB μ A/m @10m

TOYOTA MOTOR CORPORATION niniešzīm ošwiadcza, że typ urządzenia radiowego TMIMB-3 jest zgodny z dyrektywą 2014/53/UE.

Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:

<http://www.tokai-rika.co.jp/pc>

Zakres częstotliwości: 119 - 135 kHz

Maksymalna moc częstotliwości radiowej: 55dB μ A/m @10m

TOYOTA MOTOR CORPORATION lýsir því hér með yfir að fjarskiptatækið af gerð TMIMB-3 er í samræmi við tilskipun 2014/53/EU.

Öll ESB-samræmisýfirlýsingin er tiltæk á eftirfarandi vefslóð:

<http://www.tokai-rika.co.jp/pc>

Tíðnisvið: 119 - 135 kHz

Hámarks útværpsbylgjutíðni: 55dB μ A/m @10m

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

Hele teksten av EU-samsvarserklæringen kan leses på det følgende nettstedet:

<http://www.tokai-rika.co.jp/pc>

Frekvensbånd: 119 - 135 kHz

Maksimal radiofrekvensseffekt: 55dB μ A/m @10m

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

Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес:

<http://www.tokai-rika.co.jp/pc>

Радиочестотна лента: 119 - 135 kHz

Максимална радиочестотна мощност: 55dB μ A/m @10m

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

Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:

<http://www.tokai-rika.co.jp/pc>

Banda de frecvență: 119 - 135 kHz

Puterea maximă de radiofrecvență: 55dB μ A/m @10m

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

Potpuni tekst EU deklaracije o usaglašenosti dostupan je na sljedećoj internet adresi:

<http://www.tokai-rika.co.jp/pc>

Frekvencijski opseg: 119 - 135 kHz

Maksimalna radio-frekvencijska snaga: 55dB μ A/m @10m

Me anë të këtij dokumenti, TOYOTA MOTOR CORPORATION deklararon se tipi i radiopajisjes TMIMB-3 është në përputhje me Direktivën 2014/53/EU.

Teksti i plotë i deklaratës së konformitetit të Bashkimit Evropian është i disponueshëm në adresën e mëposhtme të internetit:

<http://www.tokai-rika.co.jp/pc>

Brezi i frekuencës: 119 - 135 kHz

Fuqia maksimale e radiofrekuencës: 55dB μ A/m @10m

TOYOTA MOTOR CORPORATION ovime izjavljuje da je radijska oprema tipa TMIMB-3 u skladu s Direktivom 2014/53/EU.

Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:

<http://www.tokai-rika.co.jp/pc>

Frekvencijski pojas: 119 - 135 kHz

Maksimalna RF snaga: 55dB μ A/m @10m

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

Potpuni tekst EU deklaracije o usaglašenosti dostupan je na sledećoj internet adresi:

<http://www.tokai-rika.co.jp/pc>

Frekventni opseg: 119 - 135 kHz

Maksimalna radio-frekventna snaga: 55dB μ A/m @10m

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

AB uygunluk beyanının tam metnine aşağıdaki internet adresinden ulaşabilirsiniz:

<http://www.tokai-rika.co.jp/pc>

Frekans bandı: 119 - 135 kHz

Maksimum radyo frekans gücü: 55dB μ A/m @10m



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

Hereby, TOYOTA MOTOR CORPORATION declares that the radio equipment type TMIMB-3 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: 119 - 135 kHz

Maximum radio-frequency power: 55dB μ A/m @10m



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

Справжнім TOYOTA MOTOR CORPORATION заявляє, що тип радіообладнання TMIMB-3 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 : 119 - 135 kHz

Максимальна потужність радіочастотного випромінювання :
55dB μ A/m @10m



Адреса: 1, Toyota-cho, Toyota, Aichi-ken, 471-8572, Japan

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



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.

שם המוצר וייעודו המסחרי: יחידת תקשורת לרכב
 שם היצרן וכתבתו: קונטיננטל אוטומוטיב רפובליקת צ'כיה
 סימן מסחר ראשון: Continental
 שם דגם: MCEU CBOX
 ארץ ייצור: צ'כיה
 שנת ייצור: 2021



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>

Подтверждение соответствия Минкомсвязи России:
Декларация соответствия № Д-МДРТ-13127 от 03.12.2020 года,
действительна до 03.12.2025 года, зарегистрирована в Федеральном
агентстве связи 14.12.2020 года.

Smart entry & start system

Receiver: Model: 23ABB

Transmitter: Model: 14CCM

Operation frequency: 433.58/434.42 MHz

Maximum output power (ERP): 0.01 mW

Manufacturer: DENSO CORPORATION

Address: 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661
Japan

<p>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/</p>
<p>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/</p>
<p>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/</p>
<p>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/</p>
<p>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/</p>
<p>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/</p>
<p>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/</p>

<p>Με την παρούσα ο/η DENSO CORPORATION, δηλώνει ότι ο ραδιοεξοπλισμός πληροί την οδηγία 2014/53/EE. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: https://www.denso.com/global/en/contact-us/doc/</p>
<p>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/</p>
<p>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/</p>
<p>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/</p>
<p>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/</p>
<p>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/</p>
<p>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/</p>

<p>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/</p>
<p>Tímto DENSO CORPORATION prohlašuje, že typ rádiového zariadení je v súlade 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/</p>
<p>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/</p>
<p>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/</p>
<p>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/</p>
<p>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/</p>
<p>Hér með lýsir DENSO CORPORATION yfir því að er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU. Samræmisýfirlýsing er einnig aðgengileg á eftirfarandi vefslóð: https://www.denso.com/global/en/contact-us/doc/</p>

<p>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/</p>
<p>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/</p>
<p>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/</p>
<p>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/</p>
<p>Овиме, DENSO CORPORATION изјављује да је радио опрема тип усаглашена са Директивом 2014/53/EU. Цео текст ЕУ декларације о усаглашености доступан је на следећој интернет адреси: https://www.denso.com/global/en/contact-us/doc/</p>
<p>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/</p>
<p>İşbu belge; DENSO CORPORATION telsiz ekipmanı tipinin 2014/53/AB sayılı Direktife uygun olduğunu beyan eder. AB uygunluk beyanının tam metni aşağıdaki internet adresinde mevcuttur: https://www.denso.com/global/en/contact-us/doc/</p>

Me anë të kësaj deklarate, subjekti DENSO CORPORATION deklaroi 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 deklarë që tipul de echipamente radio este în conformitate cu Reglementarea tehnică „Punerea la dispozitje 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/varoituserkki.

Älä niele 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 fi batterija ċatta qisha buttuna żghira.

Jekk din il-batterija ċatta tinbelha, tista' tikkawża ħruq intern sever f'temm sagħtejn u tista' twassal għall-mewt.

Żomm il-batteriji godda 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 għajnunha 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 ħruq ta' likwidu jew gass f'ammabbli.

Tużax/taħżinx f'ambjent b'temperatura għolja ħafna jew pressjoni estremament baxxa minħabba f'altitudni għolja ħafna.

Tipprovax taħraq, tgħaffeg jew taqta' l-batterija ħażina.



See tähis on ohutus-/hoiatusmärgis.

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 patareid 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!

Plahvatus- 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.

Vegyí égés veszély

Ez a termék gombaelemeket tartalmaz.

Ha lenyeli a gombaelemeket, 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, szétörni 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 batérii 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/nepřinášajte do prostredia s extrémne vysokou teplotou alebo extrémne nízkym tlakom vo veľmi vysokej nadmorskej výške.

Použitú batériu sa nepokúšajte spaľovať, drviť ani prezerať.

 Táto značka je bezpečnostná varovná značka.

Baterii nepolykejte.

Nebezpečí poleptání žiravinou.

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 kemičnih 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.

Novo 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 / įspėjamosis ženklas.

Neprarykite elemento.

Cheminių nudegimų 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 sproginimo pavojus.

Elementą pakeiskite tokio paties tipo gaminiu.

DĖMESIO

Sproginimo 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 šķidrums 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.



Niniešzy znak jest znakami bezpieczeństwa/ostrzeżenia.

Nie wolno polykać 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 wyciekami 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-/viðvörðunarmerki.

Gleypið ekki rafhlöðuna.

Hætta á efnabruna

Þessi vara inniheldur flata rafhlöðu.

Ef rafhlaðan er gleypst 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 rafhlöðuhólfíð 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.



Þetta merki er sikkerhets-/advarselsmerke.

Du må ikke spise batterier.

Fare for kjemisk forbrenning

Þetta 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 antennerlig 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.

ATENȚIE!

Risc de explozie în cazul înlocuirii bateriei cu una de alt tip.

Înlocuiți bateria cu una de același tip.

ATENȚIE!

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 opekline

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 përtpni 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,, ndërpriti 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-ligijiet lokali.
Kasutatud patareide utiliseerimine toimub vastavalt kohalikule seadusele.
A használt elemek megsemmisítése a helyi jogszabályok értelmében történik.
Použitá batérie sa likvidujú podľa miestnych zákonov.
Použitá 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 United Kingdom

Receiver: Model: 23ABB

Transmitter: Model: 14CCM

Operation frequency: 433.58/434.42 MHz

Maximum output power (ERP): 0.01 mW

Manufacturer: DENSO CORPORATION

Address: 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661
Japan

Hereby, DENSO CORPORATION declares that the radio equipment type is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

<https://www.denso.com/global/en/contact-us/doc/>

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/>





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.

Dispose of used batteries according to the local laws.

► For vehicles sold in Ukraine

приймач: модель : 23ABB

передавач: модель : 14CCM
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 радіобладнання відповідає
Технічному регламенту радіобладнання;

повний текст декларації про відповідність доступний на веб-сайті за такою адресою:

<https://www.denso.com/global/en/contact-us/doc/>



טויוטה מוטור אירופה נוֹסָא, 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 : מערכת כניסה מרחוק ללא מפתח ו- TPMS (מקלט)	
דגם	: 23ABB
ארץ ייצור	: יפן
מוצר: כרטיס חכם	
דגם	: 14CCM
ארץ ייצור	: יפן

Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type B2C2K2R is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

<http://www.tokai-rika.co.jp/pc>

Frequency band: 433.050 - 434.790 MHz
Maximum radio-frequency power: 10mW(ERP)

TOKAI RIKA CO., LTD. vakuuttaa, että radiolaitetyyppi B2C2K2R on direktiivin 2014/53/EU mukainen.

EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:

<http://www.tokai-rika.co.jp/pc>

Radiotaajuus: 433.050 - 434.790 MHz
suurin mahdollinen lähetysteho: 10mW(ERP)

Hierbij verklaar ik, TOKAI RIKA CO., LTD., dat het type radioapparatuur B2C2K2R conform is met Richtlijn 2014/53/EU.

De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:

<http://www.tokai-rika.co.jp/pc>

Frequentieband: 433.050 - 434.790 MHz
Maximaal radiofrequentievermogen: 10mW(ERP)

Le soussigné, TOKAI RIKA CO., LTD., déclare que l'équipement radioélectrique du type B2C2K2R est conforme à la directive 2014/53/UE.

Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:

<http://www.tokai-rika.co.jp/pc>

Bande de fréquences: 433.050 - 434.790 MHz
Puissance de radiofréquence maximale: 10mW(ERP)

Härmed försäkrar TOKAI RIKA CO., LTD. att denna typ av radioutrustning B2C2K2R överensstämmer med direktiv 2014/53/EU.

Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:

<http://www.tokai-rika.co.jp/pc>

Frekvensband: 433.050 - 434.790 MHz
Maximal radiofrekvenseffekt: 10mW(ERP)

Hermed erklærer TOKAI RIKA CO., LTD., at radioudstyrstypen B2C2K2R er i overensstemmelse med direktiv 2014/53/EU.

EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:

<http://www.tokai-rika.co.jp/pc>

Frekvensbånd: 433.050 - 434.790 MHz
Maksimal radiofrekvenseffekt: 10mW(ERP)

Hiermit erklärt TOKAI RIKA CO., LTD., dass der Funkanlagentyp B2C2K2R der Richtlinie 2014/53/EU entspricht.

Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:

<http://www.tokai-rika.co.jp/pc>

Frequenzband: 433.050 - 434.790 MHz
Abgestrahlte maximale Sendeleistung: 10mW(ERP)

Με την παρούσα ο/η TOKAI RIKA CO., LTD., δηλώνει ότι ο ραδιοεξοπλισμός B2C2K2R πληροί την οδηγία 2014/53/EE.

Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:

<http://www.tokai-rika.co.jp/pc>

Ζώνη συχνοτήτων: 433.050 - 434.790 MHz
Μέγιστη ισχύς ραδιοσυχνότητας: 10mW(ERP)

Il fabbricante, TOKAI RIKA CO., LTD., dichiara che il tipo di apparecchiatura radio B2C2K2R è conforme alla direttiva 2014/53/UE.

Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:

<http://www.tokai-rika.co.jp/pc>

Banda di frequenza: 433.050 - 434.790 MHz
Potenza massima radiofrequenza: 10mW(ERP)

Por la presente, TOKAI RIKA CO., LTD. declara que el tipo de equipo radioeléctrico B2C2K2R es conforme con la Directiva 2014/53/UE.

El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:

<http://www.tokai-rika.co.jp/pc>

Banda de frecuencia: 433.050 - 434.790 MHz

Potencia máxima de radiofrecuencia: 10mW(ERP)

O(a) abaixo assinado(a) TOKAI RIKA CO., LTD. declara que o presente tipo de equipamento de rádio B2C2K2R está em conformidade com a Diretiva 2014/53/UE.

O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:

<http://www.tokai-rika.co.jp/pc>

Banda de frequência: 433.050 - 434.790 MHz

Potência máxima de radiofrequências: 10mW(ERP)

B'dan, TOKAI RIKA CO., LTD., niddikjara li dan it-tip ta' tagħmir tar-radju B2C2K2R huwa konformi mad-Direttiva 2014/53/UE.

It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej:

<http://www.tokai-rika.co.jp/pc>

Tíðnisvið: 433.050 - 434.790 MHz

Hámarks útvarpsbylgjutíðni: 10mW(ERP)

Käesolevaga deklareerib TOKAI RIKA CO., LTD., et käesolev raadioseadme tüüp B2C2K2R vastab direktiivi 2014/53/EL nõuetele.

ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:

<http://www.tokai-rika.co.jp/pc>

Sagedusriba: 433.050 - 434.790 MHz

Maksimaalne saatevõimsus: 10mW(ERP)

TOKAI RIKA CO., LTD. igazolja, hogy a B2C2K2R típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.

Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:

<http://www.tokai-rika.co.jp/pc>

Frekvenciasáv: 433.050 - 434.790 MHz

Maximális jelerősség: 10mW(ERP)

TOKAI RIKA CO., LTD. týmto vyhlasuje, že rádiové zariadenie typu B2C2K2R je v súlade so smernicou 2014/53/EÚ.

Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:

<http://www.tokai-rika.co.jp/pc>

Frekvenčné pásmo: 433.050 - 434.790 MHz

Maximálny rádiový výkon: 10mW(ERP)

Tímto TOKAI RIKA CO., LTD. prohlašuje, že typ rádiového zařízení B2C2K2R je v souladu se směrnicí 2014/53/EU.

Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:

<http://www.tokai-rika.co.jp/pc>

Kmitočtové pásmo: 433.050 - 434.790 MHz
Maximální radiofrekvenční výkon: 10mW(ERP)

TOKAI RIKA CO., LTD. potvrzuje, da je tip radijske opreme B2C2K2R skladen z Direktivo 2014/53/EU.

Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:

<http://www.tokai-rika.co.jp/pc>

Frekvenčni pas: 433.050 - 434.790 MHz
Največja moč radijske frekvence: 10mW(ERP)

Aš, TOKAI RIKA CO., LTD., patvirtinu, kad radijo įrenginių tipas B2C2K2R atitinka Direktyvą 2014/53/ES.

Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:

<http://www.tokai-rika.co.jp/pc>

Dažnių juosta: 433.050 - 434.790 MHz
Didžiausia radijo dažnių galia: 10mW(ERP)

Ar šo TOKAI RIKAI CO., LTD. deklarē, ka radioiekārta B2C2K2R atbilst Direktīvai 2014/53/ES.

Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:

<http://www.tokai-rika.co.jp/pc>

Frekvenču josla: 433.050 - 434.790 MHz
Maksimālā radiofrekvenču jauda: 10mW(ERP)

TOKAI RIKAI CO., LTD. niniešzym oświadcza, że typ urządzenia radiowego B2C2K2R jest zgodny z dyrektywą 2014/53/UE.

Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:

<http://www.tokai-rika.co.jp/pc>

Zakres częstotliwości: 433.050 - 434.790 MHz
Maksymalna moc częstotliwości radiowej: 10mW(ERP)

TOKAI RIKAI CO., LTD. lýsir því hér með yfir að fjarskiptatækið af gerð B2C2K2R er í samræmi við tilskipun 2014/53/EU.

Öll ESB-samræmisýfirlýsingin er tiltæk á eftirfarandi vefslóð:

<http://www.tokai-rika.co.jp/pc>

Tíðnisvið: 433.050 - 434.790 MHz
Hámarks útværpsbylgjutíðni: 10mW(ERP)

TOKAI RIKAI CO., LTD. erklærer herved at radioutstyrtypen B2C2K2R er i samsvar med direktivet 2014/53/EU.

Hele teksten av EU-samsvarserklæringen kan leses på det følgende nettstedet:

<http://www.tokai-rika.co.jp/pc>

Frekvensbånd: 433.050 - 434.790 MHz
Maksimal radiofrekvensseffekt: 10mW(ERP)

С настоящото TOKAI RIKAI CO., LTD. декларира, че този тип радиосъоръжение B2C2K2R е в съответствие с Директива 2014/53/ЕС.

Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес:

<http://www.tokai-rika.co.jp/pc>

Радиочестотна лента: 433.050 - 434.790 MHz
Максимална радиочестотна мощност: 10mW(ERP)

Prin prezenta, TOKAI RIKAI CO., LTD. declară că tipul de echipamente radio B2C2K2R este în conformitate cu Directiva 2014/53/UE.

Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:

<http://www.tokai-rika.co.jp/pc>

Banda de frecvență: 433.050 - 434.790 MHz
Puterea maximă de radiofrecvență: 10mW(ERP)

Ovime TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa B2C2K2R u skladu sa Direktivom 2014/53/EU.

Potpuni tekst EU deklaracije o usaglašenosti dostupan je na slijedećoj internet adresi:

<http://www.tokai-rika.co.jp/pc>

Frekvencijski opseg: 433.050 - 434.790 MHz
Maksimalna radio-frekvencijska snaga: 10mW(ERP)

Me anë të këtij dokumenti, TOKAI RIKA CO., LTD. deklararon se tipi i radiopajisjes B2C2K2R është në përputhje me Direktivën 2014/53/EU.

Teksti i plotë i deklaratës së konformitetit të Bashkimit Evropian është i disponueshëm në adresën e mëposhtme të internetit:

<http://www.tokai-rika.co.jp/pc>

Brezi i frekuencës: 433.050 - 434.790 MHz
Fuqia maksimale e radiofrekuencës: 10mW(ERP)

TOKAI RIKA CO., LTD. ovime izjavljuje da je radijska oprema tipa B2C2K2R u skladu s Direktivom 2014/53/EU.

Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:

<http://www.tokai-rika.co.jp/pc>

Frekvencijski pojas: 433.050 - 434.790 MHz
Maksimalna RF snaga: 10mW(ERP)

Ovim TOKAI RIKAI CO., LTD. potvrđuje da je radio-oprema tipa B2C2K2R u skladu sa Direktivom 2014/53/EU.

Potpuni tekst EU deklaracije o usaglašenosti dostupan je na sledećoj internet adresi:

<http://www.tokai-rika.co.jp/pc>

Frekventni opseg: 433.050 - 434.790 MHz

Maksimalna radio-frekventna snaga: 10mW(ERP)

TOKAI RIKAI CO., LTD., işbu belgeyle telsiz cihazı türünün B2C2K2R 2014/53/EU nolu Direktif ile uyumlu olduğunu beyan etmektedir.

AB uygunluk beyanının tam metnine aşağıdaki internet adresinden ulaşabilirsiniz:

<http://www.tokai-rika.co.jp/pc>

Frekans bandı: 433.050 - 434.790 MHz

Maksimum radyo frekans gücü: 10mW(ERP)



Address: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

<p>⚠: This mark is a safety/warning mark.</p> <ul style="list-style-type: none"> • Do not ingest battery. <p>Chemical Burn Hazard</p> <ul style="list-style-type: none"> • 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. <p>CAUTION</p> <ul style="list-style-type: none"> • Risk of explosion if the battery is replaced by an incorrect type. • Replace battery with the same type. <p>CAUTION</p> <ul style="list-style-type: none"> • Risk of explosion or the leakage of flammable liquid or gas. <ul style="list-style-type: none"> • 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.
<p>⚠ : Tämä on turva-/varoituserkki.</p> <ul style="list-style-type: none"> • Paristoa ei saa laittaa suuhun. <p>Kemiallisen palovamman vaara</p> <ul style="list-style-type: none"> • 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. <p>TÄRKEÄ HUOMAUTUS</p> <ul style="list-style-type: none"> • Käytetyn pariston vaihtaminen tyypiltään väärään voi aiheuttaa räjähdysvaaran. • Vaihda paristo tyypiltään samanlaiseen. <p>TÄRKEÄ HUOMAUTUS</p> <ul style="list-style-type: none"> • Räjähdysvaara tai syttyvän nesteen tai kaasun vuotovaara. <ul style="list-style-type: none"> • 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 alta 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 zommu '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 trixxija ta' likwidu jew gass f'jammabbli.
- Tużahx / taħznux / 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.

Vegyí 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, fűggesse 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 prehlnutiu batérie.

Nebezpečenstvo poleptania chemikáliou

- Tento výrobok obsahuje mincovú/gombíkovú batériu.
- Ak dôjde k prehlnutiu 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 prehlnutiu 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/nepřinášajte 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 bezpečnostným/výstražným symbolom.

- 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/jspėjamasis ženklas.

- Neprarykite baterijos.

Cheminių nudegimų 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 sproginimo pavojus.
- Pakeiskite seną bateriją tik to paties tipo nauja baterija.

PERSPĖJIMAS

- Sproginimo 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.

⚠ : Št 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 šķidrums 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 dotyčaj 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 wносить do takiego otoczenia.

- Nie podejmować prób spalania, 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 bănuți 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 opekline

- 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 gleypst getur hún valdið alvarlegum innvortis brunna á innan við 2 klukkustundum sem getur leitt til dauða.
- Geymið nýjar og notaðar rafhlöður þar sem börn ná ekki til.
- Ef rafhlöðuhólfíð 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-/knappcellebatteri.
- Dersom mynt-/knappcellebatteriet 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 dovesti 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 trupit, 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 digjini, 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 sata 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 Ukraine

Справжнім TOKAI RIKAI CO., LTD. заявляє, що тип радіобладнання В2С2К2R відповідає Технічному регламенту радіобладнання;
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.
- Замінійте батарейку на батарейку такого ж самого типу.

ОБЕРЕЖНО

- Ризик вибуху або витoku 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.

► For vehicles sold in United Kingdom

Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type B2C2K2R 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

Maximum radio-frequency power: 10mW(ERP)



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.

Hereby, TOYOTA MOTOR CORPORATION declares that the radio equipment type TMLF15-1 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

<http://www.tokai-rika.co.jp/pc>

Frequency band: 119 - 135 kHz

Maximum radio-frequency power: 55dB μ A/m @10m

TOYOTA MOTOR CORPORATION vakuuttaa, että radiolaitetyyppi TMLF15-1 on direktiivin 2014/53/EU mukainen.

EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:

<http://www.tokai-rika.co.jp/pc>

Radiotaajuus: 119 - 135 kHz

suurin mahdollinen lähetysteho: 55dB μ A/m @10m

Hierbij verklaar ik, TOYOTA MOTOR CORPORATION, dat het type radioapparatuur TMLF15-1 conform is met Richtlijn 2014/53/EU.

De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:

<http://www.tokai-rika.co.jp/pc>

Frequentieband: 119 - 135 kHz

Maximaal radiofrequentievermogen: 55dB μ A/m @10m

Le soussigné, TOYOTA MOTOR CORPORATION, déclare que l'équipement radioélectrique du type TMLF15-1 est conforme à la directive 2014/53/UE.

Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:

<http://www.tokai-rika.co.jp/pc>

Bande de fréquences: 119 - 135 kHz

Puissance de radiofréquence maximale: 55dB μ A/m @10m

Härmed försäkrar TOYOTA MOTOR CORPORATION att denna typ av radioutrustning TMLF15-1 överensstämmer med direktiv 2014/53/EU.

Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:

<http://www.tokai-rika.co.jp/pc>

Frekvensband: 119 - 135 kHz

Maximal radiofrekvensseffekt: 55dB μ A/m @10m

Hermed erklærer TOYOTA MOTOR CORPORATION, at radioudstyrstypen TMLF15-1 er i overensstemmelse med direktiv 2014/53/EU.

EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:

<http://www.tokai-rika.co.jp/pc>

Frekvensbånd: 119 - 135 kHz

Maksimal radiofrekvensseffekt: 55dB μ A/m @10m

Hiermit erklärt TOYOTA MOTOR CORPORATION, dass der Funkanlagentyp TMLF15-1 der Richtlinie 2014/53/EU entspricht.

Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:

<http://www.tokai-rika.co.jp/pc>

Frequenzband: 119 - 135 kHz

Abgestrahlte maximale Sendeleistung: 55dBμA/m @10m

Με την παρούσα ο/η TOYOTA MOTOR CORPORATION, δηλώνει ότι ο ραδιοεξοπλισμός TMLF15-1 πληροί την οδηγία 2014/53/ΕΕ.

Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:

<http://www.tokai-rika.co.jp/pc>

Ζώνη συχνότητων: 119 - 135 kHz

Μέγιστη ισχύς ραδιοσυχνότητας: 55dBμA/m @10m

Il fabbricante, TOYOTA MOTOR CORPORATION, dichiara che il tipo di apparecchiatura radio TMLF15-1 è conforme alla direttiva 2014/53/UE.

Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:

<http://www.tokai-rika.co.jp/pc>

Banda di frequenza: 119 - 135 kHz

Potenza massima radiofrequenza: 55dBμA/m @10m

Por la presente, TOYOTA MOTOR CORPORATION declara que el tipo de equipo radioeléctrico TMLF15-1 es conforme con la Directiva 2014/53/UE.

El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:

<http://www.tokai-rika.co.jp/pc>

Banda de frecuencia: 119 - 135 kHz

Potencia máxima de radiofrecuencia: 55dB μ A/m @10m

O(a) abaixo assinado(a) TOYOTA MOTOR CORPORATION declara que o presente tipo de equipamento de rádio TMLF15-1 está em conformidade com a Diretiva 2014/53/UE.

O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:

<http://www.tokai-rika.co.jp/pc>

Banda de frequência: 119 - 135 kHz

Potência máxima de radiofrequências: 55dB μ A/m @10m

B'dan, TOYOTA MOTOR CORPORATION, niddikjara li dan it-tip ta' tagħmir tar-radju TMLF15-1 huwa konformi mad-Direttiva 2014/53/UE.

It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej:

<http://www.tokai-rika.co.jp/pc>

Tíðnisvið: 119 - 135 kHz

Hámarks útvarpsbylgjutíðni: 55dB μ A/m @10m

Käesolevaga deklareerib TOYOTA MOTOR CORPORATION, et käesolev raadioseadme tüüp TMLF15-1 vastab direktiivi 2014/53/EL nõuetele.

ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:

<http://www.tokai-rika.co.jp/pc>

Sagedusriba: 119 - 135 kHz

Maksimaalne saatevõimsus: 55dB μ A/m @10m

TOYOTA MOTOR CORPORATION igazolja, hogy a TMLF15-1 típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.

Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:

<http://www.tokai-rika.co.jp/pc>

Frekvenciasáv: 119 - 135 kHz

Maximális jelerősség: 55dB μ A/m @10m

TOYOTA MOTOR CORPORATION týmto vyhlasuje, že rádiové zariadenie typu TMLF15-1 je v súlade so smernicou 2014/53/EÚ.

Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:

<http://www.tokai-rika.co.jp/pc>

Frekvenčné pásmo: 119 - 135 kHz

Maximálny rádiový výkon: 55dB μ A/m @10m

Tímto TOYOTA MOTOR CORPORATION prohlašuje, že typ rádiového zařízení TMLF15-1 je v souladu se směrnicí 2014/53/EU.

Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:

<http://www.tokai-rika.co.jp/pc>

Kmitočtové pásmo: 119 - 135 kHz

Maximální radiofrekvenční výkon: 55dB μ A/m @10m

TOYOTA MOTOR CORPORATION potvrzuje, da je tip radijske opreme TMLF15-1 skladen z Direktivo 2014/53/EU.

Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:

<http://www.tokai-rika.co.jp/pc>

Frekvenčni pas: 119 - 135 kHz

Največja moč radijske frekvence: 55dB μ A/m @10m

Aš, TOYOTA MOTOR CORPORATION, patvirtinu, kad radijo įrenginių tipas TMLF15-1 atitinka Direktyvą 2014/53/ES.

Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:

<http://www.tokai-rika.co.jp/pc>

Dažnių juosta: 119 - 135 kHz

Didžiausia radijo dažnių galia: 55dB μ A/m @10m

Ar šo TOYOTA MOTOR CORPORATION deklarē, ka radioiekārta TMLF15-1 atbilst Direktīvai 2014/53/ES.

Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:

<http://www.tokai-rika.co.jp/pc>

Frekvenču josla: 119 - 135 kHz

Maksimālā radiofrekvenču jauda: 55dB μ A/m @10m

TOYOTA MOTOR CORPORATION niniešzym oświadcza, że typ urządzenia radiowego TMLF15-1 jest zgodny z dyrektywą 2014/53/UE.

Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:

<http://www.tokai-rika.co.jp/pc>

Zakres częstotliwości: 119 - 135 kHz

Maksymalna moc częstotliwości radiowej: 55dB μ A/m @10m

TOYOTA MOTOR CORPORATION lýsir því hér með yfir að fjarskiptatækið af gerð TMLF15-1 er í samræmi við tilskipun 2014/53/EU.

Öll ESB-samræmisýfirlýsingin er tiltæk á eftirfarandi vefslóð:

<http://www.tokai-rika.co.jp/pc>

Tíðnisvið: 119 - 135 kHz

Hámarks útværpsþjgjutíðni: 55dB μ A/m @10m

TOYOTA MOTOR CORPORATION erklærer herved at radioustyrtypen TMLF15-1 er i samsvar med direktivet 2014/53/EU.

Hele teksten av EU-samsvarserklæringen kan leses på det følgende nettstedet:

<http://www.tokai-rika.co.jp/pc>

Frekvensbånd: 119 - 135 kHz

Maksimal radiofrekvensseffekt: 55dB μ A/m @10m

С настоящото TOYOTA MOTOR CORPORATION декларира, че този тип радиосъоръжение TMLF15-1 е в съответствие с Директива 2014/53/ЕС.

Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес:

<http://www.tokai-rika.co.jp/pc>

Радиочестотна лента: 119 - 135 kHz

Максимална радиочестотна мощност: 55dB μ A/m @10m

Prin prezenta, TOYOTA MOTOR CORPORATION declară că tipul de echipamente radio TMLF15-1 este în conformitate cu Directiva 2014/53/UE.

Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:

<http://www.tokai-rika.co.jp/pc>

Banda de frecvență: 119 - 135 kHz

Puterea maximă de radiofrecvență: 55dB μ A/m @10m

Ovime TOYOTA MOTOR CORPORATION potvrđuje da je radio-oprema tipa TMLF15-1 u skladu sa Direktivom 2014/53/EU.

Potpuni tekst EU deklaracije o usaglašenosti dostupan je na slijedećoj internet adresi:

<http://www.tokai-rika.co.jp/pc>

Frekvencijski opseg: 119 - 135 kHz

Maksimalna radio-frekvencijska snaga: 55dB μ A/m @10m

Me anë të këtij dokumenti, TOYOTA MOTOR CORPORATION deklararon se tipi i radiopajisjes TMLF15-1 është në përputhje me Direktivën 2014/53/EU.

Teksti i plotë i deklaratës së konformitetit të Bashkimit Evropian është i disponueshëm në adresën e mëposhtme të internetit:

<http://www.tokai-rika.co.jp/pc>

Brezi i frekuencës: 119 - 135 kHz

Fuqia maksimale e radiofrekuencës: 55dB μ A/m @10m

TOYOTA MOTOR CORPORATION ovime izjavljuje da je radijska oprema tipa TMLF15-1 u skladu s Direktivom 2014/53/EU.

Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:

<http://www.tokai-rika.co.jp/pc>

Frekvencijski pojas: 119 - 135 kHz

Maksimalna RF snaga: 55dB μ A/m @10m

Ovim TOYOTA MOTOR CORPORATION potvrđuje da je radio-oprema tipa TMLF15-1 u skladu sa Direktivom 2014/53/EU.

Potpuni tekst EU deklaracije o usaglašenosti dostupan je na sledećoj internet adresi:

<http://www.tokai-rika.co.jp/pc>

Frekventni opseg: 119 - 135 kHz

Maksimalna radio-frekventna snaga: 55dB μ A/m @10m

TOYOTA MOTOR CORPORATION, işbu belgeyle telsiz cihazı türünün TMLF15-1 2014/53/EU nolu Direktif ile uyumlu olduğunu beyan etmektedir.

AB uygunluk beyanının tam metnine aşağıdaki internet adresinden ulaşabilirsiniz:

<http://www.tokai-rika.co.jp/pc>

Frekans bandı: 119 - 135 kHz

Maksimum radyo frekans gücü: 55dB μ A/m @10m



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

► For vehicles sold in United Kingdom

Hereby, TOYOTA MOTOR CORPORATION declares that the radio equipment type TMLF15-1 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: 119 - 135 kHz

Maximum radio-frequency power: 55dB μ A/m @10m



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

► For vehicles sold in Ukraine

Справжнім TOYOTA MOTOR CORPORATION заявляє, що тип радіообладнання TMLF15-1 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 : 119 - 135 kHz

Максимальна потужність радіочастотного випромінювання :

55dB μ A/m @10m



Адреса: 1, Toyota-cho, Toyota, Aichi-ken, 471-8572, Japan

Millimeter wave radar sensor

Transmitter:	Model: DNMWR009 Operation frequency: 76.5 GHz Maximum output power: 416.87 mW or less
Manufacturer:	DENSO CORPORATION
Address:	1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661 Japan
<p>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/</p>	
01	
<p>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/</p>	
02	
<p>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/</p>	
03	
<p>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/</p>	
04	

Härmed försäkrar DENSO CORPORATION att denna typ av radioutrustning överensstämmer med direktiv 2014/53/EU.
Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:
<https://www.denso.com/global/en/contact-us/doc/>

05

Hermed erklærer DENSO CORPORATION, at radioudstyrstypen er i overensstemmelse med direktiv 2014/53/EU.
EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:
<https://www.denso.com/global/en/contact-us/doc/>

06

Hiermit erklärt DENSO CORPORATION, dass der Funkanlagentyp der Richtlinie 2014/53/EU entspricht.
Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:
<https://www.denso.com/global/en/contact-us/doc/>

07

Με την παρούσα ο/η DENSO CORPORATION, δηλώνει ότι ο ραδιοεξοπλισμός πληροί την οδηγία 2014/53/ΕΕ.
Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:
<https://www.denso.com/global/en/contact-us/doc/>

08

Il fabbricante, DENSO CORPORATION, dichiara che il tipo di apparecchiatura radio è conforme alla direttiva 2014/53/UE.
Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:
<https://www.denso.com/global/en/contact-us/doc/>

09

Por la presente, DENSO CORPORATION declara que el tipo de equipo radioeléctrico es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:
<https://www.denso.com/global/en/contact-us/doc/>

10

O(a) abaixo assinado(a) DENSO CORPORATION declara que o presente tipo de equipamento de rádio está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:
<https://www.denso.com/global/en/contact-us/doc/>

11

B'dan, DENSO CORPORATION, niddikjara li dan it-tip ta' tagħmir tar-radju huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej:
<https://www.denso.com/global/en/contact-us/doc/>

12

Käesolevaga deklareerib DENSO CORPORATION, et käesolev raadioseadme tüüp vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:
<https://www.denso.com/global/en/contact-us/doc/>

13

DENSO CORPORATION igazolja, hogy a típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:
<https://www.denso.com/global/en/contact-us/doc/>

14

<p>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/</p>	15
<p>Týmto 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/</p>	16
<p>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/</p>	17
<p>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/</p>	18
<p>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/</p>	19

DENSO CORPORATION niniejszym oświadcza, że typ urządzenia radiowego jest zgodny z dyrektywą 2014/53/UE.
Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:
<https://www.denso.com/global/en/contact-us/doc/>

20

Hér með lýsir DENSO CORPORATION yfir því að er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU. Samræmisýfirlýsing er einnig aðgengileg á eftirfarandi vefslóð:
<https://www.denso.com/global/en/contact-us/doc/>

21

DENSO CORPORATION erklærer at er i overensstemmelse med direktiv 2014/53/EU.
Samsvarserklæringen i fulltekst er tilgjengelig på følgende internettadresse:
<https://www.denso.com/global/en/contact-us/doc/>

22

С настоящото DENSO CORPORATION декларира, че този тип радиосъоръжение е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес:
<https://www.denso.com/global/en/contact-us/doc/>

23

Prin prezenta, DENSO CORPORATION declară că tipul de echipamente radio este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:
<https://www.denso.com/global/en/contact-us/doc/>

24

DENSO CORPORATION ovime izjavljuje da je radijska oprema tipa u skladu s Direktivom 2014/53/EU.

Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:

<https://www.denso.com/global/en/contact-us/doc/>

25

Овиме, DENSO CORPORATION изјављује да је радио опрема тип усаглашена са Директивом 2014/53/EU.

Цео текст ЕУ декларације о усаглашености доступан је на следећој интернет адреси:

<https://www.denso.com/global/en/contact-us/doc/>

26

Amb aquest document, DENSO CORPORATION declara que el tipus d'equipament radioelèctric es conforme a la Directiva 2014/53/UE.

El text complet de la declaració UE de conformitat està disponible en la següent adreça d'Internet:

<https://www.denso.com/global/en/contact-us/doc/>

27

İşbu belge; DENSO CORPORATION telsiz ekipmanı tipinin 2014/53/AB sayılı Direktif'e uygun olduğunu beyan eder.

AB uygunluk beyanının tam metni aşağıdaki internet adresinde mevcuttur:

<https://www.denso.com/global/en/contact-us/doc/>

28

Transmitter: Model: DNMWR009
Operation frequency: 76.5 GHz
Maximum output power: 416.87 mW or less
Manufacturer: DENSO CORPORATION
Address: 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661
Japan



Hereby, DENSO CORPORATION declares that the radio equipment type is in compliance with 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/>

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/>



UA RF: 3DENS FR09

модель: DNMWR009
смуга радіочастот: 76-77 ГГц
максимальна вихідна потужність: 416.87 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/>

טויוטה מוטור אירופה נולסא, שדרות דו בורגט 60-1140 בריסל,

בלגיה www.toyota-europe.com

מוצר: מכ"מ התראה
סימן רשום: DENSO
ארץ ייצור: ראה מוצר
דגם: DNMWR009
שנת ייצור: ראה מוצר

BSM (Blind Spot Monitor)

Transmitter: Model: DNSRR004
 Operation frequency: 24.15 GHz
 Maximum output power: 20 mW or less
 Manufacturer: DENSO CORPORATION
 Address: 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661
 Japan

D04 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

<p>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/</p>	EU 05
<p>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/</p>	EU 06
<p>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/</p>	EU 07
<p>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/</p>	EU 08
<p>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/</p>	EU 09

<p>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/</p>	EU 10
<p>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/</p>	EU 11
<p>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/</p>	EU 12
<p>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/</p>	EU 13
<p>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/</p>	EU 14

<p>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/</p>	EU 15
<p>Týmto 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/</p>	EU 16
<p>DENSO CORPORATION potvrdzuje, da je tip radijske opreme skladden 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/</p>	EU 17
<p>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/</p>	EU18
<p>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/</p>	EU 19

<p>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/</p>	EU 20
<p>Hér með lýsir DENSO CORPORATION yfir því að er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU. Samræmisýfirlýsing er einnig aðgengileg á eftirfarandi vefslóð: https://www.denso.com/global/en/contact-us/doc/</p>	EU 21
<p>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/</p>	EU 22
<p>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/</p>	EU23
<p>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/</p>	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 доступан 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 Direktife 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: DNSRR004
Operation frequency: 24.15 GHz
Maximum output power: 20 mW or less
Manufacturer: DENSO CORPORATION
Address: 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661
Japan

D04 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: 3DENSR004

модель: DNSRR004
 смуга радіочастот: 24.05-24.25 ГГц
 максимальна вихідна потужність: 20 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/>

D04 UA 01

► For vehicles sold in Israel

IL: 55-08081

D04 IL 05

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 נולסא, שדרות דו בורגט 60-1140 בריסל,
 בלגיה www.toyota-europe.com

IL 03

מוצר : חיישן נסתר
סימן רשום : DENSO
ארץ ייצור : ראה מוצר
דגם : DNSRR004
שנת ייצור : ראה מוצר

D04 IL 06

Tire pressure warning system

• Manufacturer's name: PACIFIC INDUSTRIAL CO., LTD.

• Registered trademark: 

This trademark is registered in the following countries:
UK, Italy, Austria, Greece, Germany, France, Belgium,
the Netherlands, Luxembourg, Portugal.

• Manufacturer's address:

1300-1 Yokoi, Godo-cho, Anpachi-gun, Gifu, 503-2397 JAPAN

• Operating frequency band: 433.05 — 434.79MHz

• Maximum radio-frequency power: 100dB μ V/m@3m(Radiated)

Hereby, PACIFIC INDUSTRIAL CO., LTD. declares that the radio equipment type PMV-E100 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

<https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/>

PACIFIC INDUSTRIAL CO., LTD. vakuuttaa, että radiolaitetyyppi PMV-E100 on direktiivin 2014/53/EU mukainen.

EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:

<https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/>

Hierbij verklaar ik, PACIFIC INDUSTRIAL CO., LTD., dat het type radioapparatuur PMV-E100 conform is met Richtlijn 2014/53/EU.

De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:

<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-E100 est conforme à la directive 2014/53/UE.

Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:

<https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/>

Härmed försäkrar PACIFIC INDUSTRIAL CO., LTD. att denna typ av radioutrustning PMV-E100

överensstämmer med direktiv 2014/53/EU.

Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:

<https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/>

Hermed erklærer PACIFIC INDUSTRIAL CO., LTD., at radioudstyrstypen PMV-E100 er i

overensstemmelse med direktiv 2014/53/EU.

EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:

<https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/>

Hiermit erklährt PACIFIC INDUSTRIAL CO., LTD., dass der Funkanlagentyp PMV-E100 der Richtlinie 2014/53/EU entspricht.

Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:

<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-E100 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-E100 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-E100 es conforme con la Directiva 2014/53/UE.

El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:

<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-E100 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-E100 huwa konformi mad-Direttiva 2014/53/UE.

It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej:

<https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/>

Käesolevaga deklareerib PACIFIC INDUSTRIAL CO., LTD., et käesolev raadioseadme tüüp PMV-E100 vastab direktiivi 2014/53/EL nõuetele.

ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:

<https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/>

PACIFIC INDUSTRIAL CO., LTD. igazolja, hogy a PMV-E100 típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.

Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a 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-E100 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-E100 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-E100 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-E100 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 radioiekārtā PMV-E100 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-E100 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-E100 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU.

Samræmisýfirlýsing er einnig aðgengileg á eftirfarandi vefslóð:

<https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/>

PACIFIC INDUSTRIAL CO., LTD. erklærer at PMV-E100 er i overensstemmelse med direktiv 2014/53/EU.

Samsvarserklæringen i fulltekst er tilgjengelig på følgende internettadresse:

<https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/>

С настоящото PACIFIC INDUSTRIAL CO., LTD. декларира, че този тип радиосъоръжение PMV-E100 е в съответствие с Директива 2014/53/ЕС.

Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес:

<https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/>

Prin prezenta, PACIFIC INDUSTRIAL CO., LTD. declară că tipul de echipamente radio PMV-E100 este în conformitate cu Directiva 2014/53/UE.

Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:

<https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/>

U ovom dokumentu, PACIFIC INDUSTRIAL CO., LTD. deklarirane da je radio oprema model PMV-E100 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-E100 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-E100 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. deklarone se pajisja radio PMV-E100 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/>

Îşbu belge; PACIFIC INDUSTRIAL CO., LTD. telsiz ekipmanı tipinin PMV-E100 2014/53/AB sayılı Direktif' e uygun olduğ unu 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-E100 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)

**UK
CA**

- Manufacturer's name: PACIFIC INDUSTRIAL CO., LTD.

- Registered trademark: 

This trademark is registered in UK.

- 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: 100dB μ V/m@3m(Radiated)

Hereby, PACIFIC INDUSTRIAL CO., LTD. declares that the radio equipment type PMV-E100 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-E100
- **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-Pref., 503-2397
Japan/Японія.

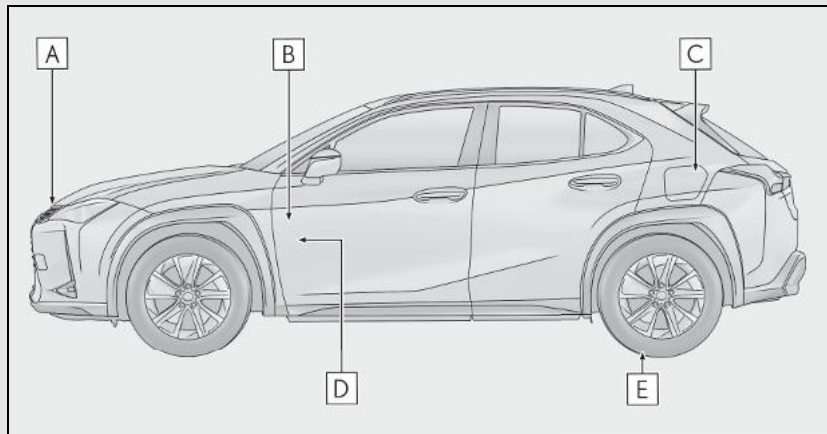
- **Діапазон частот, МГц:** 433,05 – 434,79
- **Максимальна вихідна потужність передавача, мВт (дБм):** 1,0 (0);

• **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/>

"מספר אישור התאמה מטעם משרד התקשורת: 55-06185–"

"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.";

CHARGING STATION INFORMATION



- A** Auxiliary catch lever (→P.385)
- B** Power back door switch* (→P.188)
- C** Charging port lid (→P.91)
- D** Hood lock release lever (→P.385)
- E** Tire inflation pressure (→P.470)

*: If equipped

External power source	P.109
Time needed for charging	P.111
Traction battery type	P.467
Cold tire inflation pressure	P.470