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| **When trouble arises** | What to do in case of malfunction and emergency<br>(Main topics: 12-volt battery discharge, flat tire) | 7 |
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# For your information

## Main Owner's Manual

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

All specifications provided in this manual are current at the time of printing. However, because of the Toyota 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 equipment.

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

## Accessories, spare parts and modification of your Toyota

Both genuine Toyota and a wide variety of other spare parts and accessories for Toyota vehicles are currently available in the market. Should it be determined that any of the genuine Toyota parts or accessories supplied with the vehicle need to be replaced, Toyota recommends that genuine Toyota parts or accessories, be used to replace them. Other parts or accessories of matching quality can also be used. Toyota cannot accept any liability or guarantee spare parts and accessories which are not genuine Toyota products, nor for replacement or installation involving such parts. In addition, damage or performance problems resulting from the use of non-genuine Toyota spare parts or accessories may not be covered under warranty.

Also, remodeling like this will have an effect on advanced safety equipment such as Toyota Safety Sense 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. Toyota does not make any guarantees for problems caused by installing non-genuine Toyota products.

## Installation of an RF-transmitter system

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

- Hybrid system
- Multiport fuel injection system/sequential multiport fuel injection system
- Toyota Safety Sense
- Cruise control system
- Anti-lock brake system
- SRS airbag system
- Seat belt pretensioner system

Be sure to check with any authorized Toyota retailer or Toyota 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 Toyota retailer or Toyota authorized repairer, or any reliable repairer.

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

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

## Vehicle data recording

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

### Data recorded by the computers

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

- Engine speed/Electric motor speed (traction motor speed)
- Accelerator status
- Brake status
- Vehicle speed
- Operation status of the driving assist systems
- Images from the cameras
  Your vehicle is equipped with cameras. Contact any authorized Toyota retailer or Toyota 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 vehi-

cle in certain situations.

■ **Data usage**

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

Toyota 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 Toyota in a lawsuit
- For research purposes where the data is not tied to a specific vehicle or vehicle owner

---

Image information recorded by the vehicle can be erased by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

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

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

## Event data recorder

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

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

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

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

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

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

● Disclosure of the EDR data

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

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

However, if necessary, Toyota may:

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

## Software update

The Data Communication Module (DCM) can be used to perform software updates to improve system performance and change/add functions. For details, refer to "Multimedia owner's manual".

## Scrapping of your Toyota

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

## "QR Code"

The word "QR Code" is registered trademark of DENSO WAVE INCORPORATED in Japan and other countries.

## Caution symbols attached to the high voltage components

High voltage components, such as the power control unit, may have labels attached indicating care required.

Each caution symbol indicates the following:

| Symbols | Meanings |
|---|---|
|  | Indicates danger |
|  | Indicates high voltage part |
|  | Indicates not to touch |
|  | Indicates high temperature part |

**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 side windows, the panoramic 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.

Toyota Motor Europe NV/SA, Avenue du Bourget 60-1140 Brussels, Belgium www.toyota-europe.com

Toyota (GB) PLC Great Burgh, Burgh Heath, Epsom, Surrey, KT18 5UX, UK

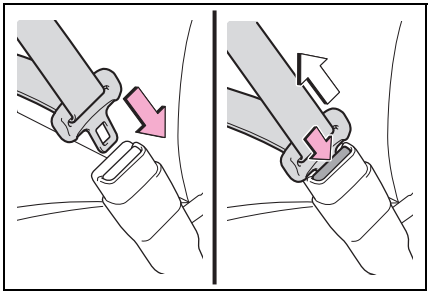
# Reading this manual

## Explains symbols used in this manual

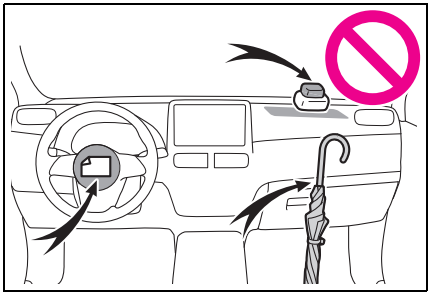
## Symbols in this manual

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

## Symbols in illustrations



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

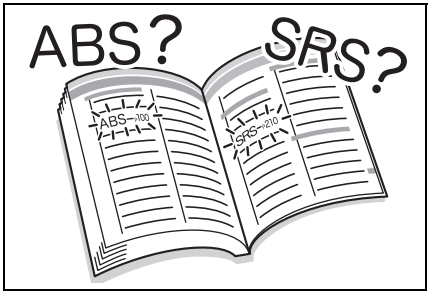


| Symbols | Meanings |
|---|---|
|  | Indicates the component or position being explained. |
|  | Means **Do not**, **Do not do this**, or **Do not let this happen**. |

## How to search

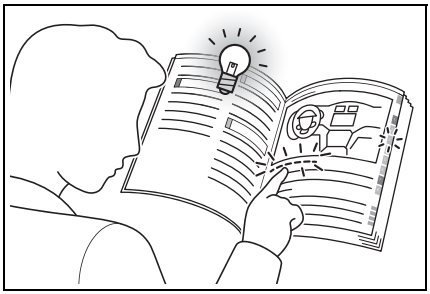
### Searching by name

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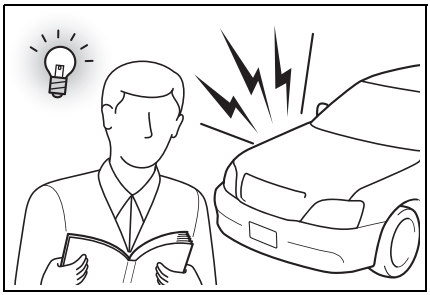

### Searching by installation position

- Pictorial index: →P.14



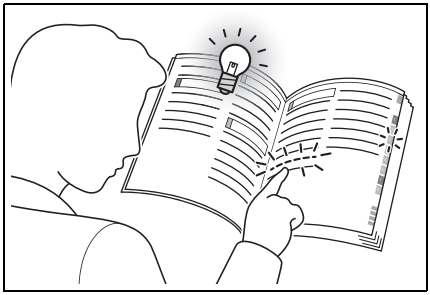
### Searching by symptom or sound

- What to do if... (Troubleshooting): →P.644



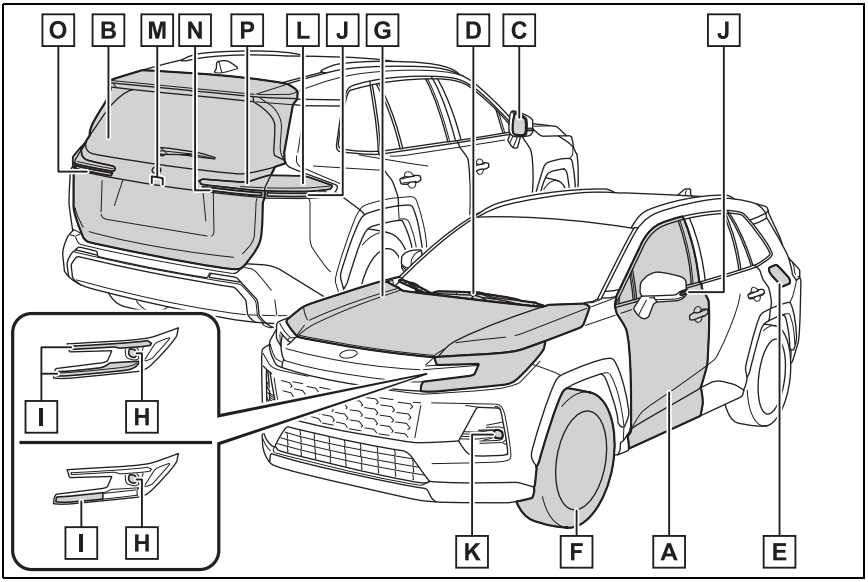
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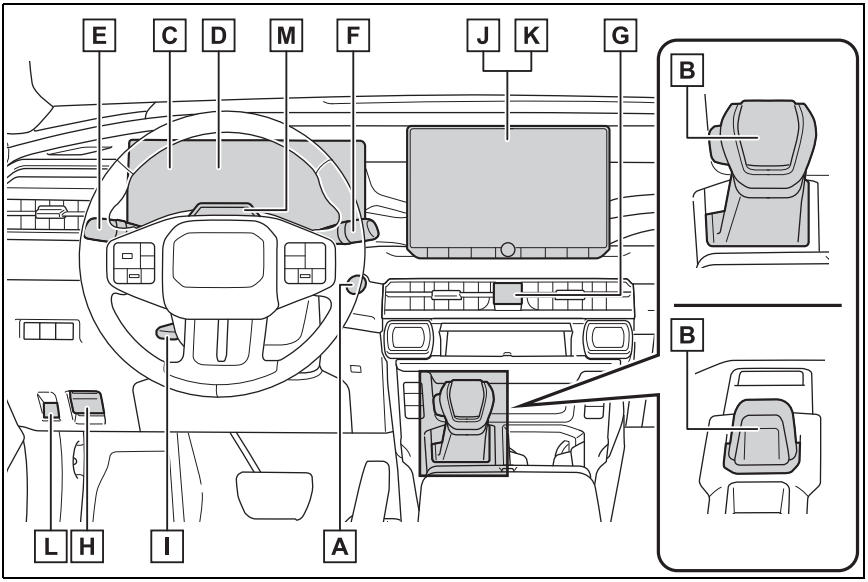
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[*1]: If equipped

[*2]: It may be located on the opposite side depending on the target region.

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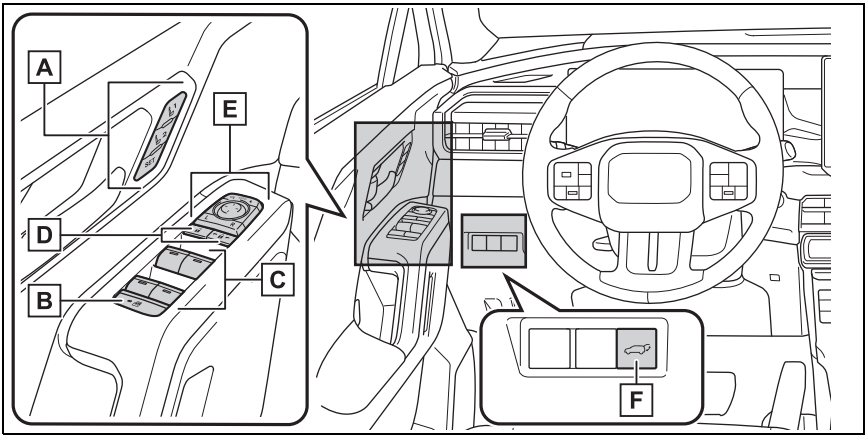
L **Fuel filler door opener switch ..... P.270**

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*1: If equipped

*2: Refer to “Multimedia owner’s manual”.

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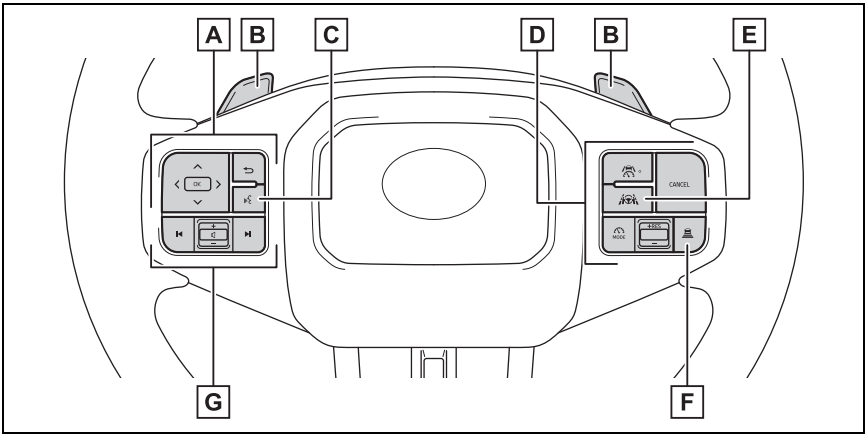
C **Power window switches** ..... **P.185**

D **Door lock switches** ..... **P.142**

E **Outside rear view mirror switches** ..... **P.183**

F **Power back door switch*** ..... **P.147**


*: If equipped



A **Meter control switches** ..... **P.112**

B **Paddle shift switches**[*1] ..... **P.239, 240**

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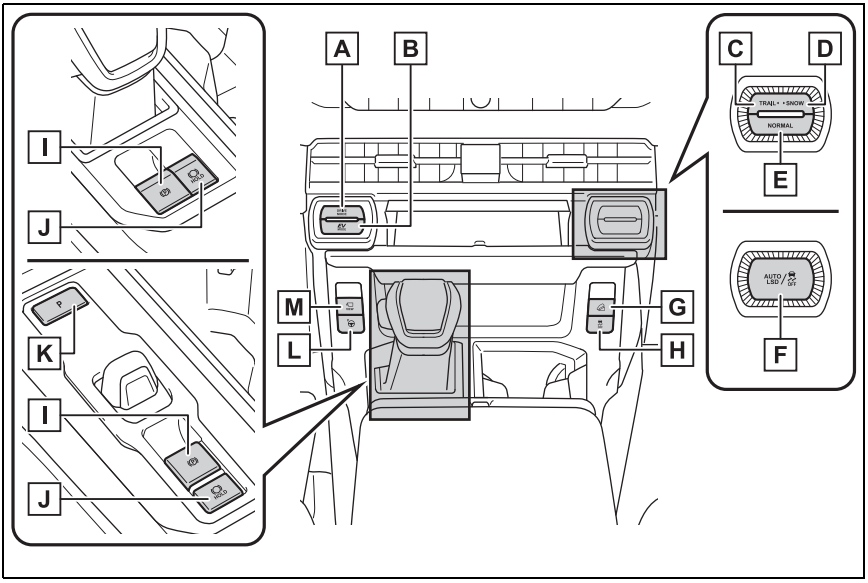
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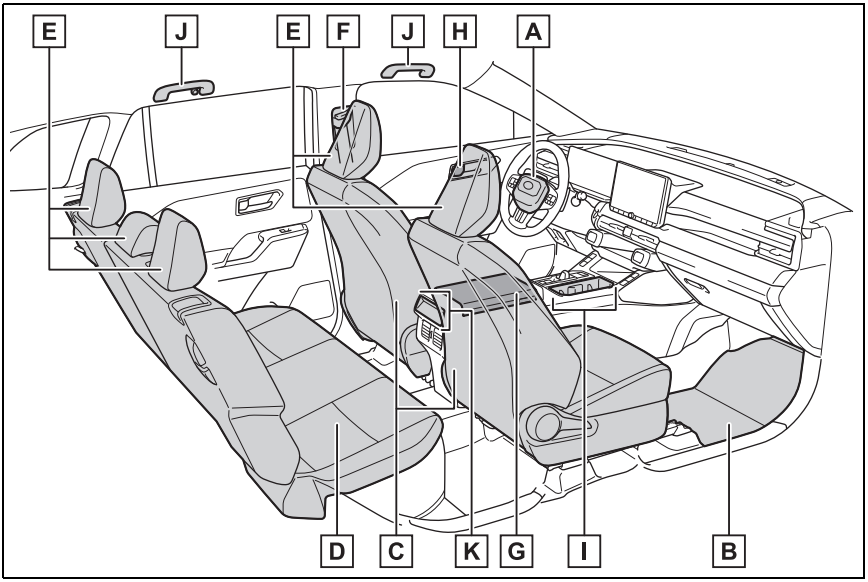
L **Advanced Park (parking assist system) main switch*1 ..... P.406**

M **Camera switch*1, 2**

*1: If equipped

*2: Refer to “Multimedia owner’s manual”.

## ■Interior (Left-hand drive vehicles)





A SRS airbags ..... P.41

B Floor mats ..... P.34

C Front seats ..... P.165

D Rear seats ..... P.166

E Head restraints ..... P.169

F Seat belts ..... P.37

G Console box ..... P.466

H Inside lock buttons ..... P.142

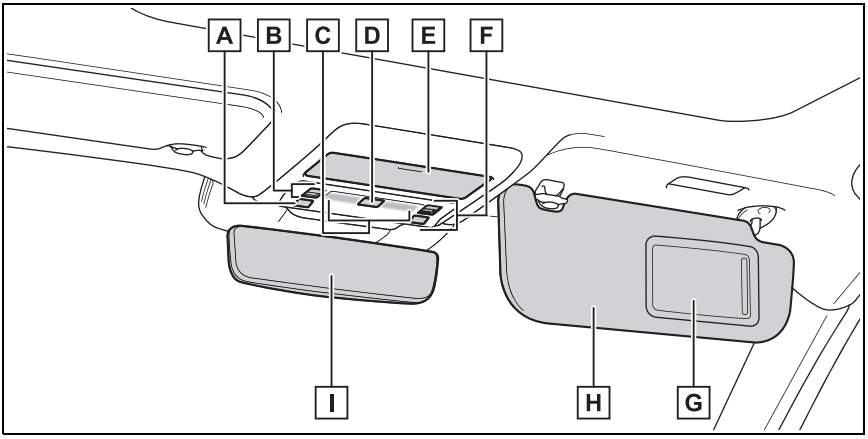
I Cup holders ..... P.467

J Assist grips ..... P.485

K Rear seat heater switches* ..... P.460


*: If equipped

## ■Ceiling (Left-hand drive vehicles)





A **Intrusion sensor and tilt sensor cancel switch*1 ..... P.95**

B **Moon roof switches*1 ..... P.188**
**Electronic sunshade switch*1 ..... P.190**

C **Interior lights*2 ..... P.463**
**Personal lights ..... P.464**

D **"SOS" button*1 ..... P.68, 78**

E **Auxiliary box ..... P.468**

F **Moon roof switches*1 ..... P.188**
**Panoramic moon roof switch*1 ..... P.190**

G **Vanity mirrors ..... P.475**

H **Sun visors*3 ..... P.475**

I **Inside rear view mirror*1 ..... P.172**
**Digital Rear-view Mirror*1 ..... P.173**

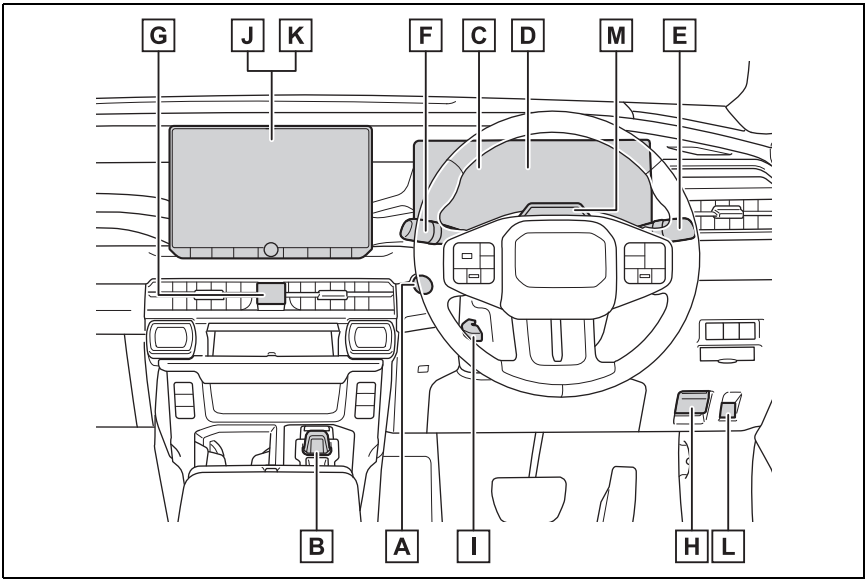

*1: If equipped

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

*3: NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur. (→P.55)


AIRBAG

## ■Instrument panel (Right-hand drive vehicles)





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J **Air conditioning system ..... P.451**

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K **Audio system*2**

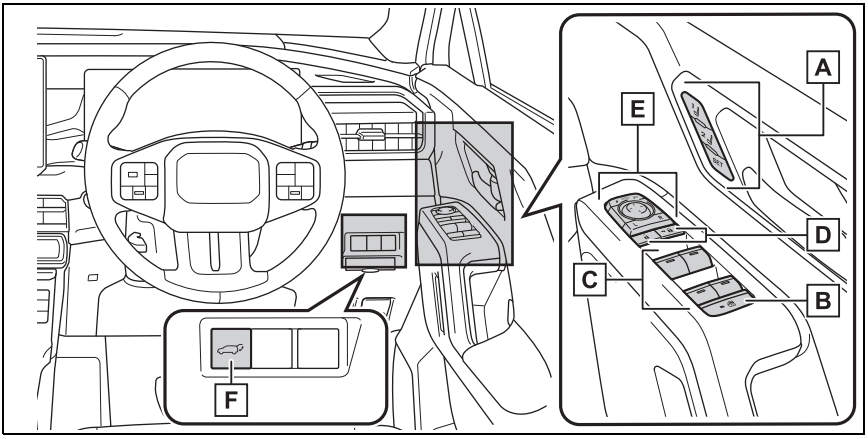
L **Fuel filler door opener switch ..... P.270**

M **Driver monitor camera*1 ..... P.284**

*1: If equipped

*2: Refer to “Multimedia owner’s manual”.

## ■Switches (Right-hand drive vehicles)




A **Driving position memory switches*** ..... P.195

B **Window lock switch** ..... P.187

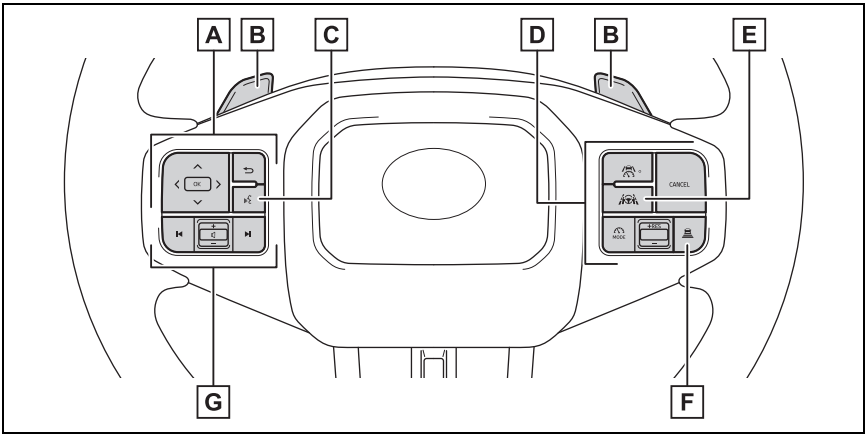
C **Power window switches** ..... P.185

D **Door lock switches** ..... P.142

E **Outside rear view mirror switches** ..... P.183

F **Power back door switch** ..... P.147

*: If equipped



A **Meter control switches** ..... **P.112**

B **Paddle shift switches**[*1] ..... **P.239, 240**

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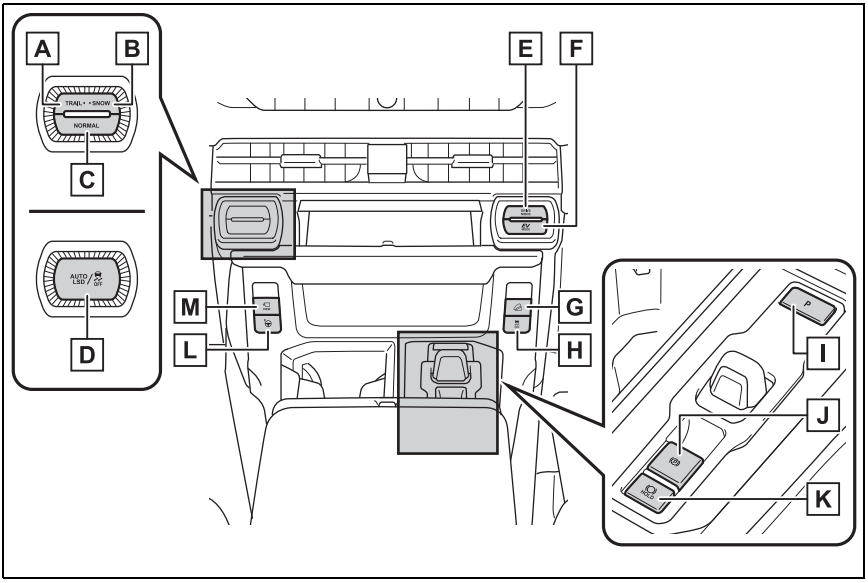
E **LTA (Lane Tracing Assist) switch** ..... **P.297**

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G **Audio remote control switches**[*2]

[*1]: If equipped

[*2]: Refer to “Multimedia owner’s manual”.




A **Trail Mode switch**[*1] ..... **P.427**

B **SNOW mode switch**[*1] ..... **P.433**

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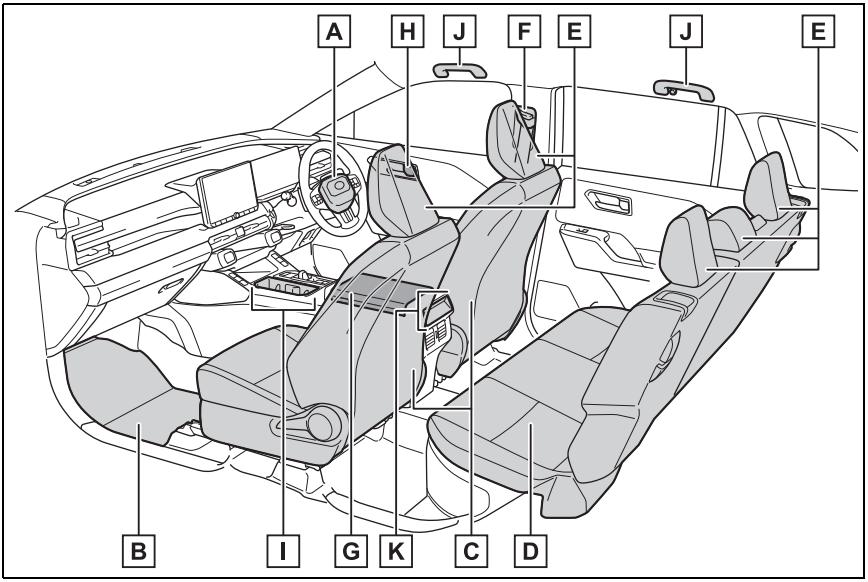
L **Advanced Park (parking assist system) main switch*1 ..... P.406**

M **Camera switch*1, 2**

*1: If equipped

*2: Refer to “Multimedia owner’s manual”.

## ■Interior (Right-hand drive vehicles)





A SRS airbags ..... P.41

B Floor mats ..... P.34

C Front seats ..... P.165

D Rear seats ..... P.166

E Head restraints ..... P.169

F Seat belts ..... P.37

G Console box ..... P.466

H Inside lock buttons ..... P.142

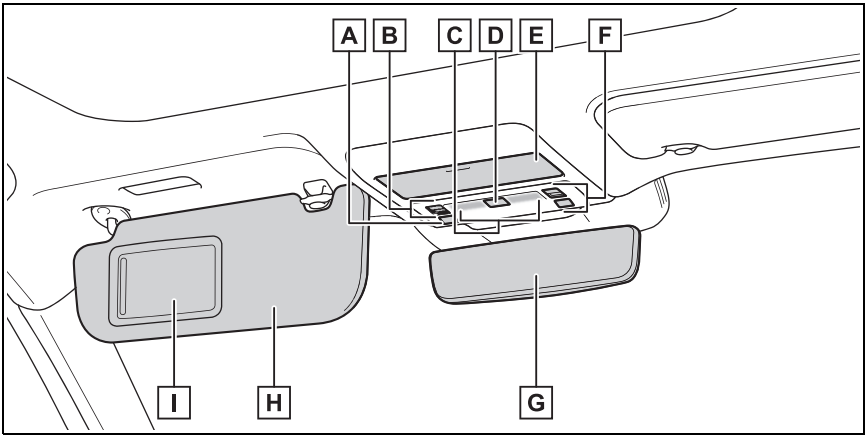
I Cup holders ..... P.467

J Assist grips ..... P.485

K Rear seat heater switches* ..... P.460


*: If equipped

## ■Ceiling (Right-hand drive vehicles)





A **Intrusion sensor and tilt sensor cancel switch*1 ..... P.95**

B **Moon roof switches*1 ..... P.188**
**Electronic sunshade switch*1 ..... P.190**

C **Interior lights*2 ..... P.463**
**Personal lights ..... P.464**

D **"SOS" button ..... P.68**

E **Auxiliary box ..... P.468**

F **Moon roof switches*1 ..... P.188**
**Panoramic moon roof switch*1 ..... P.190**

G **Inside rear view mirror ..... P.172**
**Digital Rear-view Mirror*1 ..... P.173**

H **Sun visors*3 ..... P.475**

I **Vanity mirrors ..... P.475**


*1: If equipped

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

*3: NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur. (→P.55)


AIRBAG

# For safety and security

1

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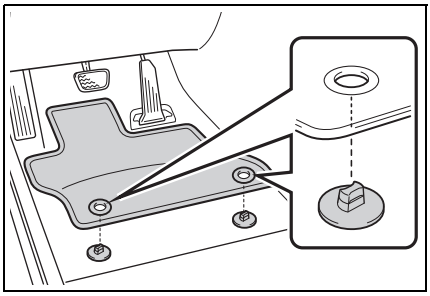
## Before driving

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

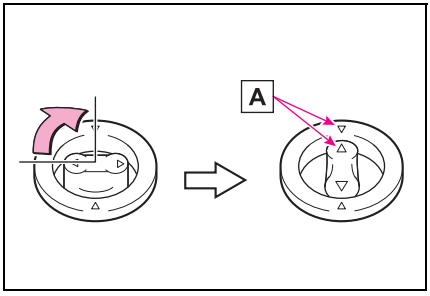
### Installing floor mats

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

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



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




Always align the △ marks A .

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

**WARNING**

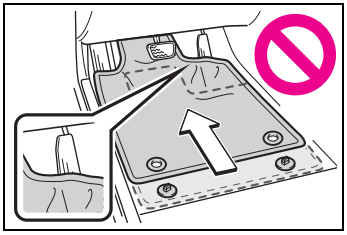
Observe the following precautions. Failure to do so may cause the driver's floor mat to slip, possibly interfering with the pedals while driving. An unexpectedly high speed may result or it may become difficult to stop the vehicle. This could lead to an accident, resulting in death or serious injury.

**■ When installing the driver's floor mat**

- Do not use floor mats designed for other models or different model year vehicles, even if they are Toyota 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.



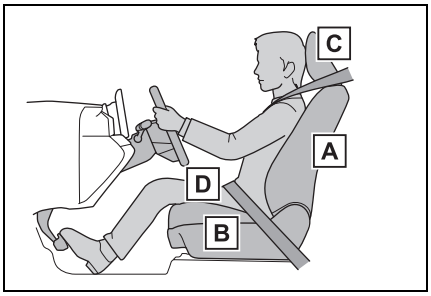
**WARNING**

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

## For safe driving

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

### Correct driving posture




A Adjust the angle of the seatback so that you are sitting straight up and so that you do not have to lean forward to steer. (→P.165)

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.165)

C Lock the head restraint in place with the center of the head restraint closest to the top of your ears. (→P.169)

D Wear the seat belt correctly. (→P.38)

**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.38)

Use a child restraint system appropriate for the child until the child becomes large enough to properly wear the vehicle's seat belt. (→P.51)

## Adjusting the mirrors

Make sure that you can see backward clearly by adjusting the inside rear view mirror (if equipped), Digital Rear-view Mirror (if equipped) and outside rear view mirrors properly. (→P.172, 173, 183)

## 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

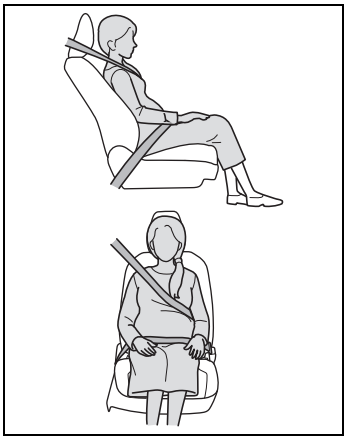
- Ensure that all passengers wear a seat belt.
- Always wear a seat belt properly.
- Each seat belt should be used by one person only. Do not use a seat belt for more than one person at once, including children.
- Toyota recommends that children be seated in the rear seat and always use a seat belt and/or 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.38)

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.38)

### When children are in the vehicle

→P.64

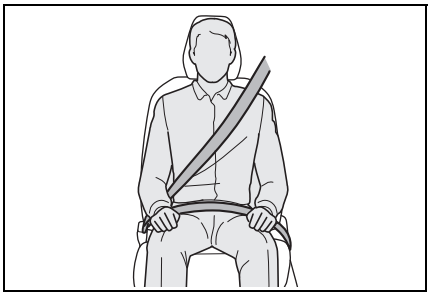
### Seat belt damage and wear

- 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 Toyota retailer or Toyota 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 Toyota retailer or Toyota 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

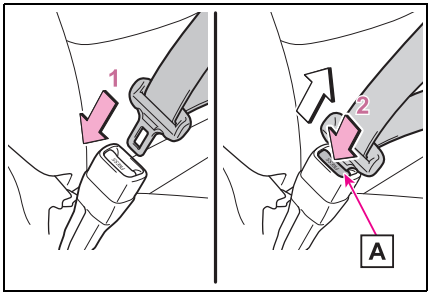
The seat belts of your vehicle were principally designed for persons of adult size.

- Use a child restraint system appropriate for the child, until the child becomes large enough to properly wear the vehicle's seat belt. (→P.51)
- When the child becomes large enough to properly wear the vehicle's seat belt, follow the instructions regarding seat belt usage. (→P.37)

### Seat belt regulations

If seat belt regulations exist in the country where you reside, please contact any authorized Toyota retailer or Toyota 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.

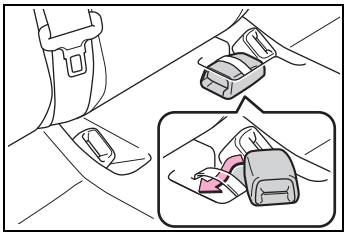
2 To release the seat belt, press the release button A .

■ **Emergency locking retractor (ELR)**

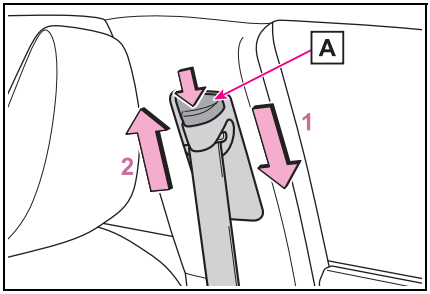
The retractor will lock the belt during a sudden stop or on impact. It may also lock if you lean forward too quickly. A slow, easy motion will allow the belt to extend so that you can move around fully.

■ **After using the rear center seat belt**

Store the buckle.



## 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 while pressing the release button A .

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

**WARNING**

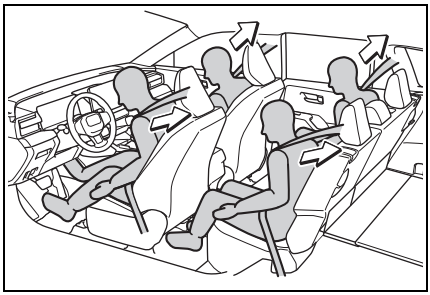
■ **Adjustable shoulder anchor**

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

## Seat belt pretensioners (front and outboard rear seats)

When the vehicle is subjected to a severe frontal or side impact, the pretensioners retract the seat belts of the front seats and rear outer seats to securely restrain the occupants.

The pretensioners will not operate in minor frontal or side impacts, rear impacts, or vehicle rollovers.



■ **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 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

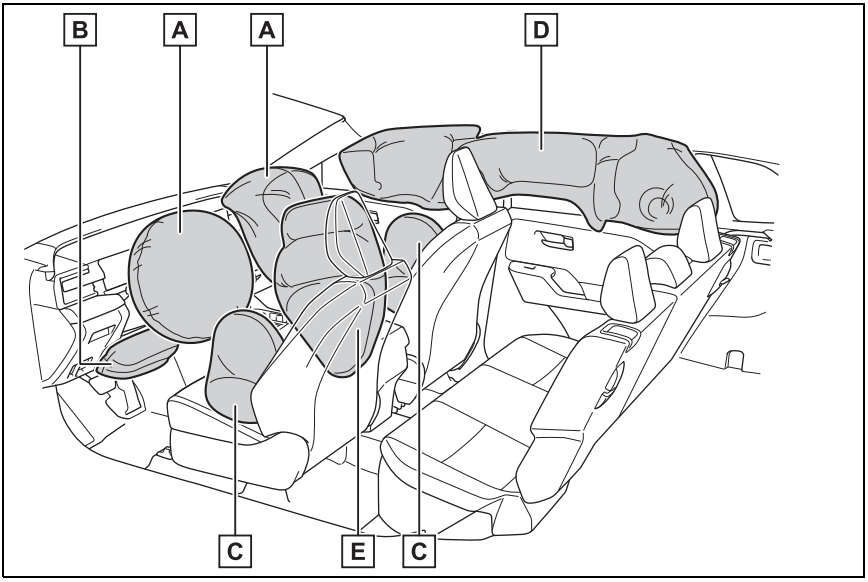
If a pretensioner has operated, the SRS warning light will illuminate. In this situation, the seat belt cannot be used and must be replaced by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
Failure to do so may result in death or serious injury.

# SRS airbags

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

## SRS airbag system

### ■ Location of the SRS airbags




A SRS front airbags (SRS driver airbag/SRS front passenger airbag)

Help reduce impact to the head and chest of the driver and front passenger

B SRS knee airbag

Helps reduce impact to the driver

C SRS side airbags

Help reduce impact to the chest of the occupants of the front seats

D SRS curtain shield airbags

Help reduce impact to the heads of the occupants of the front and rear outer seats

E SRS front center airbag (if equipped)

Helps reduce impact to the head and neck of the occupants of the front seats

The main SRS airbag system components are shown above. The SRS airbag system is controlled by the airbag sensor assembly. As the airbags deploy, a chemical reaction in the inflators quickly fills the airbags with non-toxic gas to help restrain the motion of the occupants.

■ **If the SRS airbags deploy (inflate)**

- Slight abrasions, burns, bruising, etc., may be sustained from SRS airbags, due to the extremely high speed of 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 parts around the airbags may be hot for several minutes. The airbag itself may also be hot.
- The windshield may crack.
- The hybrid system will be stopped and fuel supply to the engine will be stopped. (→P.90)
- All of the doors will be unlocked. (→P.136)
- The brakes and stop lights will be controlled automatically. (→P.435)
- The interior lights will turn on automatically. (→P.462)
- The emergency flashers will turn on automatically. (→P.542)

■ **Emergency call (if equipped)**

- For eCall subscribers, if any of the following situations occur, the system is designed to send an emergency call to the response center.
  - When an SRS airbag has been deployed
  - When a seat belt pretensioner has operated
  - When the vehicle received an impact exceeding a certain level

  Emergency services may be dispatched even if there is no response to calls from the agent.
- For ERA-GLONASS/EVAK subscribers, if any of the following situations occur, the system is designed to send an emergency call to the ERA-GLONASS/EVAK control center.
  - When an SRS airbag has been deployed
  - When a seat belt pretensioner has operated
  - When the vehicle received an impact exceeding a certain level

  Emergency services may be dispatched even if there is no response to calls from the agent.

■ **The SRS airbags deploy in a frontal impact when**

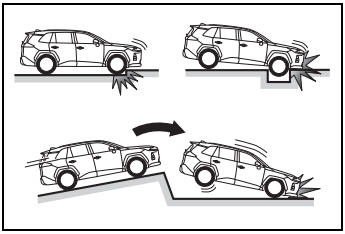
- The following SRS airbags will deploy in the event of an impact that exceeds a threshold level (level of force corresponding to an approximately 20 - 30 km/h [12 - 18 mph] frontal collision with a fixed wall that does not move or deform):
  - SRS front airbags
  - SRS knee airbag
- The threshold level at which the SRS airbags will deploy will be higher than normal in the in the following situations:
  - When the vehicle collides with an object, such as a parked vehicle or sign pole, which moves or deforms 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, only the following may deploy:
  - Seat belt pretensioners
  - SRS knee airbag
- In the event of an especially severe frontal collision, the left and right SRS curtain shield airbags may also deploy.

### The SRS airbags deploy in a side impact when

- The following SRS airbags will deploy in the event of an impact that exceeds the set threshold level (level of force corresponding to the impact force produced by an approximately 1500 kg [3300 lb.] vehicle colliding with the passenger compartment at a perpendicular angle at an approximate speed of 20 - 30 km/h [12 - 18 mph]):
  - SRS side airbags
  - SRS curtain shield airbags
  - SRS front center airbag (if equipped)
- In the event of a side collision, regardless of the impacted side, both the left and right SRS curtain shield airbags will deploy.

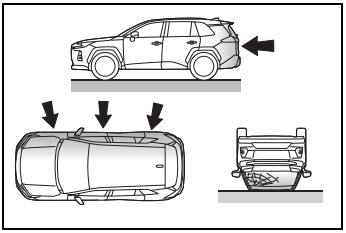
### The SRS airbags deploy in an underside impact when

- The following airbags may deploy if the underside of the vehicle collides with a hard object:
  - SRS front airbags
  - SRS knee airbag
  - SRS side airbags
  - SRS curtain shield airbags

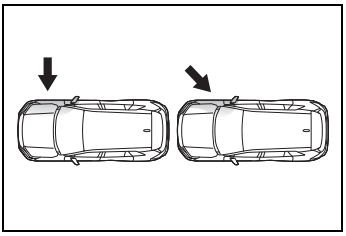


### The SRS airbags will not deploy when

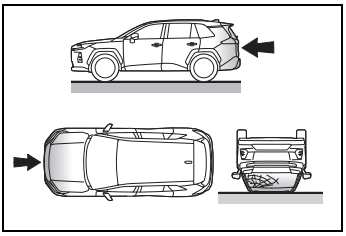
- The following SRS airbags will not normally deploy in side or rear collisions, vehicle rollovers, or low speed frontal collisions. However, if such a collision causes sufficient sudden deceleration, the SRS airbags may deploy.
  - SRS front airbags
  - SRS knee airbag



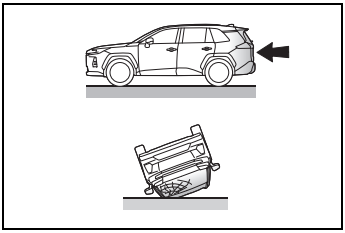
- The following SRS airbags may not deploy if the vehicle is collided with at a certain angle or in a side collision where an area of the vehicle other than the passenger compartment is collided with:
  - SRS side airbags
  - SRS curtain shield airbags
  - SRS front center airbag (if equipped)



- The following SRS airbags will not normally deploy in front or rear collisions, vehicle rollovers, or low speed side collisions:
  - SRS side airbags
  - SRS front center airbag (if equipped)



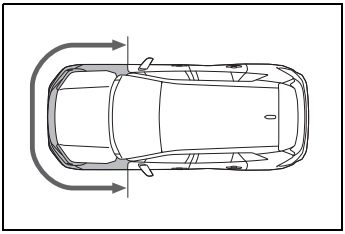
- The following SRS airbags will not normally deploy in rear collisions, vehicle rollovers, or low speed front or side collisions:
  - SRS curtain shield airbags



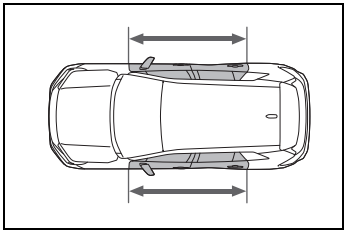
### When to contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer

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

- When any of the SRS airbags have been deployed
- When the front of the vehicle is damaged or deformed, or was involved in a collision that was not severe enough to cause any of the following SRS airbags to deploy:
  - SRS front airbags
  - SRS knee airbag



- When a door or its surrounding area is damaged, deformed or has had a hole made in it, or was involved in a collision that was not severe enough to cause any of the following SRS airbags to deploy:
  - SRS side airbags
  - SRS curtain shield airbags
  - SRS front center airbag (if equipped)



- When the pad section of the steering wheel, the dashboard near the front passenger SRS airbag or the lower side of the instrument panel is scratched, cracked, or otherwise damaged.
- When the surface of a seat with an SRS side airbag or SRS front center airbag (if equipped) is scratched, cracked, or otherwise damaged.
- When the part of a front pillar, rear pillar or roof side rail garnish (padding) which covers a SRS curtain shield airbag is scratched, cracked, or otherwise damaged.

**WARNING**

### SRS airbag precautions

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

- The driver and all passengers must wear their seat belts correctly. The SRS airbags are supplemental devices to be used with the seat belts.

**WARNING**

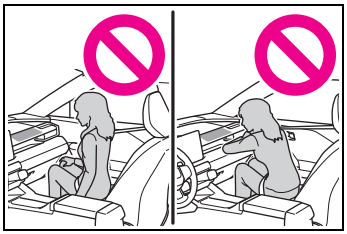
- The SRS driver airbag deploys with considerable force, and can cause death or serious injury, especially if the driver is very close to the airbag.

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 your current driving position places you less than 250 mm (10 in.) away from the driver airbag, you can change your driving position in several ways:

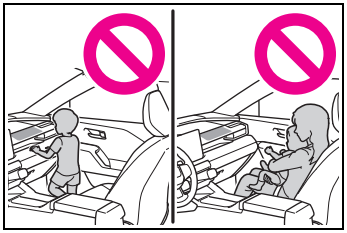
- Move your seat to the rear as far as possible while still being able to reach the pedals comfortably.
- Slightly recline the seatback. Although vehicle designs vary, many drivers can achieve the 250 mm (10 in.) distance, even with the driver seat all the way forward, simply by reclining the seatback somewhat. If reclining the seatback 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 being able to control the vehicle with the pedals and steering wheel, and maintaining your view of the instrument panel controls.

- The SRS front passenger airbag 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 positioned as far possible from the airbag with the seatback adjusted so that the passenger is sat 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. Toyota 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.51)
- Do not sit on the edge of the seat or lean against the dashboard.



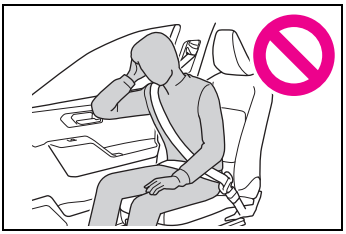
- Do not allow a child to stand in front of the SRS front passenger airbag or sit on the lap of a front passenger.



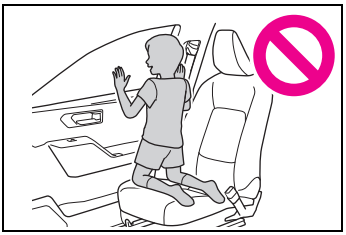
- Front seat occupants should never hold items on their lap.

**WARNING**

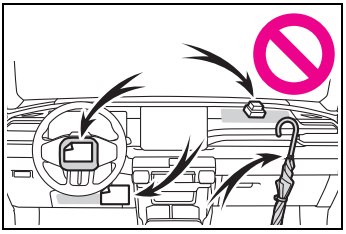
- Do not lean against the door, roof side rail, or front, side, or rear pillar.



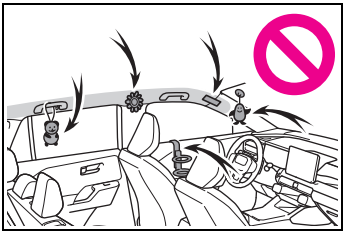
- Do not allow anyone to kneel on a seat toward the door or put their head or hands outside the vehicle.



- Do not attach anything to or lean anything against areas such as the dashboard, steering wheel pad and lower portion of the instrument panel.



- Do not attach anything to areas such as the doors, windshield, side windows, front or rear pillars, roof side rails and assist grips. (With the exception of the speed limit label →P.571)



- Do not hang coat hangers or other hard objects on the coat hooks. These items could become projectiles if the SRS curtain shield airbags deploy, possibly leading to death or serious injury.
- If a vinyl cover is attached to the area where the SRS knee airbag deploys, be sure to remove it.
- Do not use seat accessories which cover the parts from which the SRS airbags deploy, as they may interfere with inflation of the SRS airbags. Such accessories may prevent the SRS airbags from deploying correctly, may disable the system or cause the SRS airbags to inflate unintentionally, possibly resulting in death or serious injury.
- Do not strike or apply significant force to the SRS airbag system components, front doors or their surrounding area.
  Doing so may cause the SRS airbags to malfunction.
- Do not touch any components of the SRS airbags immediately after the SRS airbags have deployed (inflated) as they may be hot.

**WARNING**

- 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 a part where an SRS airbag is stored is damaged or cracked, have it replaced by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

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

Do not dispose of your vehicle or perform any of the following modifications without consulting any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. The SRS airbags may malfunction or deploy unintentionally, possibly leading to death or serious injury.

- Removal, installation, disassembly or repair of the SRS airbags
- Repair, removal or modification of the following parts or their surrounding
  - Steering wheel
  - Instrument panel
  - Dashboard
  - Seats
  - Seat upholstery
  - Front pillars
  - Side pillars
  - Rear pillars
  - Roof side rails
  - Front door panels
  - Front door trim
  - Front door speakers
- Modifications to the front door panels (such as making holes in them)
- Repair or modification of the following parts or their surrounding
  - Front fender
  - Front bumper
  - Sides of the vehicle interior
- Installation of the following parts or accessories
  - Bull bars or kangaroo bars
  - Snow plows
  - Winches
- Modifications to the vehicle's suspension
- Installation of electronic devices such as mobile two-way radios (RF-transmitter) and CD players

## Exhaust gas precautions

**Harmful substance to the human body is included in exhaust gases if inhaled.**

**WARNING**

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

**■ Important points while driving**

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

**■ When parking**

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

**■ Exhaust pipe**

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

## Airbag manual on-off system*

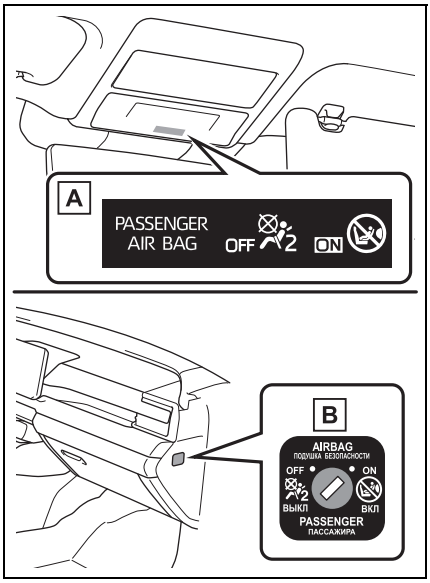
*: If equipped

**This system deactivates the following SRS airbag:**

- SRS front passenger airbag

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

### System components




A “PASSENGER AIR BAG” indicator

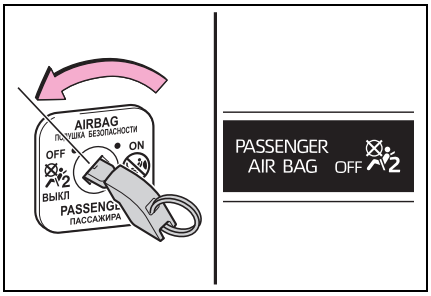
“PASSENGER AIR BAG” and “ON” indicator turns on when the airbag system is on, and about after 60 seconds they go off (only when the power switch is in ON).

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 Toyota retailer or Toyota 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.142, 187)
- 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 side windows, the moon roof (if equipped), panoramic 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 Toyota genuine child restraint system is recommended, as it is safer to use in this vehicle. Toyota genuine child restraint systems are made specifically for Toyota vehicles. They can be purchased at a Toyota dealer.

### Table of contents

Points to remember: P.52

When using a child restraint system: P.53

Child restraint system compatibility for each seating position: P.56

Child restraint system installation method: P.62

- Fixed with a seat belt: P.63
- Fixed with an ISOFIX lower anchorage: P.65
- Using a top tether anchorage: P.66

## 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. (→P.56)

**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 instructions are provided in this manual.
- Toyota 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.

**WARNING**

- 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.56). 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 a front passenger seat

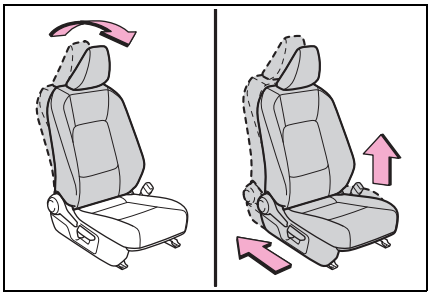
For the safety of a child, install a child restraint system to a rear seat. When installing a child restraint system to the front passenger seat is unavoidable, adjust the seat as follows and install the child restraint system:

- Adjust the seatback angle to the most upright position.

Vehicles without airbag manual on-off switch: If there is a gap between the child seat and the seatback, adjust the seatback angle until good contact is achieved.

Vehicles with airbag manual on-off switch: 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. If the passenger seat height can be adjusted, move it to the upper most position.
- If the head restraint interferes with the child restraint system installation and the head restraint can be removed, remove the head restraint. Otherwise, put the head restraint in the upper most position.



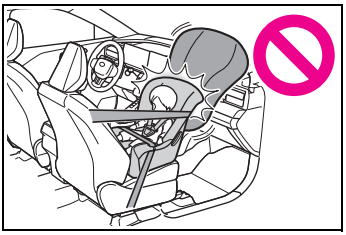
**WARNING**

**When using a child restraint system**

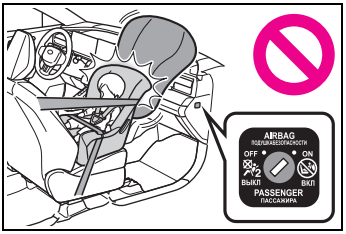
Observe the following precautions. Failure to do so may result in death or serious injury.

**WARNING**

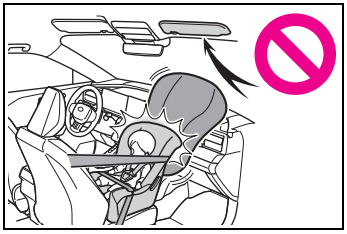
- Vehicles without airbag manual on-off switch: Never use a rear-facing child restraint system on the front passenger seat.
  The force of the rapid inflation of the front passenger airbag can cause death or serious injury to children in the event of an accident.



- Vehicles with airbag manual on-off switch: Never use a rear-facing child restraint system on the front passenger seat when the airbag manual on-off switch is on. (→P.49)
  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.

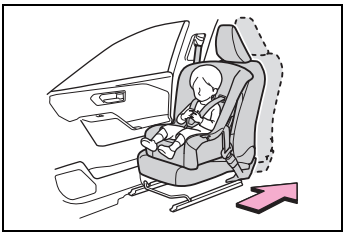


**WARNING**




**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).



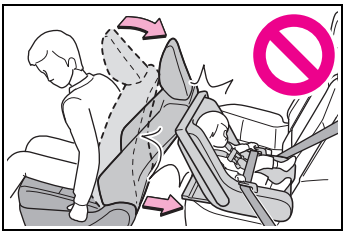
- Do not allow the child to lean his/her head or any part of his/her body against the door or the area of the seat, front or rear pillars, or roof side rails from which the SRS side airbags or SRS curtain shield airbags deploy even if the child is seated in the child restraint system. It is dangerous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

**WARNING**

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



- Adjust the front passenger seat so that it does not interfere with the child restraint system.

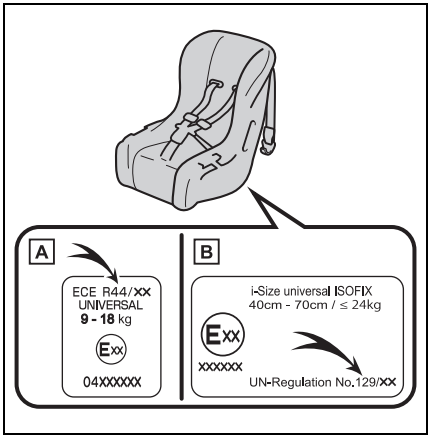
## Child restraint system compatibility for each seating position

### Child restraint system compatibility for each seating position

Compatibility of each seating position with child restraint systems (→P.57) 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.61)
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 Checking 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

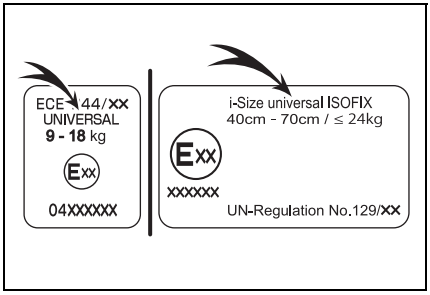
A UN(ECE) R44 approval mark*3
The weight range of the child

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

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



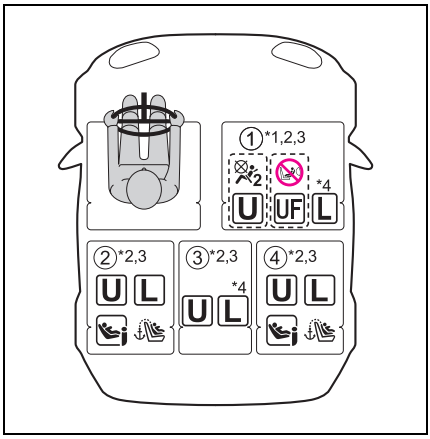

*1: UN(ECE) R44 and UN(ECE) R129 are U.N. regulations for child restraint systems.

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

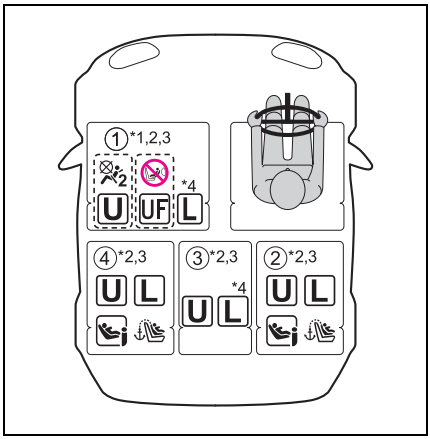
*3: The displayed mark may differ depending on the product.

## ■ Compatibility of each seating position with child restraint systems

▶ Left-hand drive vehicles




▶ Right-hand drive vehicles



Deactivation of front passenger airbag.

Vehicles without airbag manual on-off switch: Never use a rear-facing child restraint system on the front passenger seat.

Vehicles with airbag manual on-off switch: Never use a rear-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.

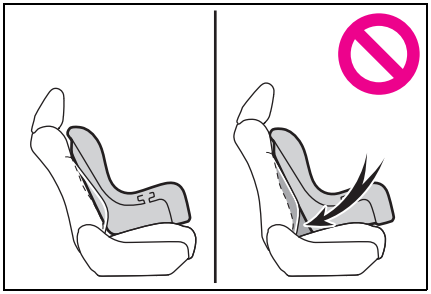
Suitable for recommended child restraint systems given on recommended child restraint systems information. (→P.61)

Suitable for i-Size and ISOFIX child restraint system.

Includes a top tether anchorage point.

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

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



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

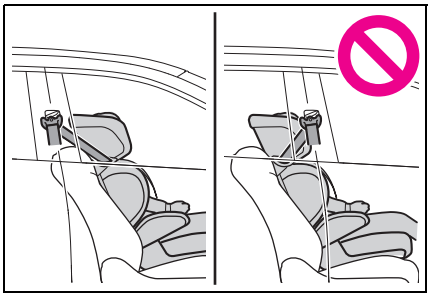
*4: Applicable for KIDFIX PRO only.

When securing some types of child restraint systems in rear seat, it may not be possible to properly use the seat belts in positions next to the child restraint without interfering with it or affecting seat belt effectiveness. Be sure your seat belt fits snugly across your shoulder and low on your hips. If it does not, or if it interferes with the child restraint, move to a different position. Failure to do so may result in death or serious injury.

- When installing a child restraint in the rear seats, adjust the front seat so that it does not interfere with the child or child restraint system.
- When installing a child seat with support base, if the child seat interferes with the seatback when latching it into the support base, adjust the seatback rear-

ward until there is no interference.

- If the seat belt shoulder anchor is ahead of the child seat belt guide, move the seat cushion forward.



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

## ■ Detail information for child restraint systems installation

| Seating position | | | | | | |
|---|---|---|---|---|---|---|
| Seat position number | ① | | | ② | ③ | ④ |
| | Vehicles without airbag manual on-off switch | Vehicles with airbag manual on-off switch | | | | |
| | | Airbag manual on-off switch | | | | |
| | | ON | OFF | | | |
| |  |  |  | | | |
| Seating position suitable for universal belted (Yes/No)* | Yes Forward-facing only | Yes Forward-facing only | Yes | Yes | Yes | Yes |
| i-Size seating position (Yes/No) | No | No | No | Yes | No | Yes |
| Seating position suitable for lateral fixture (L1/L2/No) | No | No | No | No | No | No |

| Seating position | | | | | | |
|---|---|---|---|---|---|---|
| Seat position number | ① | | | ② | ③ | ④ |
| | Vehicles without airbag manual on-off switch | Vehicles with airbag manual on-off switch | | | | |
| | | Airbag manual on-off switch | | | | |
| | | ON | OFF | | | |
| |  |  |  | | | |
| Suitable rearward facing fixture (R1/R2X/R2/R3/No) | No | No | No | R1, R2X, R2, R3 | No | R1, R2X, R2, R3 |
| Suitable forward facing fixture (F2X/F2/F3/No) | No | No | No | F2X, F2, F3 | No | F2X, F2, F3 |
| Suitable junior seat fixture (B2/B3/No) | B2, B3 Belt fixation only | B2, B3 Belt fixation only | B2, B3 Belt fixation only | B2, B3 | B2, B3 Belt fixation only | B2, B3 |

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

Toyota 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 | Fixture | Description |
|---|---|---|---|---|
| 0 | up to 10 kg (22 lb.) | E | R1 | Rearward-facing infant seat |
| | | F | L1 | Left lateral-facing infant seat (Carrycot) |
| | | G | L2 | Right lateral-facing infant seat (Carrycot) |

| Mass group | Child weight | Size class | Fix-ture | Description |
|---|---|---|---|---|
| 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 range | Direction of travel | Fixation | |
|---|---|---|---|---|
| | | | Lower anchorages | Seat belt |
| MAXI COSI PEARL 360 & FAMILYFIX 360 BASE | 40 to 105 cm[*3] [Up to 17.5 kg (Up to 38 lb.)] | Rearward-facing | Yes | Not applicable |
| | >15 month & 76 to 105 cm [Up to 17.5 kg (Up to 38 lb.)] | Forward-facing | | |
| KIDFIX PRO[*1, 2] | 100 to 150 cm [15 to 36 kg (34 to 79 lb.)] | Forward-facing use only | Yes | Yes |

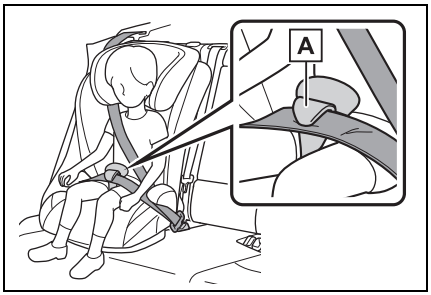
[*1]: Be sure to attach the seat belt through the SecureGuard.

[*2]: TOYOTA recommends to use with lower anchorages.

[*3]: Be sure to use the newborn inlay accessory for stature 40 to 60 cm.

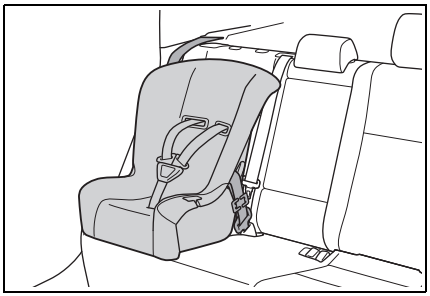
The child restraint systems mentioned in the table may not be available outside the EU countries and United Kingdom.

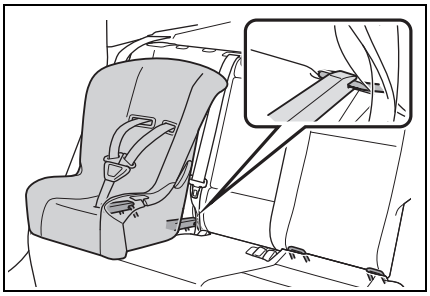
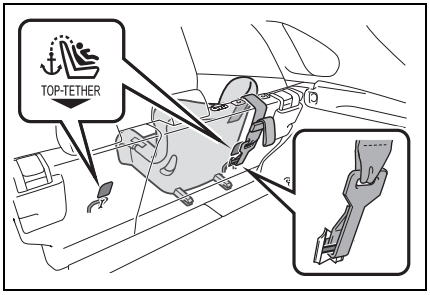
- When using the child restraint system with SecureGuard, be sure to guide the lap belt into SecureGuard A as shown in the illustration.




## 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.63 |

| Installation method | | Page |
|---|---|---|
| ISOFIX lower anchorage attachment |  | P.65 |
| Top tether anchorage attachment |  | P.66 |

## 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.56, 57)

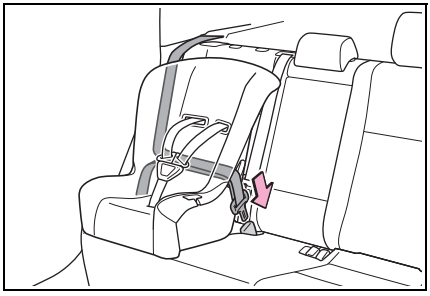
1 If installing the child restraint system to the front passenger seat is unavoidable, refer to P.53 for the front passenger seat adjustment.

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.

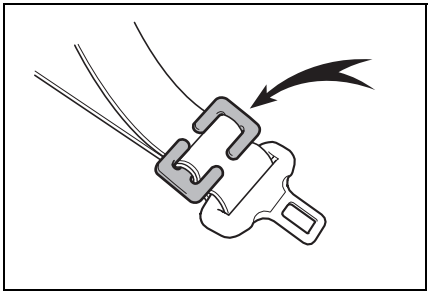
3 If the head restraint interferes with the child restraint system installation and the head restraint can be removed, remove the head restraint. Otherwise, put the head restraint in

the upper most position. (→P.170)

4 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.



5 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.



6 After installing the child restraint system, rock it back and forth to ensure that it is installed securely. (→P.64)

### ■ 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 Toyota retailer or Toyota 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.
- 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.

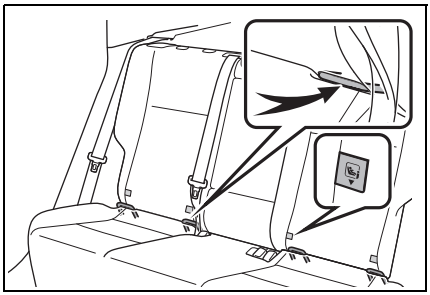
**WARNING**

- Follow all installation instructions provided by the child restraint system manufacturer.

## Child restraint system fixed with an ISOFIX lower anchorage

### ■ ISOFIX lower anchorages (ISOFIX child restraint system)

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



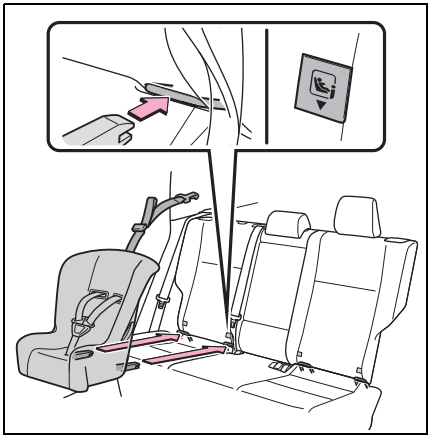
### ■ Installation with ISOFIX lower anchorage (ISOFIX child restraint system)

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.56, 57)

1. 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.
2. If the head restraint interferes with the child restraint system installation and the head restraint can be removed, remove the head restraint. Otherwise, put the head restraint in the upper most position. (→P.169)
3. Check the positions of the exclusive fixing bars, and install the child restraint system to the seat.

The bars are installed in the clearance between the seat cushion and seatback.



4. After installing the child restraint system, rock it back and forth to

ensure that it is installed securely. (→P.64)

**WARNING**

**■ When installing a child restraint system**

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

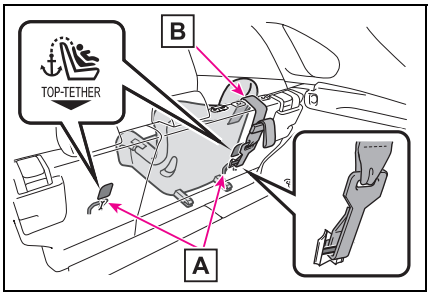
- After securing a child restraint system, never adjust the seat.
- When using the lower anchorages, be sure that there are no foreign objects around the anchorages and that the seat belt is not caught behind the child restraint system.
- Follow all installation instructions provided by the child restraint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

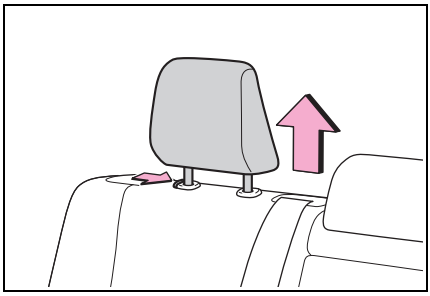
B Top strap

### ■ Fixing the top strap to the top tether anchorages

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

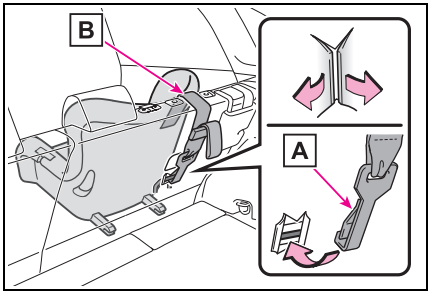
1 Adjust the head restraint to the upmost position.

If the head restraint interferes with the child restraint system or top strap installation and the head restraint can be removed, remove the head restraint. (→P.170)



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

Make sure the top strap is securely latched. (→P.64)
When installing the child restraint system with the head restraint being raised, be sure to have the top strap pass underneath the head restraint.




A Hook

B Top strap

**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 anchorages.
- 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.

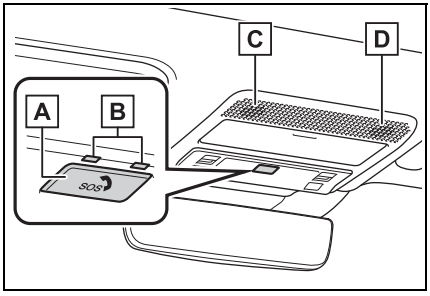
## eCall*1, 2

*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

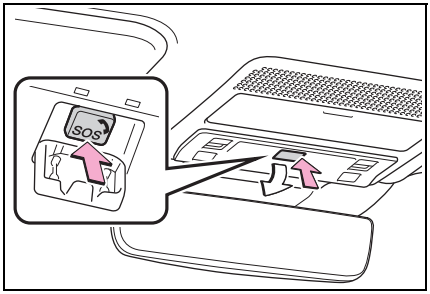
If any airbag deploys, the system is designed to automatically call the eCall control center.* The answering operator receives the vehicle's location, the time of the incident and the vehicle VIN, and attempts to speak with the vehicle occupants to assess the situation. If the occupants are unable to 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.69)

#### ■ 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.

If it is within approximately 10 seconds of pressing the “SOS” button, you can cancel the emergency call by pressing and holding the “SOS” button again for approximately 2 seconds.

*: In some cases, the call cannot be made. (→P.69)

## Indicator lights

When the power switch is turned to ON, the red indicator light will illuminate for 10 seconds. Then, the green indicator light will illuminate for 2 seconds and remain illuminated if the system is functioning properly.

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.

**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 Toyota retailer or Toyota 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 Toyota retailer or Toyota authorized repairer, or any reliable repairer.

NOTICE

**■ To prevent damage**

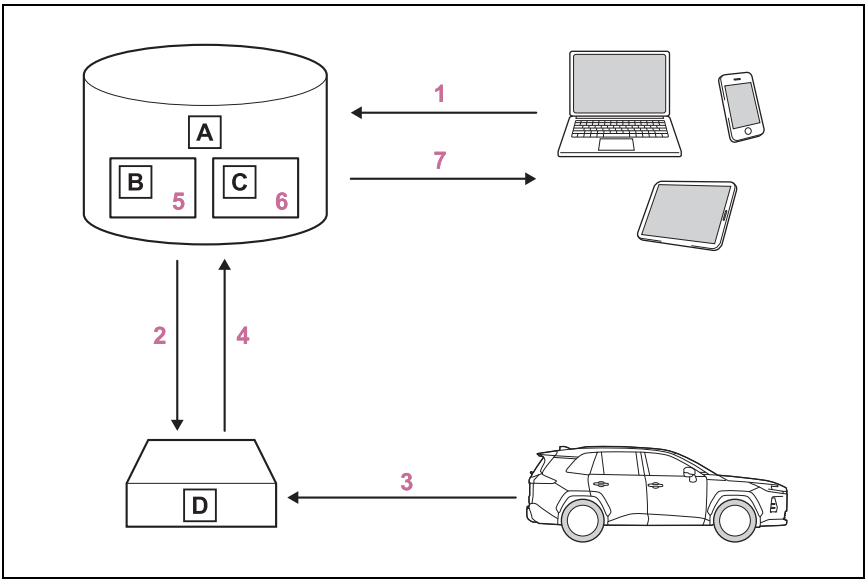
Do not pour any liquids onto the "SOS" button panel, etc. and do not impact it.

**■ 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 Toyota retailer or Toyota authorized repairer, or any reliable repairer.

## System overview of added service (if equipped)

### ■ Data processing flow




A Server

B Storage

C Processing

D DCM

1 Activation of data sharing is done by enabling a service on the “MyToyota” 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 Toyota website or contact any authorized Toyota retailer or Toyota 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 | O |
| | 1.2. | The 112-based eCall service is a public service of general interest and is accessible free of charge. | O |
| | 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. | O |
| | 1.4. | The 112-based eCall in-vehicle system can also be triggered manually, if needed. Instructions for manual activation of the system | O |
| | 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 | O |
| 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. | O |
| | 2.2. | Processing of such data is strictly limited to the purpose of handling the emergency eCall to the single European emergency number 112. | O |
| | 2.3. Types of data and its recipients | | |
| | 2.3.1. | The 112-based eCall in-vehicle system may collect and process only the following data: Vehicle Identification Number, Vehicle type (passenger vehicle or light commercial vehicle), Vehicle propulsion storage type (gasoline/diesel/CNG/LPG/electric/hydrogen), Vehicle last three locations and direction of travel, Log file of the automatic activation of the system and its timestamp. | O |
| | 2.3.2. | Recipients of data processed by the 112-based eCall in-vehicle system are the relevant public safety answering points designated by the respective public authorities of the country on which territory they are located, to first receive and handle eCalls to the single European emergency number 112. | O |

| Implementing Regulation Annex1 PART3 User Information | | | Conformity |
|---|---|---|---|
| | 2.4. Arrangements for data processing | | |
| | 2.4.1. | The 112-based eCall in-vehicle system is designed in such a way as to ensure that the data contained in the system memory is not available outside the system before an eCall is triggered. | O |
| | 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. | O |
| | 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. | O |
| | 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. | O |
| | 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. | O |

| 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. | O |
| | 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. | O |
| | 2.5.3. | Contact service responsible for handling access requests (if any):<br>→P.76 | O |
| 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.71 |
| | 3.2. | Any processing of personal data through the TPS system/other added value service shall comply with the personal data protection rules provided for in Directives 95/46/EC and 2002/58/EC. | O |
| | 3.2.1. | Legal basis for the use of TPS system and/or added value services and for processing data through them | The European Union General Data Protection Regulation |
| | 3.3. | The TPS system and/or other added value services shall process personal data only on the base of the explicit consent of the data subject (the vehicle's owner or owners). | O |
| | 3.4. | Modalities for data processing through TPS system and/or other added value services, including any necessary additional information regarding traceability, tracking and processing of personal data | →P.71 |
| | 3.5. | The owner of a vehicle equipped with a TPS eCall system and/or other added value service in addition to the 112-based eCall in-vehicle system has the right to choose to use the 112-based eCall in-vehicle system rather than the TPS eCall system and the other added value service. | O |
| | 3.5.1. | Contact details for handling TPS eCall system deactivation requests | N/A |

**■ Service responsible for handling access requests**

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

| Country | Contact information |
|---|---|
| Czech Republic /Hungary/Slovakia | adatvedelem@toyota-ce.com |
| Denmark | toyota@toyota.dk.og |
| Estonia | privacy@toyota.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@toyota.es / dpo@toyota.es. |
| Sweden | integritet@toyota.se |
| Switzerland | info@toyota.ch |

## ERA-GLONASS/EVAK[*1, 2, 3]

[*1]: If equipped

[*2]: Operates within regions offering emergency notification services. Ask any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer for details.

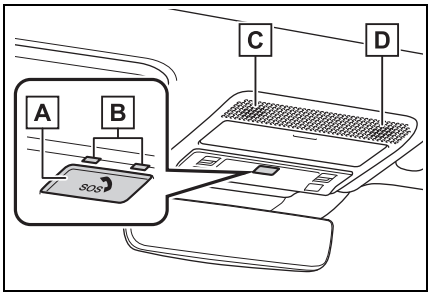
[*3]: The system name differs depending on the country.

**The Emergency Call system is a device installed on a vehicle to determine its location and movement direction (using GLONASS [Global Navigation Satellite System] and GPS [Global Positioning System] signals), and ensure the generation and transmission of vehicle information (in a nonadjustable form) in case of traffic accidents or other incidents on motor roads in the countries offering emergency notification services. In addition, it ensures two-way voice communication between the vehicle and an ERA-GLONASS/EVAK system operator through cellular networks (GSM).**

**Automatic Emergency Calls (via Automatic Collision Notification) and manual Emergency Calls (by pressing the "SOS" button) can be made to the ERA-GLONASS/EVAK control center.**

**This service is mandatory according to the technical regulations of the Customs Union.**

### System components




A "SOS" button*

B Indicator lights

C Microphone

D Speaker

*: This button is intended for communication with the ERA-GLONASS/EVAK 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 ERA-GLONASS/EVAK system operator.

## Emergency Notification Services

### Automatic Emergency Calls

If any airbag deploys, the system is designed to automatically call the ERA-GLONASS/EVAK 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.80)

### Manual Emergency Calls

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

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

After making an emergency call, press and hold the "SOS" button to cancel the emergency call.

*: In some cases, the call cannot be made. (→P.80)

## 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 no indicator lights illuminate, the system is not enabled.
- 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. The backup battery has lifespan of at least 3 years. Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- 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.

## Device test mode

A test mode is provided for to check

the performance of the Emergency Call system. To test the device, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

**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 ERA-GLONASS/EVAK control center if the reception is poor or the line is busy. In such cases, even though the system attempts to connect to the ERA-GLONASS/EVAK control center, you may not be able to connect to the ERA-GLONASS/EVAK control center to make Emergency Calls and contact emergency services.
- When the vehicle is out of the cellular phone service area, the Emergency Calls cannot be made.
- When any related equipment (such as the “SOS” button panel, indicator lights, microphone, speaker, DCM, antenna, or any wires connecting the equipment) is malfunctioning, damaged or broken, the Emergency Call cannot be made.
- During an Emergency Call, the system makes repeated attempts to connect to the ERA-GLONASS/EVAK control center. However, if it cannot connect to the ERA-GLONASS/EVAK 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.
- This device may not function if a shock is applied to it.

- If the 12-volt battery’s voltage decreases or there is a disconnection, the system may not be able to connect to the ERA-GLONASS/EVAK control center.

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

The Emergency Call system should be registered. Contact any authorized Toyota retailer or Toyota 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.

**WARNING**

- Since the system detects shocks, the automatic reporting may not always occur synchronized with the operation of the airbag system. (If the vehicle is struck from behind, etc.)
- 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 Toyota retailer or Toyota 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**

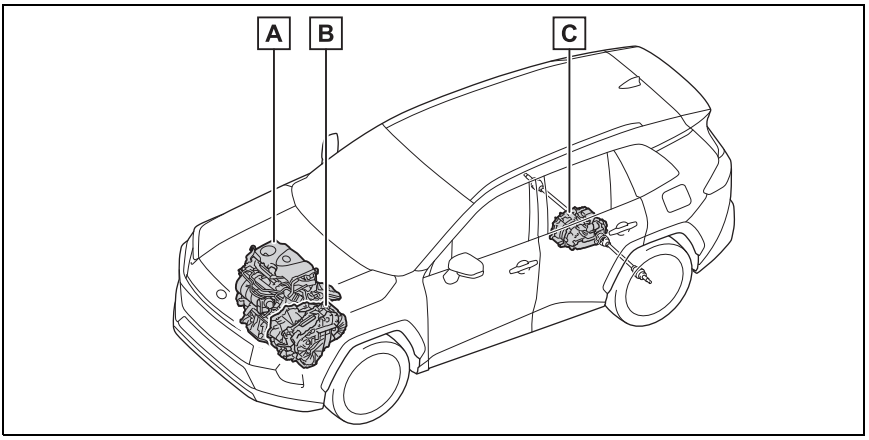
It may not be possible to make Emergency Calls, confirm the system status, or communicate with the ERA-GLONASS/EVAK control center operator. If any of the above equipment is damaged, please consult any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

## Hybrid system features

**Your vehicle is a Hybrid Electric Vehicle. It has characteristics different from conventional vehicles. Be sure you are closely familiar with the characteristics of your vehicle, and operate it with care.**

**The hybrid system combines the use of a gasoline engine and an electric motor (traction motor) according to driving conditions, improving fuel efficiency and reducing exhaust emissions.**

### System components




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

A Gasoline engine

B Front electric motor (traction motor)

C Rear electric motor (traction motor) (AWD models)

#### ■ When stopped/during start off

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

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

*: When the hybrid battery (traction battery) requires charging or the engine is warming up, etc., the gasoline engine will not automatically stop. (→P.83)

### ■ During normal driving

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

### ■ When accelerating sharply

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

### ■ When braking (regenerative braking)

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

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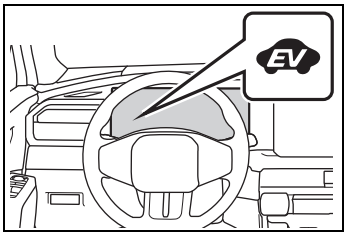
**■ Regenerative braking**

- In the following situations, kinetic energy is converted to electric energy and deceleration force can be obtained in conjunction with the recharging of the hybrid battery (traction battery).
  - The accelerator pedal is released while driving with the shift position in D or S.
  - The brake pedal is depressed while driving with the shift position in D or S.
- While the GPF system (→P.433) is operating to regenerate the exhaust gas filter, the hybrid battery (traction battery) may not be recharged.

**■ EV indicator**

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

The on/off operation of the EV indicator can be changed. (→P.117)




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

The gasoline engine starts and stops automatically. However, in any of the following situations, it may not stop automatically, possibly reducing fuel economy*:

- During gasoline engine warm-up
- During hybrid battery (traction battery) charging
- When the temperature of the hybrid battery (traction battery) is high or low
- When the heater is switched on
- When repeatedly accelerating/decelerating rapidly
- When repeatedly operating the hybrid system for a long time
- When driving down a long slope

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

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

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

repairer, or any reliable repairer.

■ **Charging the 12-volt battery**

→P.593

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

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

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

There may be no engine sound or vibration even though the vehicle is able to move with the "READY" indicator is illuminated. For safety, make sure to shift the shift position to P and apply the parking brake when parked.

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

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

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

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

## Acoustic Vehicle Alerting System (if equipped)

When driving with the gasoline engine stopped, a sound, which changes in accordance with the driving speed, will be played in order to warn people nearby of the vehicle's approach. The sound may also be heard inside the vehicle. The sound will stop when the vehicle speed exceeds approximately 25 km/h (16 mph).

■ **Operation sounds**

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.

■ **Vehicle speed-linked control**

The volume and tone change according to the vehicle speed.

■ **Fade-in/Fade-out control**

The volume gradually increases when the sound starts to be emitted and gradually decreases when the sound stops.

■ **Control when driving in reverse**

The volume increases when driving in reverse, allowing the sound to reach the rear of the vehicle.

■ **When "Acoustic Vehicle Alerting System Malfunction Visit your Dealer" is displayed on the multi-information display**

The Acoustic Vehicle Alerting System may be malfunctioning. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

## Predictive Efficient Drive*1, 2

*1: This function is not available in some countries or areas.

*2: To ensure the next driving experience accurately reflects the driver's behavior, it is recommended to uncheck the "Predictive Efficient Drive" checkbox when the vehicle state is significantly different from usual such as when towing.

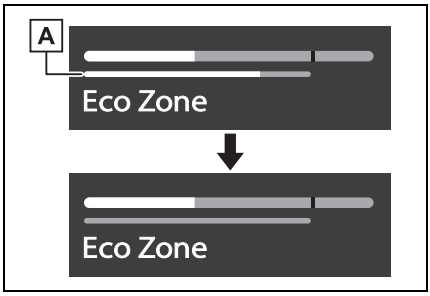
This system operates based on the driving situation and traffic information to enhance fuel economy.

For details about Predictive Efficient Drive, refer to the "Multimedia owner's manual".

■ **Predictive Deceleration Support**

The system is using collected driver's actions in the past to predict deceleration/stop points. By providing deceleration support to collected deceleration/stop points, hybrid battery charge amount can be increased.

- After the icon was highlighted, the reference operation range (A) of the ECO Accelerator Guidance (→P.113) on the multi-information display will be turned off to encourage the driver to reduce excessive acceleration. (Accelerator Pedal Release Guidance)




- When the accelerator pedal is released according to the Accelerator Pedal Release Guidance, the engine braking force will be increased according to the driving conditions.

■ **Predictive SOC* Control**

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

- When there is a long downhill slope along the route, the system reduces the hybrid battery (traction battery) level before reaching the slope to help ensure charging capacity for regenera-

tive braking while traveling downhill.

- When traffic congestion is predicted along the route, the system helps ensure a certain battery level before reaching congested roads to reduce the frequency of starting the engine to charge the hybrid battery (traction battery) due to low battery levels.

*: SOC means state of charge

■ **Operating the Predictive SOC Control**

The system operates when starting route guidance and the position of the vehicle is along the guided route. (The system does not operate in parking lots, etc.)

■ **Predictive EV Drive (Adaptive Area)**

The system adjusts the remaining hybrid battery charge and automatically switches to EV drive mode around the home location registered in the navigation system.

■ **Operating Predictive EV Drive (Adaptive Area)**

- This function becomes active when you use it to navigate to your home as the destination.
- The engine stops while EV drive mode is active.

If you feel that the heating performance is not adequate, please press the EV drive mode switch to deactivate EV drive mode.

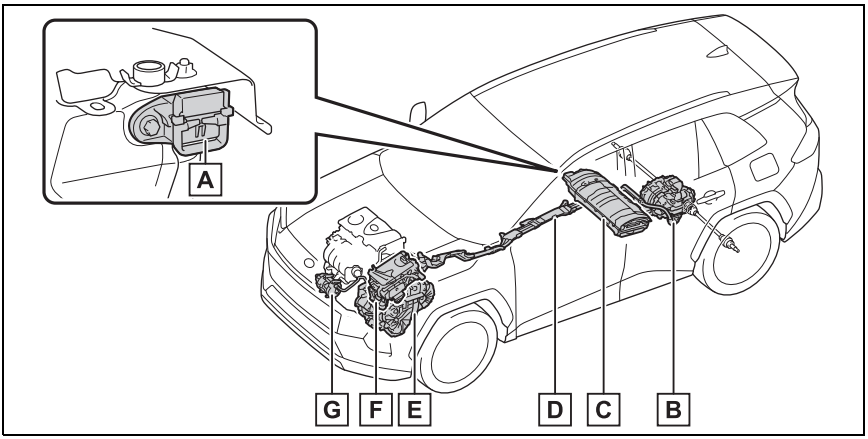
- When using remote start, there may be instances where EV drive mode is deactivated.
- There may be cases where you cannot switch to EV drive mode, depending on the system conditions.

For example, this can occur when the hybrid system is at high or low temperatures, when the hybrid battery charge is low, when the vehicle speed is high, etc.

## Hybrid system precautions

**Take care when handling the hybrid system, as it is a high voltage system (about 600V at maximum) as well as contains parts that become extremely hot when the hybrid system is operating. Read the following descriptions carefully before using the hybrid system, and handle the hybrid system correctly. Note that warning labels with a ⚠ mark are attached to the high voltage components, to remind you of careful handling required.**

### System components




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

A Service plug

B Rear electric motor (traction motor) (AWD models)

C Hybrid battery (traction battery)

D High voltage cables (orange)

E Front electric motor (traction motor)

F Power control unit

G Air conditioning compressor

**Running out of fuel**

When the vehicle has run out of fuel and the hybrid system cannot be started, refuel the vehicle with at least enough gasoline to make the low fuel level warn-

ing light (→P.558) go off. If there is only a small amount of fuel, the hybrid system may not be able to start. (The standard amount of fuel is about 9.5 L [2.51 gal., 2.09 Imp.gal.], when the vehicle is on a level surface. This value may vary when the vehicle is on a slope. Add extra fuel when the vehicle is inclined.)

### Electromagnetic waves

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

### Hybrid battery (traction battery)

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

### Starting the hybrid system in an extremely cold environment

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

### Declaration of conformity

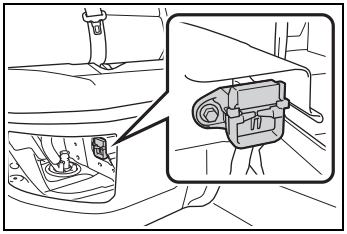
This model conforms to hydrogen emissions according to regulation ECE100 (Battery electric vehicle safety).

**WARNING**

### High voltage precautions

This vehicle has high voltage DC and AC systems as well as a 12-volt system. DC and AC high voltage is very dangerous and can cause severe burns and electric shock that may result in death or serious injury.

- Never touch, disassemble, remove or replace the high voltage parts, cables or their connectors.
- Do not touch the high voltage components. They are extremely hot, especially after driving.
- Never try to open the service plug access hole located underneath the rear seats. The service plug is used only when the vehicle is serviced and is subject to high voltage.



### Road accident cautions

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

- Stop the vehicle in a safe place to prevent subsequent accidents. While depressing the brake pedal, apply the parking brake and shift the shift position to P to stop the hybrid system. Then, slowly release the brake pedal.
- Do not touch the high voltage parts, cables and connectors.
- If electric wires are exposed inside or outside your vehicle, an electric shock may occur. Never touch exposed electric wires.

**WARNING**

- Do not touch the battery if liquid is leaking from or adhering to it.
  If electrolyte (carbonic-based organic electrolyte) from the hybrid battery (traction battery) comes into contact with the eyes or skin, it could cause blindness or skin wounds. In the unlikely event that it comes into contact with the eyes or skin, wash it off immediately with a large amount of water, and seek immediate medical attention.
- If electrolyte is leaking from the hybrid battery (traction battery), do not approach the vehicle.
  Even in the unlikely event that the hybrid battery (traction battery) is damaged, the internal construction of the battery will prevent a large amount of electrolyte from leaking out. However, any electrolyte that does leak out will give off a vapor. This vapor is an irritant to skin and eyes and could cause acute poisoning if inhaled.
- Do not bring burning or high-temperature items close to the electrolyte.
  The electrolyte may ignite and cause a fire.
- If a fire occurs in the Hybrid Electric Vehicle, leave the vehicle as soon as possible. Never use a fire extinguisher that is not meant for electric fires. Using even a small amount of water may be dangerous.
- If your vehicle needs to be towed, do so with front wheels (2WD models) or four wheels (AWD models) raised. If the wheels connected to the electric motor (traction motor) are on the ground when towing, the motor may continue to generate electricity. This may cause a fire. (→P.545)
- Carefully inspect the ground under the vehicle. If you find that liquid has leaked onto the ground, the fuel system may have been damaged. Leave the vehicle as soon as possible.

**■ Hybrid battery (traction battery)**

- Your vehicle contains a sealed lithium-ion battery.
- Never resell, hand over or modify the hybrid battery (traction battery). To prevent accidents, hybrid batteries that have been removed from a disposed vehicle are collected through any authorized Toyota retailer or Toyota 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 hybrid battery (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.
- The hybrid battery (traction battery) is intended to be used exclusively with your Hybrid Electric Vehicle. If the hybrid battery (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.

**WARNING**

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

NOTICE

**■ Hybrid battery (traction battery)**

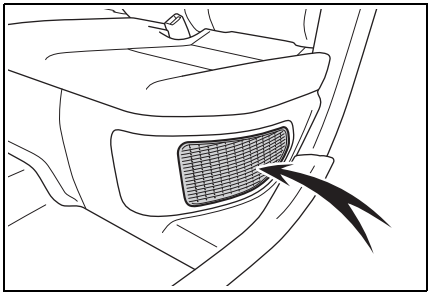
Do not carry large amounts of water such as water cooler bottles in the vehicle.
If water spills onto the hybrid battery (traction battery), the battery may be damaged. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

## Hybrid battery (traction battery) air intake vent

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

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

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



NOTICE

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

- Make sure not to block the air intake vent with anything, such as a seat cover, luggage, or carpet. The input/output of the hybrid battery (traction battery) may be restricted, leading to a reduction in hybrid battery (traction battery) output and a malfunction.
- Periodically clean the air intake vent to prevent it from clogging. (→P.526)
- Do not get water or foreign materials in the air intake vent as this may cause a short circuit and damage the hybrid battery (traction battery).

## Emergency shut off system

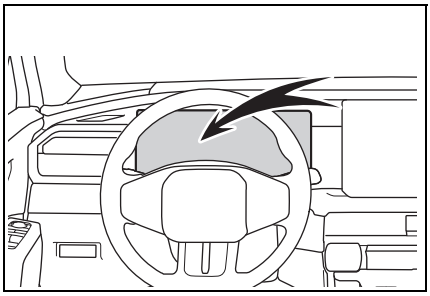
When a certain level of impact is detected by the impact sensor, the emergency shut off system blocks the high voltage current and stops the fuel pump to minimize the risk of electrocution and fuel leakage. If the emergency shut off system activates, your vehicle will not restart. To restart the hybrid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

or Toyota authorized repairer, or any reliable repairer.

## Hybrid warning message

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

If a warning message is shown on the multi-information display, read the message and follow the instructions.



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

The hybrid system may not start. In this case, try to start the system again. If the “READY” indicator does not come on, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

## Immobilizer system

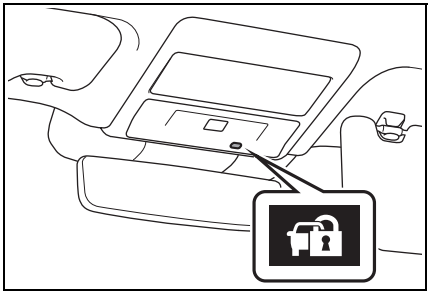
**The vehicle's keys have built-in transponder chips that prevent the hybrid system from starting if a key has not been previously registered in the vehicle's on-board computer.**

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

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

### Operating the system

The indicator light flashes after the power switch has been turned to OFF to indicate that the system is operating.
The indicator light goes off 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 to the security system (key with a built-in transponder chip) of another vehicle

NOTICE

**To ensure the system operates correctly**

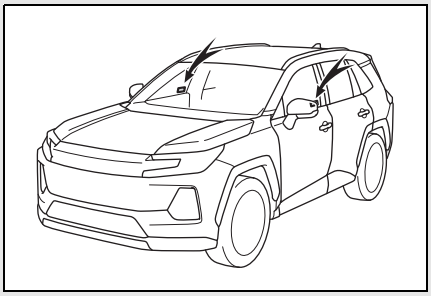
Do not modify or remove the system. If modified or removed, the proper operation of the system cannot be guaranteed.

## Double locking system*

*: If equipped

**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 to 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 front outside door handle twice within 5 seconds.

Using the wireless remote control:

Press twice within 5 seconds.

#### Canceling

Using the entry function: Hold the front outside door handle.

Using the wireless remote control:

Press .

**WARNING**

**■ Double locking system precaution**

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

## Alarm*

*: If equipped

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

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

- A locked door or back door is unlocked or opened in any way other than using the entry function or wireless remote control. (The doors will lock again automatically.)
- The hood is opened.
- The intrusion sensor detects something moving inside the vehicle. (Example: an intruder breaks a window and gets into the vehicle.)
- The tilt sensor detects a change of vehicle inclination.

### Setting/deactivating/stopping the alarm system

#### Items to check before locking the vehicle

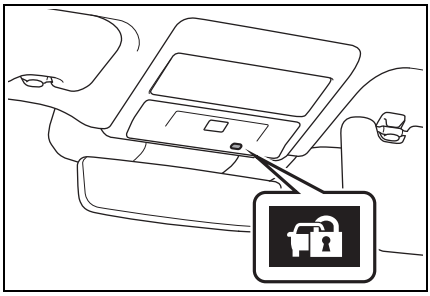
To prevent unexpected triggering of the alarm and vehicle theft, make sure of the following:

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

#### Setting

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

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



#### Deactivating or stopping

Do one of the following to deactivate or stop the alarms:

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

#### Setting the alarm

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

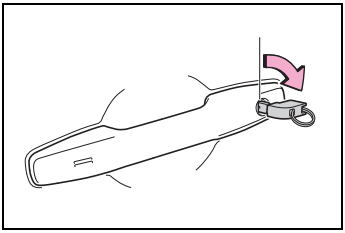
#### System maintenance

The vehicle has a maintenance-free type alarm system.

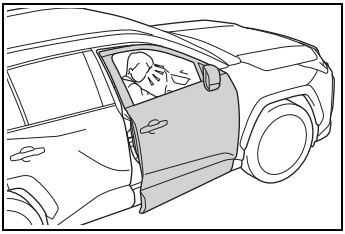
### Triggering of the alarm

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

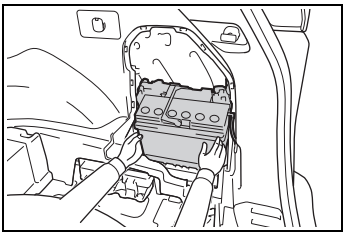
- The doors are unlocked using the mechanical key.



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



- The 12-volt battery is recharged or replaced when the vehicle is locked. (→P.591)



### Alarm-operated door lock

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

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

### Customization

Some functions can be customized. (→P.615)

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.

## The intrusion sensor and tilt sensor

### 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.94)

### 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.

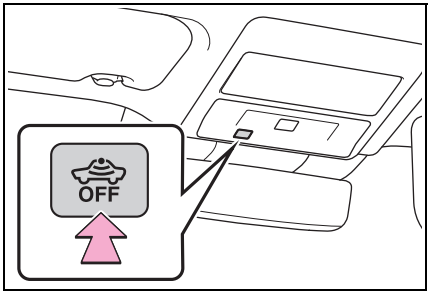
1 Turn the power switch to OFF.

2 Press the intrusion sensor and tilt sensor cancel switch.

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

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

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



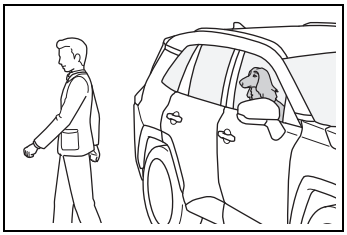

### ■ Canceling and automatic re-enabling of the intrusion sensor and tilt sensor

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

### ■ Intrusion sensor detection considerations

The sensor may trigger the alarm in the following situations:

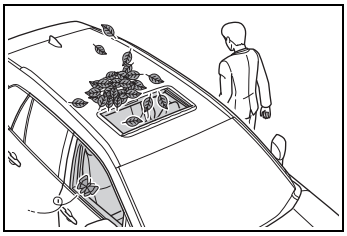
- People or pets are in the vehicle.



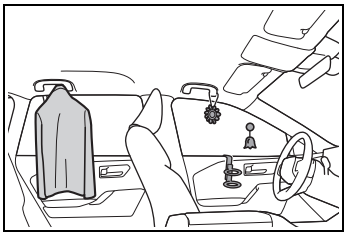
- A window or moon roof (if equipped) or panoramic moon roof (if equipped) is open.

In this case, the sensor may detect the following:

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

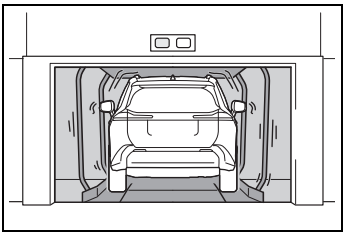


- Small insects such as moths or flies are in the vehicle.
- Unstable items, such as dangling accessories or clothes hanging on the coat hooks, are in the vehicle.

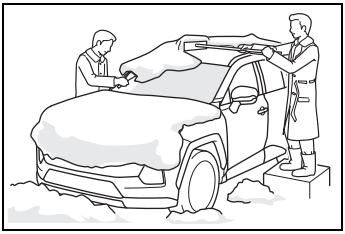


- The vehicle is parked in a place where extreme vibrations or noises occur,

such as in a parking garage.



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



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

### Tilt sensor detection considerations

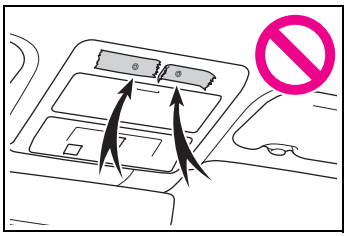
The sensor may trigger the alarm in the following situations:

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

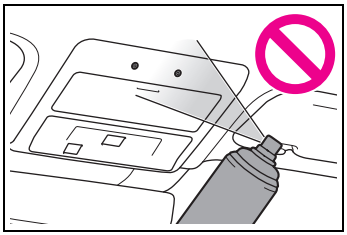
NOTICE

### To ensure the intrusion sensor functions correctly

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



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



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

# Vehicle status information and indicators

2

## 2-1. Instrument cluster

Warning lights and indicators ..... 100
Gauges and meters ..... 105
Multi-information display ... 111
Head-up display ..... 122

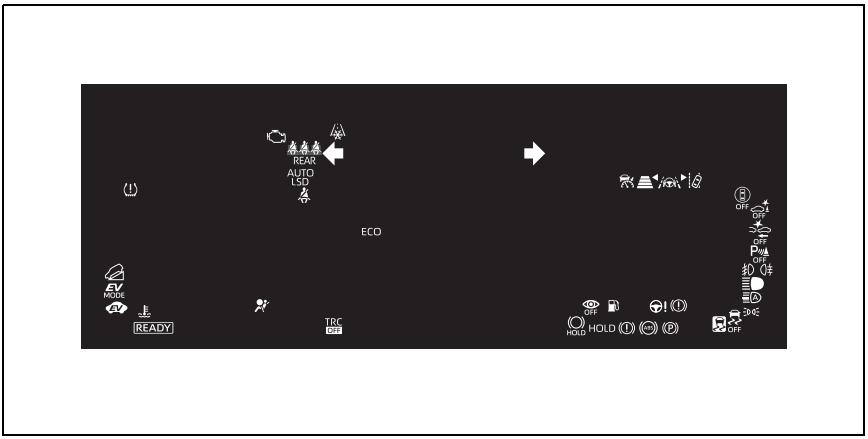
# Warning lights and indicators

**The warning lights and indicators on the overhead console panel, center panel and outside rear view mirrors inform the driver of the status of the vehicle's various systems.**

## Instrument cluster

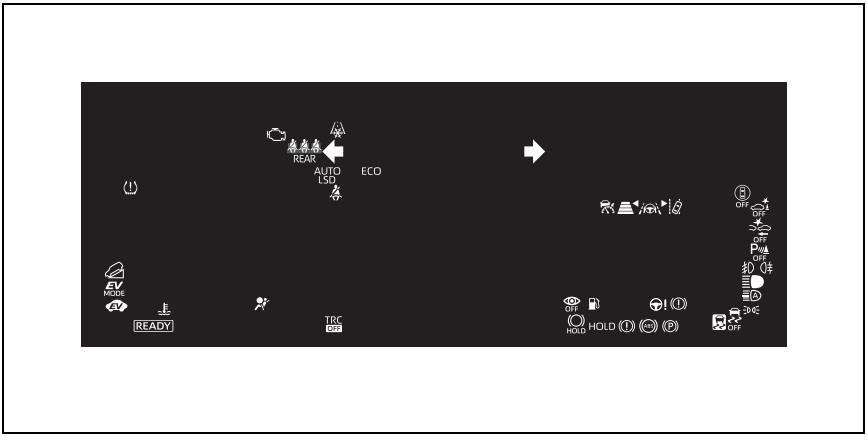
The display type can be selected. (→P.117)

▶ Simple/1 dial/Navigation/Driving support system information/ECO




The image may differ from the actual condition.

▶ 2 dials




The image may differ from the actual condition.

## Warning lights

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


(Red)
Brake system warning light*1 (→P.551)


(Yellow)
Brake system warning light*1 (→P.551)


Charging system warning light*2 (→P.563)


High coolant temperature warning light (→P.552)


Hybrid system overheat warning light*2 (→P.552)


Low engine oil pressure warning light*2 (→P.552)


Malfunction indicator lamp*1 (→P.553)


SRS warning light*1 (→P.553)


ABS warning light*1 (→P.553)


(Red)
Electric power steering system warning light*1 (→P.553)


(Yellow)
Electric power steering system warning light*1 (→P.553)


PCS warning light*1 (→P.554)


(Yellow)
LTA indicator (→P.554)


(Yellow)
LDA indicator (→P.554)


(Yellow)
Dynamic radar cruise control indicator (→P.554)


(Yellow)
Dynamic radar cruise control eco run mode indicator (→P.555)


(Yellow)
Cruise control indicator (→P.554)


(Yellow)
Speed Limiter indicator (if equipped) (→P.555)


Driver Monitor warning light*1 (if equipped) (→P.556)


Driving assist warning light*1 (→P.555)


Parking Assist-Sensor OFF indicator*1 (if equipped) (→P.556)


PKSB OFF indicator*1 (if equipped) (→P.556)


Slip indicator light*1 (→P.557)


Inappropriate pedal operation warning light*2 (→P.557)


(Flashes)
Brake hold operated indicator*1 (→P.557)


(Flashes)
Parking brake indicator (→P.558)


Tire pressure warning light*1 (→P.558)


(Flashes)
AUTO LSD indicator (if equipped) (→P.557)


(Yellow)
Low fuel level warning light (→P.558)


Driver's and front passenger's seat belt reminder light (→P.559)



Rear passengers' seat belt reminder lights (→P.559)

*1: These lights come on when the power switch is turned to ON to indicate that a system check is being performed. They will turn off after the hybrid system is started, 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 Toyota retailer or Toyota authorized repairer, or any reliable repairer.

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

**WARNING**

**■ If a safety system warning light does not come on**

Should a safety system light such as the ABS and SRS warning light not come on when you start the hybrid system, this could mean that these systems are not available to help protect you in an accident, which could result in death or serious injury. Have the vehicle inspected by any authorized Toyota retailer or Toyota 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.242)


Tail light indicator (→P.250)


Headlight high beam indicator (→P.254)


Front fog light indicator (→P.262)


Rear fog light indicator (if equipped) (→P.262)


Smart entry & start system indicator*1 (→P.222)


Parking Assist-Sensor detection indicator (if equipped) (→P.366)



Parking Assist-Sensor OFF indicator*2, 3 (if equipped) (→P.366)



PKSB OFF indicator*2, 3 (if equipped) (→P.385)


(Flashes)
Slip indicator light*2 (→P.435)



AUTO LSD indicator (if equipped) (→P.429)


Downhill assist control system indicator (if equipped) (→P.397)



TRC OFF indicator (→P.436)



VSC OFF indicator*2, 3 (→P.436)


AHS indicator (if equipped) (→P.256)

(White) AHB indicator (→P.259)


AHS indicator (if equipped) (→P.256)

(Green) AHB indicator (→P.259)


(Green)
AHS indicator (if equipped) (→P.256)


(Green)
AHS indicator (if equipped) (→P.256)
AHB indicator (→P.259)


PCS warning light*2, 3 (→P.286)


(Green)
LTA indicator (→P.297)


(White)
LTA indicator (→P.297)


(Green)
LCA indicator (if equipped) (→P.301)


(White)
LCA indicator (if equipped) (→P.301)


(Red)
LDA indicator (→P.305)


(White)
LDA indicator (→P.305)


LDA OFF indicator (→P.305)


(Green)
Dynamic radar cruise control indicator (→P.322)


(White)
Dynamic radar cruise control indicator (→P.322)


(Green)
Vehicle-to-vehicle distance indicator (→P.322)


(White)
Vehicle-to-vehicle distance indicator (→P.322)


(Green)
Dynamic radar cruise control eco run mode indicator (→P.329)


(White)
Dynamic radar cruise control eco run mode indicator (→P.329)


(Green)
Cruise control indicator (→P.338)


(White)
Cruise control indicator (→P.338)


(Green)
Speed Limiter indicator (if equipped) (→P.344)


(White)
Speed Limiter indicator (if equipped) (→P.344)


(White)
Driving assist OFF indicator*3 (→P.104)


Driver Monitor OFF indicator*3 (if equipped) (→P.286)


Outside rear view mirror indicators*2, 4 (→P.349, 362, 376)


Brake hold standby indicator*2 (→P.247)


Brake hold operated indicator*2 (→P.247)


Security indicator*5 (→P.92, 94)


“READY” indicator (→P.222)


Low outside temperature indicator*6 (→P.109)


EV indicator (→P.83)


Parking brake indicator (→P.243)


EV drive mode indicator (→P.228)


Eco drive mode indicator (→P.426)


Sport mode indicator (→P.426)


CUSTOM MODE indicator (→P.426)


SNOW MODE indicator (if equipped) (→P.433)


Trail Mode indicator (if equipped) (→P.427)


"PASSENGER AIR BAG" indicator[*2, 5] (if equipped) (→P.49)

[*1]: This light illuminates on the multi-information display with a message.

[*2]: These lights come on when the power switch is turned to ON to indicate that a system check is being performed. They will turn off after the hybrid system is started, 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 Toyota retailer or Toyota authorized repairer, or any reliable repairer.

[*3]: The light comes on when the system is turned off.

[*4]: This light illuminates on the outside rear view mirrors.

[*5]: This light illuminates on the overhead console panel.

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

**■ Driving assist OFF indicator**

Indicates any of the following systems are malfunctioning, disabled, or turned off.

Follow the instructions displayed on the multi-information display.

- Automatic Rear Flashing Hazard Lights[*]
- RCD (Rear Camera Detection)[*]
- BSM (Blind Spot Monitor)
- RCTA (Rear crossing traffic alert)
- Safe Exit Assist
- EDSS (Emergency Driving Stop System)
- Secondary Collision Brake (Rear Impacts while Stopped)[*]

[*]: If equipped

# Gauges and meters

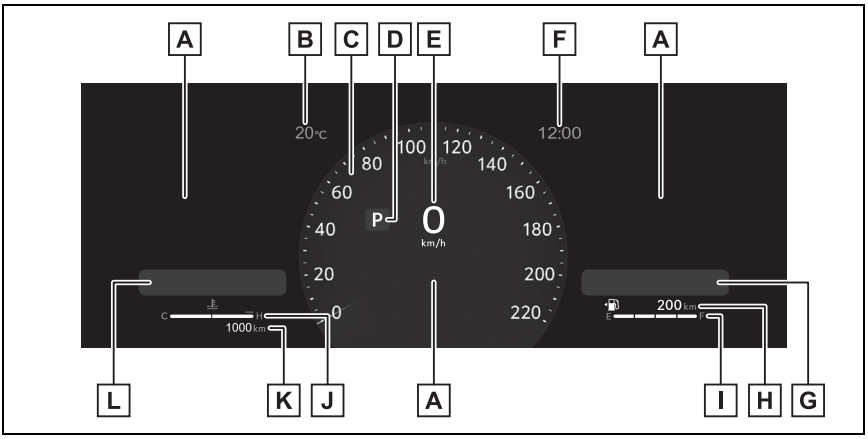
**The meters display various drive information.**

## Meter display

### ■ Locations of gauges and meters

The display type can be selected. (→P.117)

▶ Simple/1 dial/Navigation/Driving support system information/ECO




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.111)
Displays warning messages if a malfunction occurs (→P.562)

B Outside temperature (→P.109)

C Analog meter (1 dial only)

The dial type of analog meter can be changed on ⚙ of the multi-information display. (→P.117)

Tachometer (if equipped):

Displays the engine speed in revolutions per minute.

Analog speedometer:

Displays the vehicle speed.

Hybrid System Indicator:

Displays the Hybrid System Indicator. (→P.109)

Change with Drive Mode (if equipped):

When the drive mode switch is pressed, the analog meter switches between the tachometer and the hybrid system indicator according to the selected driving mode. (→P.426)

### D Shift position and shift range*

(→P.230, 233)

### E Digital speed meter*

Displays the vehicle speed

### F Clock

Automatically adjusts the time by using the GPS time information (GPS clock).

For details, refer to “Multimedia owner’s manual”.

### G Widget (Fuel Economy)

Displays fuel economy information. (→P.113)

While list of items for content display area (→P.111) is displayed, widget will not be displayed.

### H Distance to empty

Displays driving range with remaining fuel. (→P.109)

### I Fuel gauge

Displays the quantity of fuel remaining in the tank.

In the following situations, the actual quantity of fuel remaining in the tank may not be displayed correctly. Refer to P.109 if the actual quantity of fuel remaining in the tank is not displayed correctly.

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

### J Engine coolant temperature gauge

Displays the engine coolant temperature

### K Odometer

Displays the total distance the vehicle has been driven.

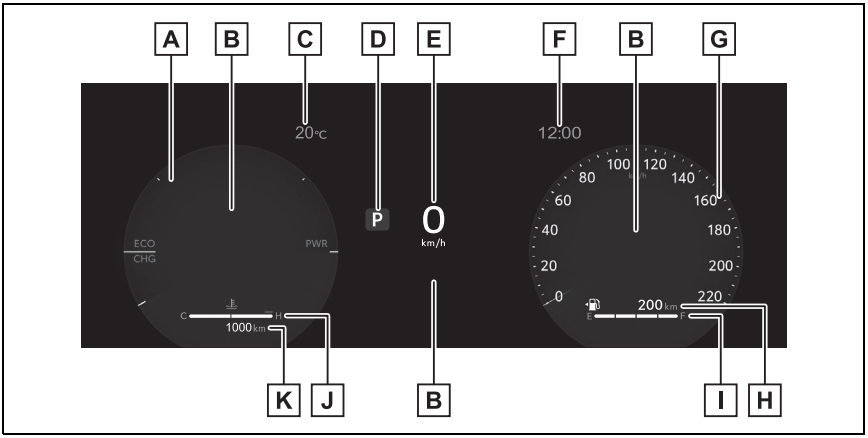
### L Widget (Audio system-linked display)

Displays the selected audio source or track on the meter. (→P.115)

While list of items for content display area (→P.111) is displayed, widget will not be displayed.

*: The positions where information is displayed may vary depending on the selected screen, whether or not pop-up displays are shown, or other display conditions.

▶ 2 dials




## A Analog meter

The dial type of analog meter can be changed on ⚙ of the multi-information display. (if equipped) (→P.117)

Tachometer (if equipped):

Displays the engine speed in revolutions per minute.

Hybrid System Indicator:

Displays the Hybrid System Indicator. (→P.109)

Change with Drive Mode (if equipped):

When the drive mode switch is pressed, the analog meter switches between the tachometer and the hybrid system indicator according to the selected driving mode. (→P.366)

## B Multi-information display

Presents the driver with a variety of vehicle data (→P.111)

Displays warning messages if a malfunction occurs (→P.562)

## C Outside temperature (→P.109)

## D Shift position and shift range*

(→P.230, 233)

## E Digital speed meter*

Displays the vehicle speed.

## F Clock

Automatically adjusts the time by using the GPS time information (GPS clock).

For details, refer to “Multimedia owner’s manual”.

### G Analog speedometer

Displays the vehicle speed.

### H Distance to empty

Displays driving range with remaining fuel. (→P.109)

### I Fuel gauge

Displays the quantity of fuel remaining in the tank.

In the following situations, the actual quantity of fuel remaining in the tank may not be displayed correctly. Refer to P.109 if the actual quantity of fuel remaining in the tank is not displayed correctly.

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

### J Engine coolant temperature gauge

Displays the engine coolant temperature

### K Odometer

Displays the total distance the vehicle has been driven.

*: The positions where information is displayed may vary depending on the selected screen, whether or not pop-up displays are shown, or other display conditions.

**■ The meters and display illuminate when**

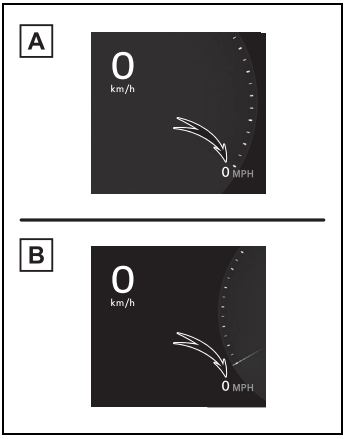
The power switch is in ON.

**■ Engine speed (if equipped)**

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

**■ If the units of measure for speedometer can be changed (if equipped)**

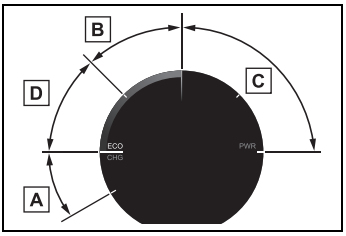
The other units of measure is also displayed as shown in the illustrations.




A Simple/1 dial/Navigation/Driving support system information/ECO

B 2 dials

■ **Hybrid System Indicator**




A Charge area

Shows regeneration* status.

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

B Eco area

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

By keeping the bar display within Eco area, more Eco-friendly driving can be achieved.

C Power area

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

D Hybrid Eco area

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

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

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

■ **Hybrid System Indicator is displayed when**

The Hybrid System Indicator is displayed in the following situations:

- The shift position is in D or S.
- The hybrid system is started.

■ **Outside temperature display**

- Displays the outside temperature within the range of -40°C (-40°F) to 50°C (122°F).
- When the outside temperature is approximately 3°C (37°F) or lower, the indicator will flash for approximately 10 seconds, then stay on.
- In the following situations, the correct outside temperature may not be displayed, or the display may take longer than normal to change:
  - When stopped, or driving at low speeds (less than 20 km/h [12 mph])
  - When the outside temperature has changed suddenly (at the entrance/exit of a garage, tunnel, etc.)
- When "--" or "E" is displayed, the system may be malfunctioning. Take your vehicle any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **Distance to empty**

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

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

The fuel gauge and the possible driving range are linked. If the displays of the fuel gauge and possible driving range do not update after adding a small

amount of fuel, the displays can be updated by performing the following procedure.

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

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

### Liquid crystal display

→P.111

### Customization

The gauges and meters can be customized on ⚙ of the multi-information display. (→P.117)

**WARNING**

**The information display at low temperatures**

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

For example, there is a lag between the driver's shifting and the new gear number appearing on the display. This lag could cause the driver to downshift again, causing rapid and excessive engine braking and possibly an accident resulting in death or injury.

NOTICE

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

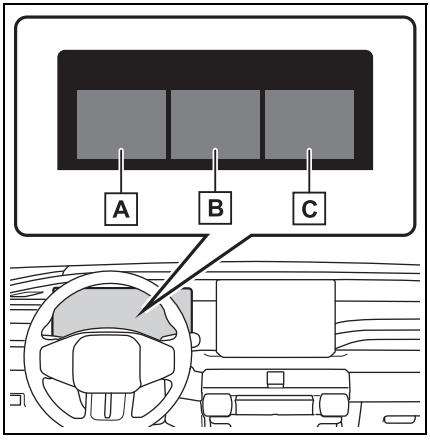
- Do not let the indicator needle of the tachometer enter the red zone, which indicates the maximum engine speed. (if equipped)
- The engine may be overheating if the engine coolant temperature gauge is in the red zone (H). In this case, immediately stop the vehicle in a safe place, and check the engine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

## Multi-information display

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

### Display contents

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




A Content display area (left)

B Content display area (center)

C Content display area (right)

■ **Content display area (center)**

- Map display (→P.119)
- Driving support system information (→P.271)
- Fuel consumption screen (→P.119)
- Blank (No items) (→P.117)

■ **Content display area (left)**

- Fuel Economy (→P.113)
- ECO Accelerator Guidance/"Eco Score" (→P.113)
- Driving time since starting/EV Driving Ratio (→P.115)
- Navigation system-linked display (→P.115)
- Audio system-linked display (→P.115)
- Drive information (→P.115)
- TRIP A (→P.115)
- TRIP B (→P.115)
- Energy monitor (→P.116)
- TPMS (→P.117)
- AWD operation status display (if equipped) (→P.117)
- Warning message display
- Settings display (→P.117)
- Blank (No items) (→P.117)

■ **Content display area (right)**

- Driving support system information display*1 (→P.119)
- Navigation system-linked display*2 (→P.115)

*1: When except Driving support system information display is selected.

*2: When Driving support system information display is selected.

■ **Liquid crystal display**

Small spots or light spots may appear on the display. This phenomenon is

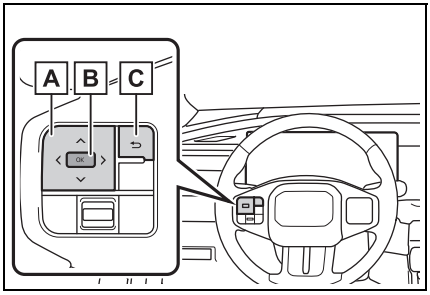
characteristic of liquid crystal displays, and there is no problem continuing to use the display.

**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.

## Meter control switches




A : Change the screen, display the cursor and move the cursor up/down

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

B Press: Enter/Set
Press and hold: Reset/Display customizable items

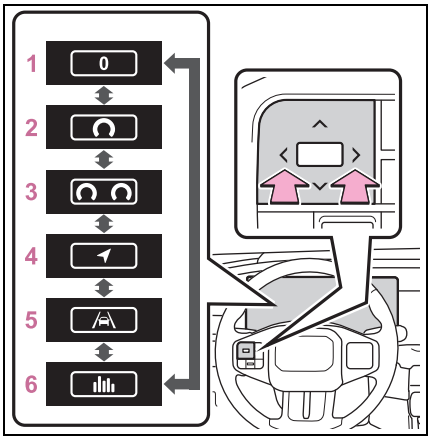
C Return to the previous screen

## Changing the display

The multi-information display is operated using the meter control switches.

### ■ Changing the screen

Press or of the meter control switches to scroll the screen.




1 Simple
2 1 dial
3 2 dials
4 Navigation
5 Driving support system information*
6 ECO

*: For details, refer to P.271

### ■ Changing settings of the meter type

The meter type can be set from on the multi-information display. (→P.617)

### ■ Changing the display contents

Press the or on the meter operation switch to switch items in the contents display area (left).

### ■ Changing the meter display item

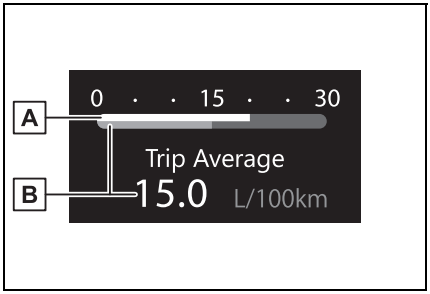
The items to be displayed in the contents display area (left) can be set from ⚙ on the multi-information display. (→P.617)

**WARNING**

**■ Caution for use while driving**

For safety, avoid operating the meter control switches while driving as much as possible, and do not look continuously at the multi-information display while driving. Stop the vehicle and operate the meter control switches. Failure to do so may cause a steering wheel operation error, resulting in an unexpected accident.

## Fuel Economy




A Current fuel economy

Displays the instantaneous current fuel Economy.

B Average fuel economy

Displays the average fuel economy since the function was reset or the average fuel economy after starting.*1, 2, 3

The average fuel economy selected by "Fuel Economy" on the ⚙ screen is displayed.

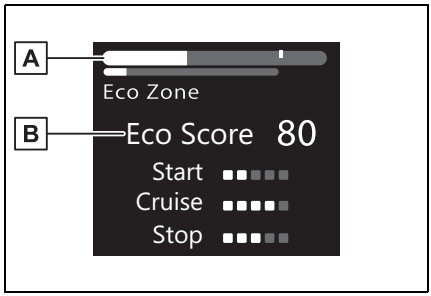
*1: Use the displayed fuel consumption as a reference only.

*2: Average fuel economy after starting is reset each time the hybrid system stops.

*3: Average fuel economy since the function was reset can be reset by pressing and holding OK.

## ECO Accelerator Guidance/"Eco Score"

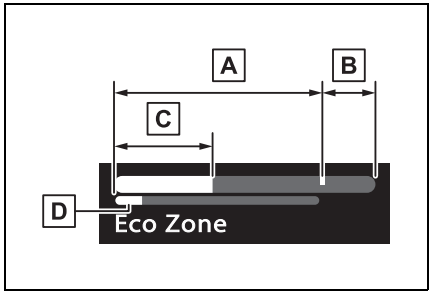
Displays a reference operation range for using the accelerator pedal according to driving conditions, and a score result that evaluates the current driving status.




A ECO Accelerator Guidance

B "Eco Score"

### ■ ECO Accelerator Guidance



A ECO area

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

B Power area

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

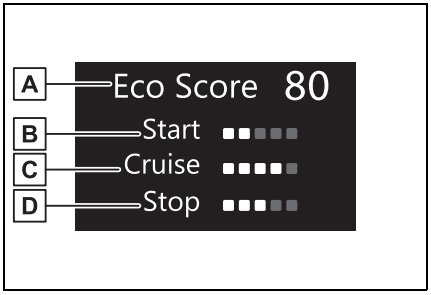
C Current acceleration

D Reference operation range

A zone is displayed in blue under the Eco area which can be used as a reference operation range for using the accelerator pedal according to driving conditions such as starting off and cruising.
The ECO Accelerator Guidance display changes according to the driving status, such as when starting off or cruising.
It is easier to drive in an Eco-friendly manner by driving according to the display showing the accelerator pedal operations and staying within the reference operation range.

■ **“Eco Score”**

The driving status for the following 3 situations are evaluated in 5 levels: Smooth start-off acceleration (“Start”), driving without sudden acceleration (“Cruise”) and smooth stopping (“Stop”). Each time the vehicle is stopped, a score result is displayed out of a perfect score of 100 points.




A Score result

B Eco start status

C Eco cruise status

D Eco stop status

3 situations are displayed with each icon while driving.

How to read the bar display:

| Score | Bar display |
|---|---|
| Unrated | |
| Low | |
| High | |

After starting off, “Eco Score” display does not start until the vehicle speed exceeds approximately 30km/h (19mph).
The “Eco Score” is reset each time the vehicle starts off to start a new evaluation.

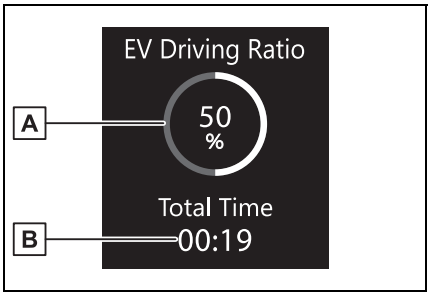
■ **ECO Accelerator Guidance/“Eco Score” will not operate when**

The ECO Accelerator Guidance/“Eco Score” will not operate in the following situations:

- The Hybrid System Indicator is not operating.
- The vehicle is being driven using the

dynamic radar cruise control.

## EV Ratio/EV Driving Ratio




A EV driving ratio after starting

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

B Elapsed time after starting

Displays the elapsed time since hybrid system was started.*

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

## Navigation system-linked display

Select to display the following navigation system-linked information.

- Next street name
- Turn-by-turn directions/guidance
- Distance from the vehicle position to the destination
- Name of the street in which the vehicle is currently being driven
- Distance to the next turn and the turn direction

## Audio system-linked display

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

## Driving information display

### Drive information

2 items that are selected using the “Drive Info Items” setting (average speed and distance) can be displayed vertically.

Use the displayed information as a reference only.

- “Average Speed”: Displays the average vehicle speed since hybrid system start*
- “Distance”: Displays the distance driven since hybrid system start*
- “Total Time”: Displays elapsed time since hybrid system start*

*: These items are reset each time the hybrid system stops.

## Trip information display

2 items that are selected using the “TRIP A Items” or “TRIP B Items” setting (average speed and distance) can be displayed vertically.

Use the displayed information as a reference only.

- “Average Speed”: Displays the average vehicle speed since the display was reset*
- “Distance”: Displays the distance

driven since the display was reset*

- "Total Time": Displays elapsed time since the display was reset*

*: To reset, display the desired item and press and hold OK.

## Energy monitor

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

### Reading the display

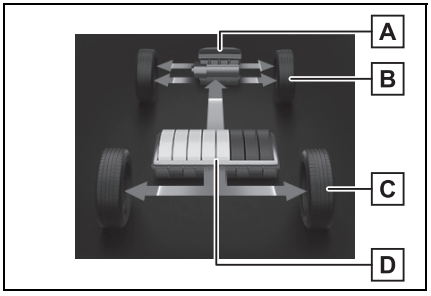
The arrows will appear in accordance with the energy flow. When there is no energy flow, arrows will not be displayed.

The color of the arrows will change as follows

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

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

Red: When the gasoline engine is in use.




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

A Gasoline engine

B Front tires

C Rear tires*

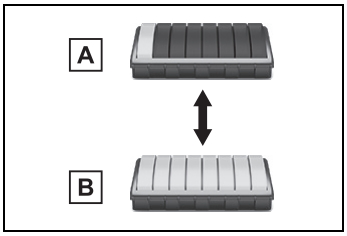
D Hybrid battery (traction battery)

*: For FF vehicles, the arrows to C are not displayed.

#### Hybrid battery (traction battery) status

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

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




A Low

B High

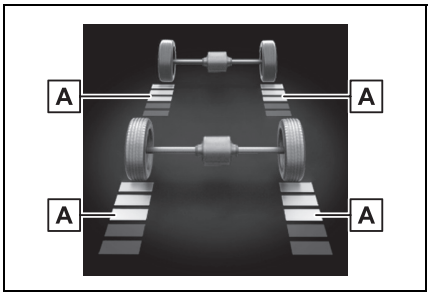
#### Remaining charge amount warning of hybrid battery (traction battery)

- The buzzer sounds intermittently when the hybrid battery (traction battery) remains without charging while the shift position is in N, or the remaining charge amount drops below a certain level. If the remaining charge amount drops further, the buzzer sounds continuously.
- When a warning message is shown on the multi-information display and the buzzer sounds, follow the instructions displayed on the screen to perform troubleshooting.

## Tire inflation pressure

→P.513

## AWD system display (AWD models)




A Torque distribution display

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

The illustration used is intended as an example, and may differ from the image that is actually displayed on the multi-information display.

## Blank (No items)

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

## Settings display

Vehicle settings and the content displayed on the screen can be changed by using the meter control switches.

### ■ Setting procedure

1 Press ∧ or ∨ with the cursor on the content display area (left), then select ⚙ and then press OK.

2 Press ∧ or ∨ of the meter control switches and move the cursor to select the item for changing settings.

If the function is turned on and off or the volume, etc. is changed on the setting screen, the setting is changed each time OK is pressed.

For functions that allow operation contents, display contents, etc., to be selected, the setting screen is displayed by pressing and holding OK.

When the setting screen is displayed, select the setting or desired value (time, etc.) with OK.

For functions whose level can be adjusted, operate < or > of the meter control switches and adjust the desired item.

3 After changing the settings, press ⮌ of the meter control switches.

### ■ Adjust Meter Brightness

Select to adjust the brightness of the instrument cluster lights.

### ■ HUD (Head-up display) (if equipped) (→P.123)

The settings of the head-up display can be changed.

### ■ Vehicle Settings

- PBD (Power Back Door) (if equipped)

Select to set up the following items.

• System settings

Select to enable/disable the power back door system.

• “Hands Free”*

Select to enable/disable the Hands Free Power Back Door.

• “Opening Adjustment”

Select the open position when power back door is fully open.

*: Vehicles with Hands Free Power Back Door

- Rear Seat Reminder* (→P.137)
  Select to enable/disable the Rear Seat Reminder function.

*: For Kyrgyzstan, Kazakhstan, Ukraine, Azerbaijan and Georgia

- Warning buzzer volume

The volume of the warning buzzer can be adjusted.

### Settings

- “Language”
  Select to change the language on the multi-information display.
- “Units”
  Select to change the unit of measure for fuel consumption.
- Meter Type
  Select to change the meter type setting. (→P.112)
- EV indicator
  Select to enable/disable the EV indicator.
- Displayed information
  The items to be displayed in the contents display area (left) can be set. (→P.111)
- Drive Info
  Select to change displayed items on drive information display. (→P.115)
- TRIP A Items
  Select to change displayed items on TRIP A display. (→P.115)
- TRIP B Items
  Select to change displayed items on TRIP B display. (→P.115)
- Pop-Up Display
  Select to enable/disable the pop-up displays, which may appear in some situations.
- Calendar
  Select to set up the calendar. This can only be set if GPS calibration of clock is turned off in the multimedia system settings.
- Default Settings
  Select to reset the meter display settings.

---

**Brightness of the meter lights (day mode and night mode)**

The brightness of the meter lights can be adjusted individually.

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

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

**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.

**WARNING**

**■ Cautions during setting up the display**

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

NOTICE

**■ During setting up the display**

To prevent 12-volt battery discharge, ensure that the hybrid system is operating while setting up the display features.

## Map display

Displays the map data according to the navigation system.

## Driving support system information display

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

- LTA (Lane Tracing Assist) (→P.297)
- LDA (Lane Departure Alert) (→P.305)
- Dynamic radar cruise control (→P.322)
- Cruise control (→P.338)

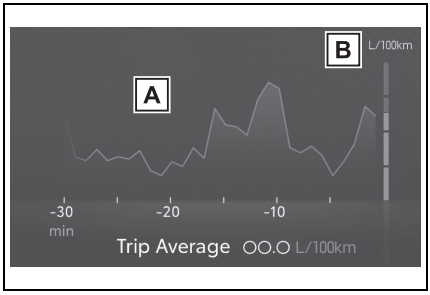
## Consumption screen

By selecting  during page switching (→P.111), the information on fuel consumption is displayed in the contents display area (center).

**■ Displaying the current fuel consumption screen**

1. Select ⚙ on the multi-information display.
2. Select “Meter Setting”, “Meter type” and then “ECO”.
3. Select “Fuel consumption”, “Graph type”, and then “Current data”.

**■ Current fuel consumption screen**




A Fuel consumption in the past 30 minutes

B Current fuel consumption

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

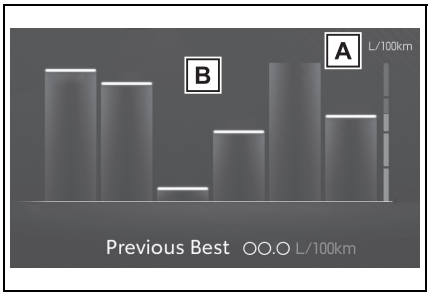
■ **Displaying the history fuel consumption screen**

1 Select ⚙ on the multi-information display.

2 Select “Meter Setting”, “Meter type” and then “ECO”.

3 Select “Fuel consumption”, “Graph type”, and then “History data”.

■ **History fuel consumption screen**




A Latest fuel consumption

B Previous fuel consumption record

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

■ **Updating the history data**

1 Select ⚙ on the multi-information display.

2 Select “Meter Setting”, “Meter type” and then “ECO”.

3 Select “Fuel consumption” and then “Update history data”.

■ **Resetting the data**

1 Select ⚙ on the multi-information display.

2 Select “Meter Setting”, “Meter type” and then “ECO”.

3 Select “Fuel consumption”.

4 Select “Clear current data” or “Clear history data”, whichever you want to reset.

## Warning message display

Select to display warning messages and measures to be taken if a malfunction is detected. (→P.562)

## Convenience Services (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 (setting on ⚙ set to off) 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”.

■ **Suggestion to turn off the headlights**

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

played.

When the headlight switch is in the AUTO position:

The message asking if you wish to turn the headlights off is displayed.

To turn the headlights off, select “Yes”.

If the driver’s 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”.

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

If the vehicle speed exceeds a certain speed with a power window open, a suggestion message will be displayed asking if you wish to close the power windows. To close all of the power windows, select “Yes”.

### ■ Customization

Some functions can be customized. (→P.617)

## Items displayed when the power switch is turned off

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

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

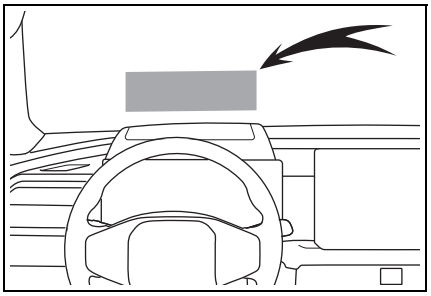
*: It is reset each time the hybrid system stops.

## 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.**

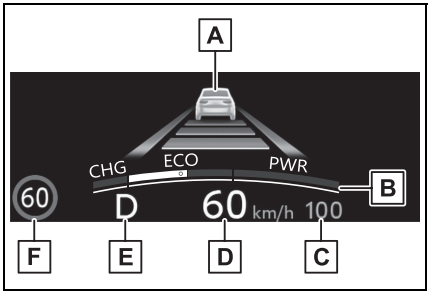
### System components



The meter display type setting of head-up display can be changed. (→P.123)

The content displayed will differ according to the driving conditions and display mode of the head-up display. Depending on the situation, pop-up displays will also be displayed.

■ **Full**




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

A Driving support system display area (→P.124)/Navigation system-linked display area

B Hybrid System Indicator/tachometer (if equipped) display area (→P.125)

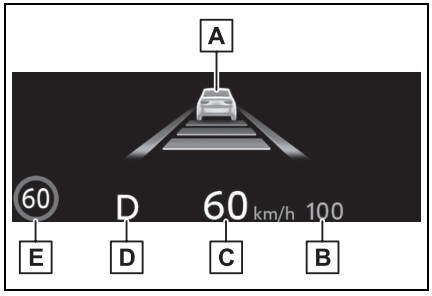
C Set vehicle speed (→P.325, 338)

D Speedometer

E Shift position (→P.230, 233)

F RSA (Road Sign Assist) display (→P.305)

■ **Standard**




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

A Driving support system display area (→P.124)/Navigation system-linked display area

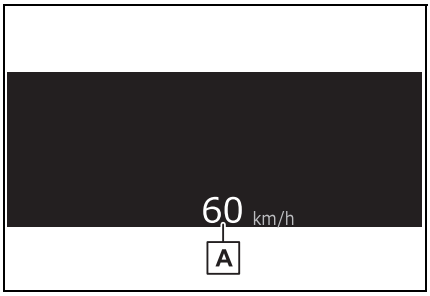
B Set vehicle speed (→P.325, 338)

C Speedometer

D Shift position (→P.230, 233)

E RSA (Road Sign Assist) display (→P.305)

■ **Minimum**




A Speedometer

■ **Head-up display will operate when**

The power switch is in ON.

■ **When using the head-up display**

The head-up display may seem dark or hard to see when viewed through sunglasses, especially polarized sunglasses. Adjust the brightness of the head-up display or remove your sunglasses.

■ **Street name display**

Only street names which are included in the map data will be displayed.

**WARNING**

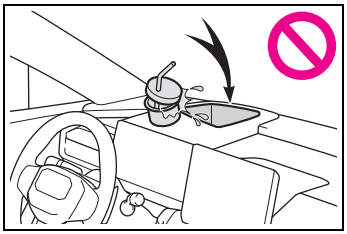
■ **When using the head-up display**

- Check that the position and brightness of the head-up display image does not interfere with safe driving. Incorrect adjustment of the image's position or brightness may obstruct the driver's view and lead to an accident, resulting in death or serious injury.
- Do not continuously look at the head-up display while driving as you may fail to see pedestrians, objects on the road, etc. ahead of the vehicle.

NOTICE

■ **Head-up display projector**

- Do not place any drinks near the head-up display projector. If the projector gets wet, electrical malfunctions may result.



- Do not place anything on or put stickers onto the head-up display projector.
  Doing so could interrupt head-up display indications.
- Do not touch the inside of the head-up display projector or thrust sharp edges or the like into the projector. Doing so could cause mechanical malfunctions.

## Using the head-up display

■ **Changing settings of the head-up display**

The following settings can be changed on ⚙ of the multi-information display. (→P.117)

- Enabling/disabling the head-up display

Select to enabling/disabling the head-up display.

● Head-up display type

Select to change head-up display type. (→P.122)

● Brightness and vertical position of the head-up display

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

● Analog meter type (if equipped)

- The analog meter can be set as the tachometer or hybrid system indicator.
- The drive mode select switch allows the analog meter to be set to switch to a tachometer or hybrid system indicator depending on the selected driving mode.

● Display angle

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

**■ Enabling/disabling of the head-up display**

If the head-up display is disabled, it will remain disabled when the power switch is turned off then back to ON.

**■ Calibration of head-up display images**

The images shown on the head-up display are automatically calibrated with appropriate adjustments according to the height of the display.

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

**■ Head-up display automatic position adjustment (If equipped)**

If the display position is recorded into memory, the head-up display will be automatically adjusted to the desired position. (→P.195)

**⚠ WARNING**

**■ Caution for changing settings of the head-up display**

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

**⚠ NOTICE**

**■ When changing the settings of the head-up display**

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

## Driving support system display area

Displays the operational status of the following systems:

- LTA (Lane Tracing Assist) (→P.297)
- LDA (Lane Departure Alert) (→P.305)
- Dynamic radar cruise control (→P.322)
- Cruise control (→P.338)

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.

## Navigation system-linked display area

Displays the following items which are linked to the navigation system:

- Next street name
- Turn-by-turn directions/guidance
- Distance from the vehicle position to the destination
- Name of the street in which the vehicle is currently being driven
- Distance to the next turn and the turn direction

## 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.

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.

### Warning message

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

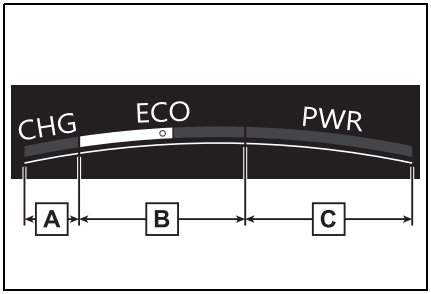
Details of content displayed on the head-up display may differ from that displayed on the multi-information display.

### 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.

## Hybrid System Indicator/tachometer (if equipped) display area

### Hybrid System Indicator




A Charge area

B Eco area

C Power area

Displays hybrid system output or regeneration level. For details, refer to P.108.

### Tachometer (if equipped)

Displays the engine speed in revolutions per minute.

**3-1. Key information**

Keys.....128

Digital Key .....131

**3-2. Opening, closing and locking the doors**

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**3-3. Adjusting the seats**

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**3-4. Adjusting the steering wheel and mirrors**

Steering wheel.....171

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Outside rear view mirrors .183

**3-5. Opening, closing the windows and moon roof**

Power windows.....185

Moon roof .....188

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**3-6. Favorite settings**

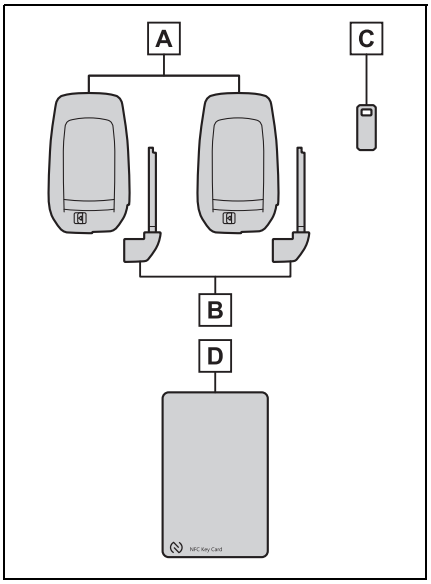
Driving position memory ...195

My Settings.....198

# Keys

## Key types

The following keys are provided with the vehicle.




A Electronic keys

- Operating the smart entry & start system (→P.160)
- Operating the wireless remote control function (→P.130)

B Mechanical keys

C Key number plate

D NFC Key Card*

(→P.131)

*: If equipped

### 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.
- If the battery becomes low, an alarm will sound in the cabin and a message will be displayed on the multi-information display when the hybrid system stops.
- To reduce key battery depletion when the electronic key is to not be used for long periods of time, set the electronic key to the battery-saving mode. (→P.161)
- As the electronic key always receives radio waves, the battery will become depleted even if the electronic key is not used. The following symptoms indicate that the electronic key battery may be depleted. Replace the battery when necessary.
  - The smart entry & start system or the wireless remote control does not operate.
  - The detection area becomes smaller.
  - The LED indicator on the key surface does not turn on.

You can replace the battery by yourself (→P.530). However, as there is a danger that the electronic key may be damaged, it is recommended that replacement is carried out by any authorized Toyota retailer or Toyota 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
  - Table lamps

- Induction cookers

● If the electronic key is near the vehicle for longer than necessary, even if the smart entry & start system is not operated, the key battery may become depleted faster than normal.

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

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

### ■ If “Key Battery Low Replace Key Battery” is displayed on the multi-information display

The electronic key has a low battery. Replace the electronic key battery. (→P.530)

### ■ Replacing the battery

→P.530

### ■ Confirmation of the registered key number

The number of keys already registered to the vehicle can be confirmed. Ask any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer for details.

### ■ If “A new key has been registered. If you do not recognize it, contact your dealer” is displayed on the multi-information display

This message will be displayed each time the driver’s door is opened when the doors are unlocked from the outside for approximately 10 days after a new key has been registered.
If this message is displayed but you have not had a new key registered, ask any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer to check if an unknown 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 keys.

● Do not place the keys near objects that produce magnetic fields, such as TVs, audio systems and induction cookers.

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

### ■ Carrying the electronic key on your person

Carry the electronic key 10 cm (3.9 in.) or more away from electric appliances that are turned on. Radio waves emitted from electric appliances within 10 cm (3.9 in.) of the electronic key may interfere with the key, causing the key to not function properly.

NOTICE

■ **In case of a smart entry & start system malfunction or other key-related problems**

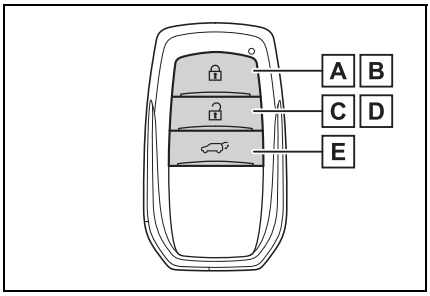
→P.589

■ **When an electronic key is lost**

→P.588

## Wireless remote control

The electronic keys are equipped with the following wireless remote control:




A Locks all the doors (→P.135)

B Closes the side windows*1 and the moon roof *1, 2, the panoramic moon roof*1, 2 (→P.135)

C Unlocks all the doors (→P.135)

D Opens the side windows*1 and the moon roof *1, 2, the panoramic moon roof*1, 2 (→P.135)

E Opens and closes the power back door*2 (→P.147)

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

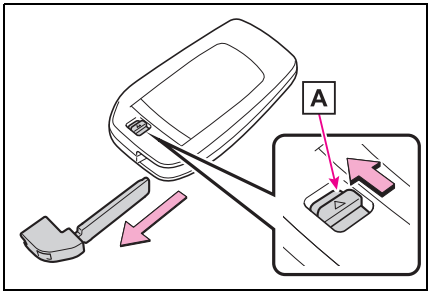
*2: If equipped

## Using the mechanical key

To take out the mechanical key, slide the release lever A 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.589)




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

Lock the glove box as circumstances demand. (→P.466)
Remove the mechanical key for your own use and provide the attendant with the electronic key only.

■ **If you lose your keys**

→P.588

■ **If a wrong key is used**

The key cylinder rotates freely to isolate inside mechanism.

## Digital Key*

*: If equipped

**A smartphone (including smart watch) can be used instead of the electronic key of the vehicle by installing the dedicated Toyota mobile App on a smartphone. Also, Digital Key can be shared with your family or friends using the Toyota mobile App.**

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

### NFC Key Cards

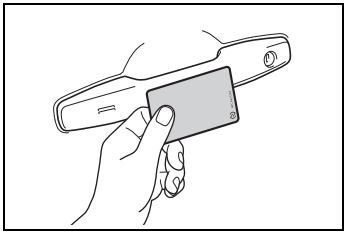
The supplied NFC Key Card can be used to unlock and lock the doors and start the hybrid system.

The NFC Key Card can be used even when the Digital Key cannot be used.

### Unlocking and locking the doors using the NFC Key Card

Hold the NFC Key Card over the position shown in the illustration on the outside of the driver seat.

All the doors are unlocked. All the doors can be locked by holding the NFC Key Card in the same way when locking the doors.

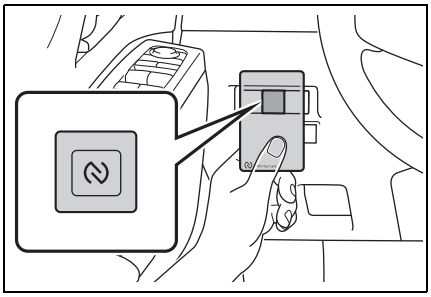


### Starting the hybrid system using the NFC Key Card

1 Depress the brake pedal with the shift position in P.

Keep depressing the brake pedal until step 3.

2 Hold the NFC Key Card over the position shown in the illustration.



When the NFC Key Card is recognized, a buzzer sounds and the power switch is automatically turned to ON. If the smart entry & start system setting is deactivated in the vehicle customization setting and ACC customization is in off, the power switch is turned to ACC.

3 Press the power switch shortly and firmly.

### Customization

If the Digital Key system has been deactivated in a customized setting, refer to P.615.

## Digital key usage conditions

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

- Install the Toyota mobile App
- Register the vehicle to the customer's Toyota mobile App profile
- Accept Connected Services Terms of Use

• Accept Digital Key Terms of Use

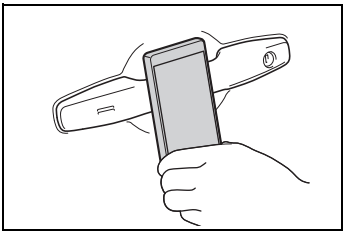
• Follow the Digital Key enrollment pro-

cess.

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

## Digital key precautions

- When using the Digital Key, observe the usage methods and precautions described in this manual.
  The Digital Key may be disabled in cases such as the following. Therefore, please also carry the vehicle's electronic key as necessary.
  - If your smartphone malfunctions
  - When the service has stopped temporarily due to system maintenance or some other reason
- Registration and deletion of Digital Key can be performed when the smartphone and server can communicate.
- The Digital Key can be used for a certain period of time even when the smartphone battery needs to be recharged.
  If the Digital Key cannot be used, use an electronic key or NFC Key Card.
- When transferring vehicle ownership, make sure to delete the Digital Keys.
  How to delete the Digital Keys, refer to the Toyota web site.
- If the vehicle is not operated for 14 days or more, the Digital Key will not connect automatically. In this case, hold the Digital Key to the position shown in the illustration below to unlock the door.



- A part of the services may be stopped due to server maintenance. However, registered Digital Keys can be used for certain period of time during the maintenance.
- A smartphone which downloaded the Toyota mobile App can be used to lock, unlock the doors, start the hybrid system, and perform any other operations as same as the electronic key of the vehicle. Be especially careful not to leave the smartphone unattended in the car, lose it, or allow it to be stolen. If the smartphone is lost or stolen, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.
- When taking your vehicle to contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer for an inspection or repairs,

make sure to bring electronic keys.

- With the Digital Key alone, the power back door's close & lock (walk-away) function cannot be used.
- The Digital Key system communicates with the smartphone, and if vehicle operation cannot be detected, it automatically changes to power saving mode. The following functions do not operate in power saving mode. In such cases, touch the driver door handle to unlock the door. The power saving mode can be canceled by turning the power switch to ON.
  - Illuminated entry system

### Situations where the function may not operate properly

The Digital Key system uses weak radio waves. In the following situations, the communication between the Digital Key and the vehicle may be affected, preventing the Digital Key system from operating properly.

- Under the following conditions when the vehicle is near locations where strong electrical waves and noise are generated.
  - Locations where electromagnetic noise is generated when a train passes by, such as under an elevated railway track or by the side of a railroad track.
  - Locations where electromagnetic noise is generated around high-voltage lines along roads and railroad tracks.
  - Locations where wireless communication devices such as smart home appliances are densely concentrated.
  - Around facilities, factories, or vehicles that have obtained a radio license.
- When the Digital Key is in contact with, or is covered by the following metallic objects.
  - Metal smartphone cases, wallets, or bags
  - IC cards or cards with aluminum foil
  - Cigarette packs containing aluminum foil inside
  - Coins
  - Hand warmers
  - Media such as CDs or DVDs
- When carrying the Digital Key together with the following devices that emit radio waves.
  - Other wireless communication devices such as cellular phones, wireless devices, cordless phones, etc.
  - Wireless communication devices such as smart home appliances, microwave ovens, drones, amateur radio stations, etc.
  - Personal computers, portable information terminals (tablets, etc.), digital audio players, and portable game devices
  - Induction rice cookers, induction pots, machine tools, vacuum cleaners, washing machines, dryers, plasma TVs, etc.
- If window tint with a metallic content or metallic objects are attached to the rear window.

- The Digital Key may not operate properly in the following cases.
  - When locking or unlocking the door, the smartphone is too close to the door glass, or is positioned near the ground or in a high location.
  - When opening the back door, the smartphone is near the ground or in a high place.
  - If the smartphone is away from the vicinity of the center console when the hybrid system is started.
  - The smartphone is placed in the clothing pocket or otherwise hidden and closely adhered to the body.
- The frequency used for communication between the smart phone (Digital Key) or NFC Key Card and the NFC antenna is 13.56 MHz. This frequency band is also assigned as the ISM band and is used for high frequency power sources, high frequency dryers, and high frequency plasma generators. If the product is used in an environment where these or similar devices are used, it may cause damage to the communication function.
  In addition, note that the contactless communication function may be affected by static electricity, electromagnetic noise, or surrounding metal environments. Communications may not function properly, especially if the product is surrounded by or in contact with metal objects.

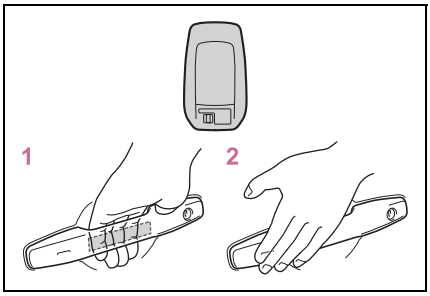
## Side doors

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

### Unlocking and locking the doors from the outside

#### ■ Using the entry function

Carry the electronic key to enable this function.



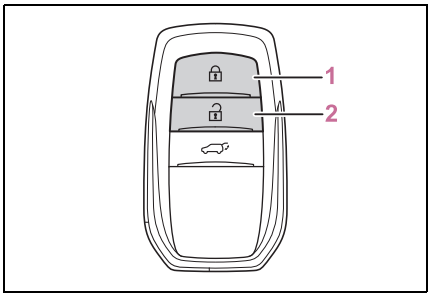

**1** Grip the front door handle to unlock the doors.

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.

**2** Touch the lock sensor (the indentation on the upper part of the door handle) to lock the doors.

Check that the door is securely locked.

#### ■ Using the wireless remote control




**1** Locks all the doors

Check that the door is securely locked.

Press and hold to close the side windows and panoramic moon roof (if equipped).*

**2** Unlocks all the doors

Press and hold to open the side windows and panoramic moon roof (if equipped).*

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

#### ■ Switching the door unlock function

It is possible to set which doors the entry function unlocks using the wireless remote control. Operate the switching operation in the vehicle or within approximately 1 m (3.2 ft.) of the vehicle.

**1** Turn the power switch to 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.95)

**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 | Unlocking function |
|---|---|
| ▶Left-hand drive vehicles  ▶Right-hand drive vehicles  | Holding the driver's door handle unlocks only the driver's door. |
| | Holding the front passenger's door handle or pressing the back door opener switch unlocks all the doors. |
|  | Holding either front door handle or pressing the back door opener switch unlocks all the doors. |

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.94)

### ■ 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

Doors: The emergency flashers flash to indicate that the doors have been locked/unlocked using the entry function (if equipped) or wireless remote control. (Locked: Once; Unlocked: Twice)

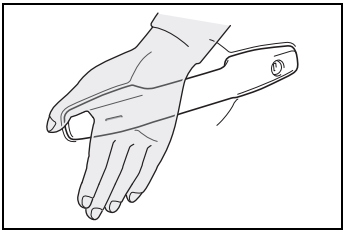
### ■ Security feature

If a door is not opened within approximately 30 seconds after the vehicle is unlocked using the entry function (if equipped) or wireless remote control, the security feature automatically locks the vehicle again. (However, depending on the location of the electronic key, the key may be detected as being in the vehicle. In this case, vehicle may be unlocked.)

### ■ When the door cannot be locked by the lock sensor on the surface of the door handle

When the door cannot be locked even if the lock sensor on the surface of the door handle is touched by a finger, touch the lock sensor with the palm.

When gloves are being worn, remove the gloves.



### Door lock buzzer

A buzzer sounds continuously for 5 seconds in the following situations. Fully close all the doors and lock the vehicle once more.

- If an attempt to lock the doors using the smart entry & start system is made when a door other than the door you are locking is open.
- If an attempt to lock the doors using the wireless remote control is made when a door is open.

### Setting the alarm (if equipped)

Locking the doors will set the alarm system. (→P.94)

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

→P.162

### 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.590)
- Replace the key battery with a new one if it is depleted. (→P.530)

### 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.590)

### Rear Seat Reminder function (For Kyrgyzstan, Kazakhstan, Ukraine, Azerbaijan and Georgia)

As the first reminder so as not to forget luggage, etc. in the rear seat, when the power switch is turned off after any of the following conditions are met, a buzzer will sound and a message will be displayed on the multi-information display for approximately 6 seconds.

Also, as the second reminder, when the doors are locked, a buzzer will sound and the emergency flashers will flash for a few seconds, and a message will be displayed on the multi-information display

- The hybrid system is started within 15 minutes after opening and closing a rear door.
- A rear door has been opened and closed after the hybrid system was started. The second reminder will not be activated if a rear door was opened before the doors are locked. 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 in 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. in the rear seat, or it may operate unnecessarily.

### Customization

Settings (e.g. unlocking function using a key) can be changed.
(Customizable features: →P.615)

**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 could be thrown out of the vehicle, resulting in death or serious injury.

- Ensure that all doors are properly closed.

**WARNING**

- 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 or mechanical key and operating the power windows or panoramic moon roof (if equipped)**

Operate the power window or panoramic moon roof after checking to make sure that there is no possibility of any passenger having any of their body parts caught in the side window or panoramic 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 side window or panoramic moon roof.

## Cabin Detection Alert System (Except for Kyrgyzstan, Kazakhstan, Ukraine, Azerbaijan and Georgia)

### Pre-warning

As a first reminder to avoid forgetting luggage, etc. in the rear seat, when the power switch is turned off after any of the following conditions are met, a buzzer will sound and a message will be displayed on the multi-information display for approximately 6 seconds.

- The hybrid system is started within approximately 15 minutes after opening and closing a rear door.
- A rear door has been opened and closed after the hybrid system was started.

If the sensor detects the rear passenger: The message asking if you wish to temporarily turn the warning off will be displayed. To turn the warning off, press and hold OK. If the sensor does not detect the rear passenger:

The message will be displayed asking you to check the rear seats.

### Initial warning

If the sensor detects the rear passenger:

As the second reminder, after the doors are locked, a buzzer will sound for a few seconds, and a message will be displayed on the multi-information display. The message asking if you wish to temporarily turn the warning off will be displayed. To turn the warning off, press and hold OK.

### Escalation warning

If the sensor still detects the rear

passenger in the vehicle 90 seconds after the initial warning has ended, the buzzer will sound as the escalation warning. This warning sequence will continue 15 second notification, 45 second rest, repeat 22 times or until the rear passenger exits from the vehicle.

- The Cabin Detection Alert System function determines whether items such as luggage are, placed in the rear seat based on the opening and closing of a rear door and using a sensor. Therefore, depending on the situation, the Cabin Detection Alert System function may not operate and you may still forget luggage, etc. in the rear seat, or it may operate unnecessarily.
- When “Rear seat reminder malfunction Visit your dealer” is displayed on the multi-information display, the following situations may occur. Check the situation and resolve the problem.

- The passenger may be in contact with, or hidden by a radio wave shielding object
- Other radio wave sources may interfere with the sensor
- The sensor may be covered with a radio wave shield

**■ Situations in which the system may not operate properly**

Certain vehicle environmental conditions may affect the ability of a sensor to correctly operate. Particular instances where this may occur are listed below.

- When the occupant is in the front seat, luggage compartment, or foot-well
- When the occupant move his/her body vigorously
- When the occupant is standing up
- When the occupant is covered by a jacket or bedding with heat-reflecting material
- When a large suitcase made of metal material is right next to the occupant
- When the following items are activated in or near the car
  - Radio waves emitted by occupant sensors of other vehicles
  - WiGig (60 GHz WiFi, Wireless Gigabit Alliance) like Hi-Res 4K Video Streaming, Ultra-Fast Wireless Data Transfer
  - License-free VR headset
  - 60 GHz drone
  - Unlicensed ISM (Industrial, Scientific and Medical) instruments and terminals that may operate in the 61-61.5 GHz band like WirelessHD
  - Mobile devices with motion gesture functions
- The sensor may be covered with a radio wave shield like a large metal accessory, large metal suitcase or fishing rod, etc.

**■ Situations in which the system may operate even if there is no occupant**

- In some situations such as the following, the system may operate because an object left in the vehicle moves due to vibration, shaking, air flow, etc.
  - When the vehicle is transported by a ferry, trailer, train, etc.
  - When an earthquake occurs
  - When the vehicle is parked under a viaduct
  - When the vehicle is parked in an elevated parking area on a highway
  - When the vehicle is parked on the street on a busy road
  - When the vehicle is parked near a construction sites
  - When the vehicle is parked outdoors

during extremely strong winds such as typhoons or heavy rain
- When the window or moon roof is open and the wind blows in.

- When an object left in the vehicle itself moves.
- When a person is leaning against the vehicle
- When a person is looking into the vehicle
- When a person is washing the vehicle
- When a person is wiping down a window
- When a person is refueling

## Cabin Detection Alert System (Except for Ukraine, Azerbaijan and Georgia)

### ■ Pre-warning

As a first reminder to avoid forgetting luggage, etc. in the rear seat, when the power switch is turned off after any of the following conditions are met, a buzzer will sound and a message will be displayed on the multi-information display for approximately 6 seconds.

- The hybrid system is started within approximately 15 minutes after opening and closing a rear door.
- A rear door has been opened and closed after the hybrid system was started.

If the sensor detects the rear passenger: The message asking if you wish to temporarily turn the warning off will be displayed. To turn the warning off, press and hold OK. If the sensor does not detect the rear passenger:

The message will be displayed asking you to check the rear seats.

### ■ Initial warning

If the sensor detects the rear passenger:

As the second reminder, after the doors are locked, a buzzer will sound for a few seconds, and a message will be displayed on the multi-information display. The message asking if you wish to temporarily turn the warning off will be displayed. To turn the warning off, press and hold OK.

### ■ Escalation warning

If the sensor still detects the rear passenger in the door-locked vehicle 90 seconds after the initial warning has ended, the buzzer will sound as the escalation warning. This warning sequence will continue 15 second notification, 45 second rest, repeat 22 times or until the rear passenger exits from the vehicle.

- The Cabin Detection Alert System function determines whether items such as luggage are, placed in the rear seat based on the opening and closing of a rear door and using a sensor. Therefore, depending on the situation, the Cabin Detection Alert System function may not operate and you may still forget luggage,

etc. in the rear seat, or it may operate unnecessarily.

- When “Rear seat reminder malfunction Visit your dealer” is displayed on the multi-information display, the following situations may occur. Check the situation and resolve the problem.

- The passenger may be in contact with, or hidden by a radio wave shielding object
- Other radio wave sources may interfere with the sensor
- The sensor may be covered with a radio wave shield

**■ Situations in which the system may not operate properly**

Certain vehicle environmental conditions may affect the ability of a sensor to correctly operate. Particular instances where this may occur are listed below.

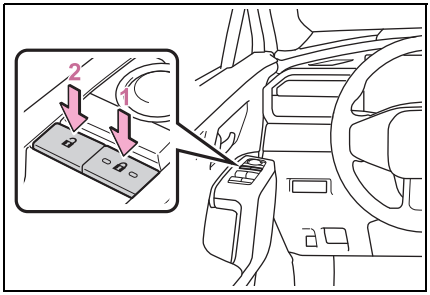
- When the occupant is in the front seat, luggage compartment, or foot-well
- When the occupant move his/her body vigorously
- When the occupant is standing up
- When the occupant is covered by a jacket or bedding with heat-reflecting material
- When a large suitcase made of metal material is right next to the occupant
- When the following items are activated in or near the car
  - Radio waves emitted by occupant sensors of other vehicles
  - WiGig (60 GHz WiFi, Wireless Gigabit Alliance) like Hi-Res 4K Video Streaming, Ultra-Fast Wireless Data Transfer
  - License-free VR headset
  - 60 GHz drone
  - Unlicensed ISM (Industrial, Scientific and Medical) instruments and terminals that may operate in the 61-61.5 GHz band like WirelessHD
  - Mobile devices with motion gesture functions
- The sensor may be covered with a radio wave shield like a large metal accessory, large metal suitcase or fishing rod, etc.

**■ Situations in which the system may operate even if there is no occupant**

- In some situations such as the following, the system may operate because an object left in the vehicle moves due to vibration, shaking, air flow, etc.
  - When the vehicle is transported by a ferry, trailer, train, etc.
  - When an earthquake occurs
  - When the vehicle is parked under a viaduct
  - When the vehicle is parked in an elevated parking area on a highway
  - When the vehicle is parked on the street on a busy road
  - When the vehicle is parked near a construction sites
  - When the vehicle is parked outdoors during extremely strong winds such as typhoons or heavy rain
  - When the window or moon roof is open and the wind blows in.
- When an object left in the vehicle itself moves.
  - When a person is leaning against the vehicle
  - When a person is looking into the vehicle
  - When a person is washing the vehicle
  - When a person is wiping down a window
  - When a person is refueling

## Unlocking and locking the doors from the inside

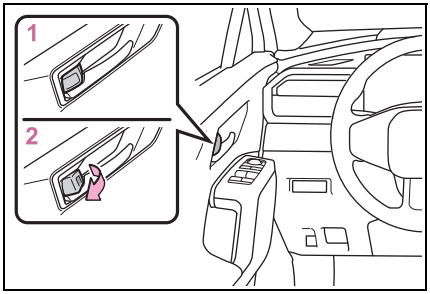
### ■ Using the door lock switch




**1** Locks all the doors

**2** Unlocks all the doors

### ■ Using the inside lock buttons




**1** Locks the door

**2** Unlocks the door

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

### ■ Locking the front doors from the outside without a key

**1** Move the inside lock button to the lock position.

**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.

Depending on the position of the electronic key, the key may not be detected correctly and the door may be locked.

### ■ Open door warning buzzer

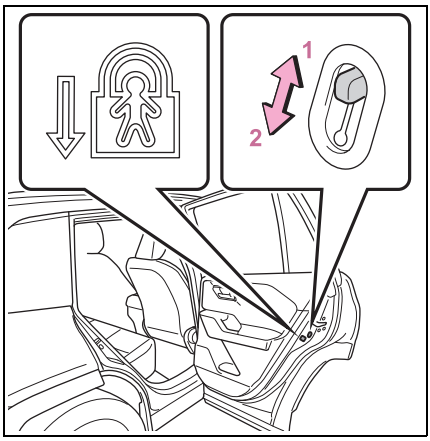
If the vehicle speed reaches 5 km/h (3 mph), a buzzer sounds to indicate that the door(s) or the hood is not fully closed.
The open door(s) or hood is displayed on the multi-information display.

### ■ When all the doors are locked with the entry function or wireless remote control

- The doors cannot be unlocked with the door lock switch.
- The door lock switch can be reset by unlocking all the doors with the entry function or wireless remote control.

## 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.615.

| Function | Operation |
|---|---|
| Speed linked door locking function | All doors are automatically locked when vehicle speed is approximately 20 km/h (12mph) 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 the shift position to P. |
| Driver's door linked door unlocking function | All doors are automatically unlocked when driver's door is opened within approximately 45 seconds after turning the power switch to OFF. |

## Back door

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

**WARNING**

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

**■ Before driving**

- Make sure that the back door is fully closed.
  If the back door is not fully closed, it may open unexpectedly while driving and hit near-by objects or luggage in the luggage compartment may be thrown out, causing an accident.
- 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, head, or neck to be caught by the closing back door.

**■ Important points while driving**

- Keep the back door closed while driving.
  If the back door is left open, it may hit near-by objects or luggage in the luggage compartment may be 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.

**WARNING**

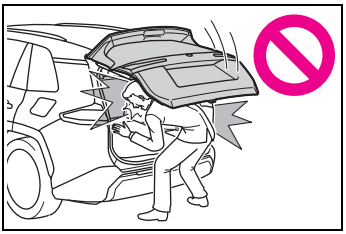
**■ Back door handles**

Do not hang any object to the back door handles.
If any object is hung, the back door may suddenly shut, causing parts of the body to be caught, resulting in death or serious injury.

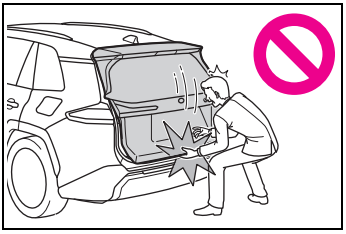
**■ Operating the back door**

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.



- Vehicles without power back door: When closing the back door, make sure to press it lightly on its outer surface. If the back door handle is used to fully close the back door, it may result in hands or arms being caught.

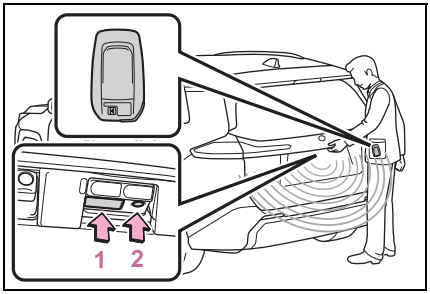
**WARNING**

- Do not pull on the back door damper stay (vehicles without power back door) (→P.147) or back door spindle (vehicles with power back door) (→P.158) 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.
- Vehicles without power back door:
  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, head or neck to be caught and injured. When installing an accessory part to the back door, using a genuine Toyota part is recommended.

## Unlocking and locking the back door from the outside

### ■ Using the entry function

Carry the electronic key to enable this function.




**1** Unlocks all the doors

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

**2** Locks all the doors

Check that the door is securely locked.

### ■ Using the wireless remote control

→P.135

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**■ Operation signals**

→P.136

**■ Security feature**

→P.136

## Unlocking and locking the back door from the inside

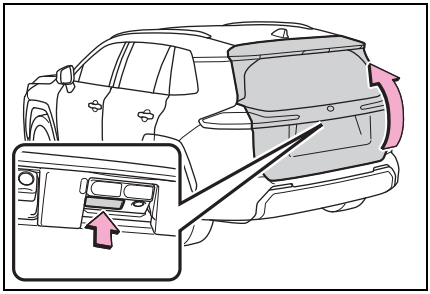
### ■ Using the door lock switch

→P.142

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

### ■ Open

Raise the back door while pressing up the back door opener switch.

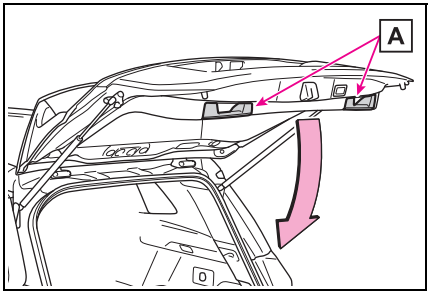


### ■ Close

Lower the back door using the back door handle [A] , and make sure to

push the back door down from the outside to close it.

Be careful not to pull the back door sideways when closing the back door with the handle.




### ■ Luggage compartment light

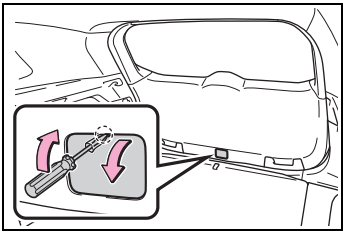
- The luggage compartment light turns on when the back door is opened.
- When the power switch is turned to OFF, the light will go off automatically after 10 minutes.

### ■ If the back door opener is inoperative

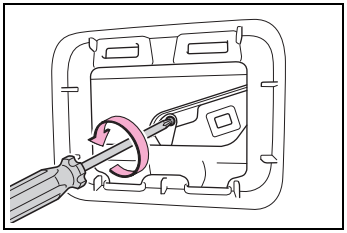
The back door can be unlocked from the inside.

**1** Remove the cover.

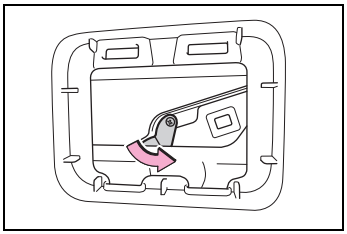
To prevent damage, cover the tip of the screwdriver with a rag.



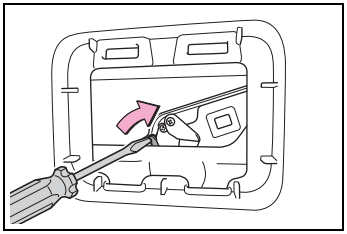
**2** Loosen the screw.



**3** Turn the cover.



**4** Move the lever.



**5** When installing, reverse the steps listed.

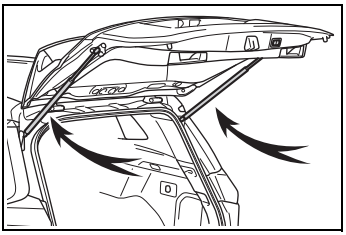
### ■ Open door warning buzzer

→P.142

NOTICE

**■ Back door damper stays**

The back door is equipped with damper stays that hold the back door in place.
Observe the following precautions. Failure to do so may cause damage to the back door damper stay, 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 Toyota 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)

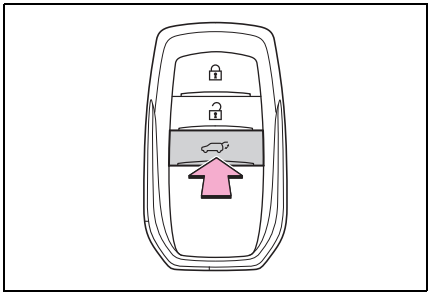
### ■ Using the wireless remote control

Press and hold the switch.

The power back door automatically opens/closes.

Unlock the back door before operating.

Pressing the switch while the power back door is opening/closing stops the operation. When the switch is pressed and held again during the halted operation, the back door will perform the reverse operation.



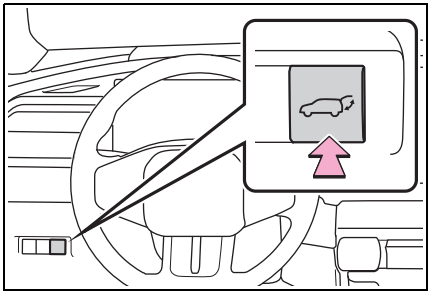
### ■ Using the power back door switch on the instrument panel

Press and hold the switch.

The power back door automatically opens/closes.

Unlock the back door before operating.

Pressing the switch while the power back door is opening/closing stops the operation. When the switch is pressed and held again during the halted operation, the back door will perform the reverse operation.



### ■ Using the switches on the back door

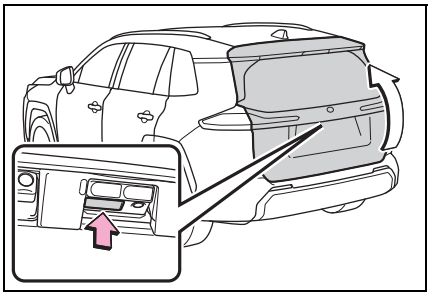
- Open

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 and hold the back door opener switch.

The power back door automatically opens.

Pressing the switch while the power back door is opening/closing stops the operation.

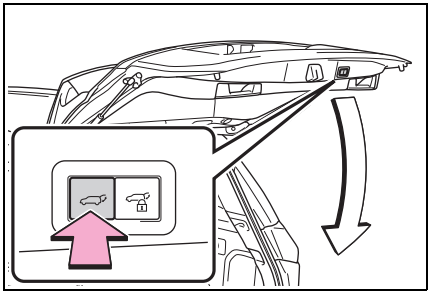


- Close

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

A buzzer will sound and the power back door automatically closes.

Pressing the switch while the power back door is operating will stop the operation. When the switch is pressed again during the halted operation, the back door will perform the reverse operation.

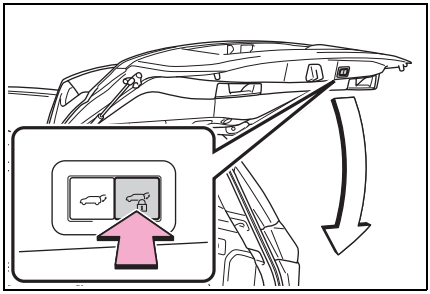


- Close the back door and lock all doors (close & lock function)

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

A buzzer will sound and the power back door will begin closing automatically. 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. Operation signals will indicate that all the doors have been closed and locked. (→P.152)

Pressing the switch while the power back door is operating will stop the operation. When the switch is pressed again during the halted operation, the back door will be closed.



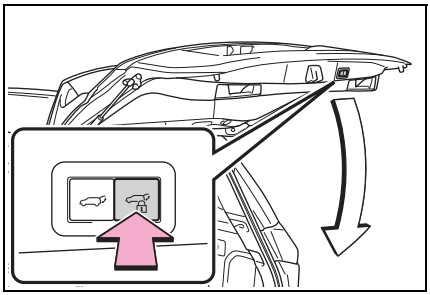
- Close the back door and lock all doors after moving away from

the back door (close & lock [Walk-Away] function)*

*: This setting can be customized by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

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

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



2 Keep a safe distance from the back door while the close and lock (walk-away) function is in standby mode.

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

All the doors other than the back door will be locked, and after the back door is closed, the back door will also be locked. When all the doors have been closed and locked, the buzzer will sound and the emergency flashers will flash.

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

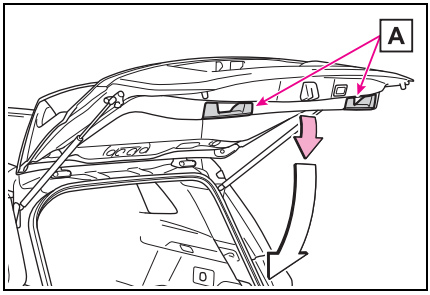
If you approach the back door carrying the electronic key, the back door operation will stop, all the doors will be unlocked, and the emergency flashers will flash.

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

### ■ Using the back door handle

Lower the back door using the back door handle A.

The back door closing assist (→P.153) will be activated, and a buzzer will sound and the power back door will fully close automatically.

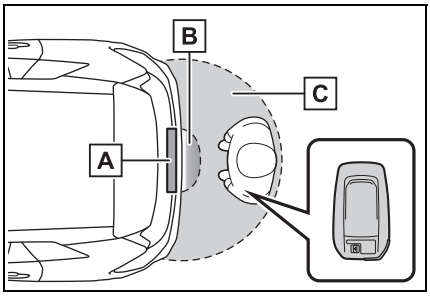



### ■ Using the kick sensor

The Hands Free Power Back Door enables automatic opening and closing of the power back door by putting your foot near the lower center part of the rear bumper and moving it away from the rear bumper. When operating the Hands Free Power Back Door, make sure that the kick sensor operation is enabled (→P.159) and you are car-

rying an electronic key.

1 Stand within the system operating range behind the rear bumper while carrying the electronic key.



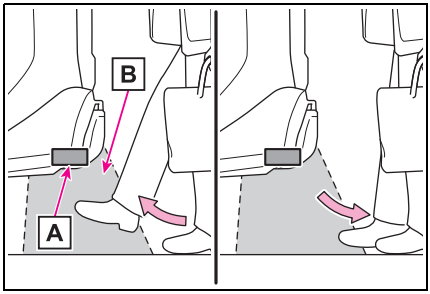

A Kick sensor

B Hands Free Power Back Door operation detection area

C Smart entry & start system operation detection area (→P.161)

2 Move your foot close to the lower center of the rear bumper and move your foot away within approximately 1 second.

- The back door will not start operating while a foot is detected under the rear bumper.
- Operate the Hands Free Power Back Door without contacting the rear bumper with your foot.
- If another electronic key is in the cabin or luggage compartment, it may take slightly longer than normal for the operation to occur.
- 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 opening/closing, the back door will stop moving.

If a foot is moved under the rear bumper again during the halted operation, the back door will perform the reverse operation.

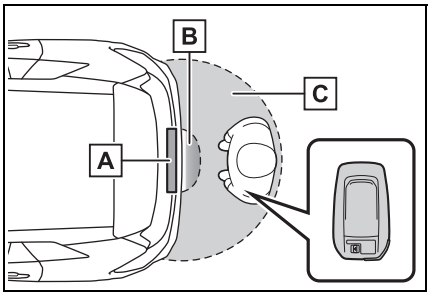
### ■ Closing and locking the back door after moving away from the back door using the kick sensor (Hands Free close & lock [Walk-Away] function) *

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

The Hands Free Power Back Door enables automatic closing and locking of the power back door by putting your foot near the lower center

part of the rear bumper, and moving away from the back door. When operating the Hands Free Power Back Door, make sure that the kick sensor operation is enabled (→P.159) and you are carrying an electronic key.

1 Stand within the system operating range behind the rear bumper while carrying the electronic key.



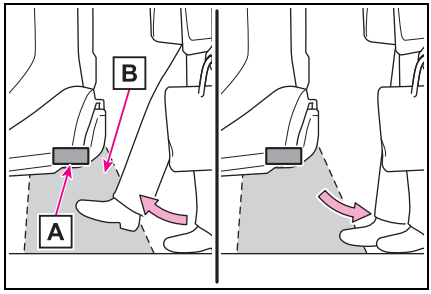

A Kick sensor

B Hands Free Power Back Door operation detection area

C Smart entry & start system operation detection area (→P.161)

2 Move your foot close to the lower center of the rear bumper and move your foot away within approximately 1 second.

- The back door will not start operating while a foot is detected under the rear bumper.
- Operate the Hands Free Power Back Door without contacting the rear bumper with your foot.
- If another electronic key is in the cabin or luggage compartment, it may take slightly longer than normal for the operation to occur.
- 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 Hands Free close & lock (Walk-Away) function will go into standby.

4 Keep a safe distance from the back door while the Hands Free close & lock (Walk-Away) function is in standby mode.

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

All the doors other than the back door will be locked, and after the back door is closed, the back door will also be locked. When all the doors have been closed and locked, the emergency flashers will flash. (→P.152)

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

from the beginning.

If you approach the back door carrying the electronic key, the back door operation will stop, all the doors will be unlocked, and the emergency flashers will flash. (→P.152)

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

### ■ Luggage compartment light

- The luggage compartment light turns on when the back door is opened.
- When the power switch is turned to OFF, the light will go off automatically after 10 minutes.

### ■ 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.

- The back door closer can function when the power switch is in any mode.
- The power back door can be opened using the back door opener switch even if the back door closer is operating.

### ■ Power back door operating conditions

The power back door can automatically open and close under the following conditions:

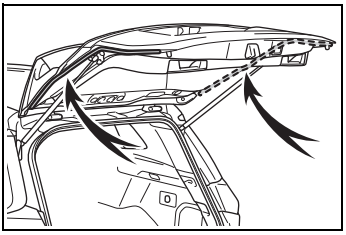
- When the power back door system is enabled. (→P.159)
- When the back door is unlocked. However, if the back door opener switch is pressed and held while carrying the electronic key on your person, the power back door will be operated even if the back door is locked. (→P.147)
- To initiate the opening operation when the power switch is ON, in addition to the above, the vehicle speed must be approximately under than 3km/h (2mph), and one of the following conditions must be met:
  - Parking brake is engaged
  - The brake pedal is depressed
  - The shift position is in P.

### ■ Operation of the power back door

- A buzzer sounds and the emergency flashers flash twice to indicate that the back door is opening/closing.
- When the power back door system is disabled, the power back door does not operate but it can be opened and closed by hand.
- When the power back door is opening automatically, a buzzer will sound and operation will stop if a malfunction is detected due to interference by a person or foreign object.
- When the power back door is automatically closing, a buzzer will sound, the door will move a small amount in the opposite direction and operation will stop if a malfunction is detected due to interference by a person or foreign object.
- When the power back door is automatically opening and closing, a buzzer will sound and operation will stop if the back door open switch is pressed.

### ■ Jam protection function

Sensors are equipped on both sides of the power back door. If anything obstructs the power back door while it is closing, the back door will automatically operate in the opposite direction or stop.



### ■ Fall-down protection function

While the power back door is opening

automatically, applying excessive force to it will stop the opening operation to prevent the power back door from suddenly shutting.

### Back door closing assist

If the back door is lowered manually when the back door is stopped at an open position, the back door will fully close automatically.

### Back door reserve lock function (if equipped)

This function is a function which 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 from the side doors (→P.135) or the wireless remote control. (→P.135)

A buzzer (if equipped) sounds and the emergency flashers flash to indicate that all the doors have been closed and locked. (→P.152)

- If the electronic key is placed inside the vehicle after starting a close operation via the door reserve lock function, the electronic key may become locked inside the vehicle.
- If the power back door does not fully close due to the operation of the jam protection function, etc., while the back door is automatically closing after a door reserve lock operation is performed, the door reserve lock function is canceled and all the doors will unlock.
- Before leaving the vehicle, make sure that all the doors are closed and locked.

### Close & lock (Walk-Away) function* operating conditions

*: This setting can be customized by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

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

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

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

*: This setting can be customized by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

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

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

### Close & lock function* operating conditions

*: This setting can be customized by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

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

- An electronic key is not detected

within the vehicle.

- All of the doors other than the power back door are closed.
- The power switch is in OFF.

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

**■ Hands Free Power Back Door operating conditions (vehicles with Hands Free Power Back Door)**

The Hands Free Power Back Door will open/close automatically when the following conditions are met:

- The kick sensor operation is enabled (→P.159)
- The electronic key is within the operational range. (→P.161)
- A foot is put near the lower center part of the rear bumper and moved away from the rear bumper.
  Make sure to put it close enough to the center part of the rear bumper.

**■ Situations in which the Hands Free Power Back Door may not operate properly (vehicles with Hands Free Power Back Door)**

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
- When an external radio wave source interferes with the communication between the electronic key and the vehicle (→P.161)
- 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 large amount of mud, snow, ice, water, 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 (vehicles with Hands Free Power Back Door)**

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.

To prevent unintentional operation, turn the Hands Free Power Back Door (kick sensor) operation setting off. (→P.159)

- 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
- When you pass by the vehicle while putting your foot under the rear bumper
- 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

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

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

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

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

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

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

- When the smart entry & start system does not operate properly.
- When the close & lock function does not operate properly.
- When moving away from the back door while the Hands Free close & lock (Walk-Away) function is in the standby state.
- When the number of electronic keys registered in the vehicle increases.
- When the Hands Free Power Back Door does not operate properly.

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

### When reconnecting the 12-volt battery

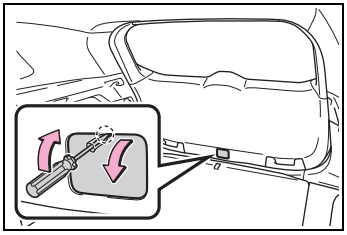
To enable the power back door to operate properly, close the back door manually.

### If the back door opener is inoperative

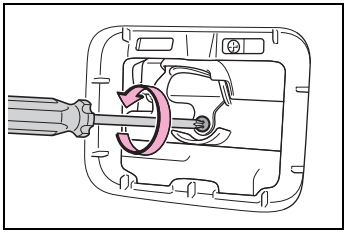
The back door can be unlocked from the inside.

1 Remove the cover.

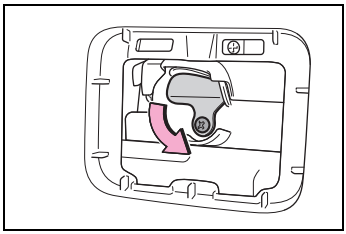
To prevent damage, cover the tip of the screwdriver with a rag.



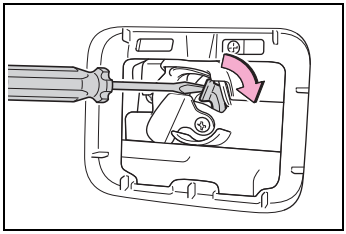
2 Loosen the screw.



3 Turn the cover.



4 Move the lever.



5 When installing, reverse the steps listed.

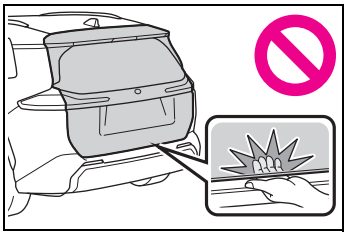
### Customization

Settings (e.g. power back door opening angle) can be changed. (Customizable features: →P.615)

### 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 or anything else in the back door, as this may cause bone fractures or other serious injuries.



- Use caution 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 turned off while the back door is operating automatically, the automatic operation is stopped. The back door then has to be operated manually. Take extra care when on an incline, as the back door may open or close unexpectedly.

**WARNING**

- If the operating conditions of the power back door are no longer met, a buzzer may sound and the back door may stop opening or closing. The back door then has to be operated manually. Take extra care when on an incline, as the back door may open or close abruptly.
- On an incline, the back door may suddenly shut after it opens. Make sure the back door is fully open and secure.
- In the following situations, the power back door may detect an abnormality and automatic operation may be stopped. In this case, the back door has to be operated manually. Take extra care when on an incline, as the back door may open or close abruptly.
  - When the back door contacts an obstacle
  - When the 12-volt battery voltage suddenly drops, such as when the power switch is turned to ON or the hybrid system is started during automatic operation
- If a bicycle carrier or similar heavy object is attached to the back door, the power back door may not operate, causing itself to malfunction, or the back door may suddenly shut again after being opened, causing someone's hands, head or neck to be caught and injured. When installing an accessory part to the back door, using a genuine Toyota part is recommended.

**■ 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 catch fingers 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.

**■ Close & lock (Walk-Away) function***

*: This setting can be customized by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

The back door starts to close automatically when leaving the back door. Check the safety of the surrounding area to make sure there are no obstacles or anything that could cause any of your belongings to get caught.

**■ Hands Free Power Back Door (if equipped)**

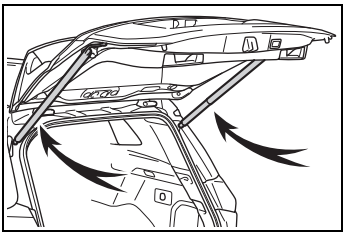
Observe the following precautions when operating the Hands Free Power Back Door.
Failure to do so may cause death or serious injury.

- 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.
- Do not operate if the space under the rear bumper is narrow. Touching your foot on the curb or other object may result in an injury when moving your foot in and out of the center area under the rear bumper.
- When putting your foot near the lower center part of the rear bumper and moving it from the rear bumper, be careful not to touch the exhaust pipes until they have cooled down sufficiently, as touching hot exhaust pipes can cause burns.

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 attach any accessories other than genuine Toyota parts to the back door.
- Do not place your hand on the spindle or apply lateral forces to it.

**■ To prevent back door closer malfunction**

Do not apply excessive force to the back door while the back door closer is operating. Applying excessive force may cause the back door closer to malfunction.

**■ To prevent damage to the power back door**

- Make sure that there is no ice between the back door and frame that would prevent movement of the back door. Operating the power back door when excessive load is present on the back door may cause a malfunction.
- Do not apply excessive force to the back door while the power back door is operating.
- Take care not to damage the sensors (installed on the right and left edges of the power back door) with a knife or other sharp object. If the sensor is disconnected, the power back door will not close automatically.

**■ Close & lock function***

*: This setting can be customized by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

When closing the power back door using the close & lock function, a buzzer will sound before the operation begins.

To check that the operation has started correctly, check that a buzzer 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. (→P.152)

Before leaving the vehicle, make sure that the operational signals have operated and that all of the doors are locked.

**■ Hands Free Power Back Door precautions (if equipped)**

The kick sensor is located behind lower center part of the rear bumper. Observe the following to ensure that the Hands Free Power Back Door function operates properly:

- Keep the lower center part of the rear bumper clean at all times.
  If the lower center part of the rear bumper is dirty or covered with snow, the kick sensor may not operate. In this situation, clean off the dirt or snow, move the vehicle from the current position and then check if the kick sensor operates. If it does not operate, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

NOTICE

- Do not apply coatings that have a rain clearing (hydrophilic) effect, or other coatings, to the lower center part of the rear bumper.
- Do not subject the kick sensor or its surrounding area to a strong impact. If the kick sensor or its surrounding area has been subjected to a strong impact, the kick sensor may not operate properly. If the kick sensor does not operate in the following situations, have the vehicle inspected by any authorized Toyota retailer or Toyota 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.
- If a bicycle carrier or similar heavy object is attached to the power back door, disable the Hands Free Power Back Door.

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

The settings of the power back door system can be changed by the multi-information display or Multimedia Display. (→P.117)

The changed power back door settings are not reset by turning the power switch to OFF. In order to restore the original settings, they need to be changed back on the multi-information display or Multimedia Display.

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

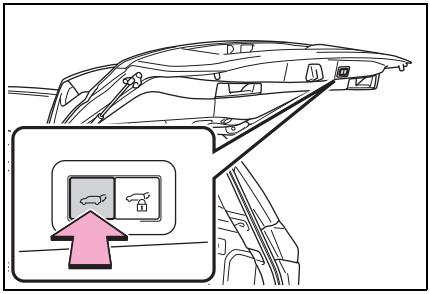
The open position of the power back door can be adjusted.

1 Stop the back door in the desirable position. (→P.147)

2 Press and hold the switch on the lower part of the back door for approximately 2 seconds.

When the settings are completed, the buzzer sounds 4 times.

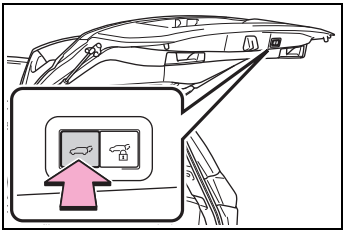
When opening the back door the next time, the back door will stop at that position.



### Canceling the adjusted open position of the back door

Press and hold the switch on the lower part of the back door for approximately 7 seconds.

A buzzer sounds twice. When the power back door does the opening operation the next time, the door will open to the initial settings position.



■ **Customization**

The opening position can be set with the multi-information display. (→P.615)

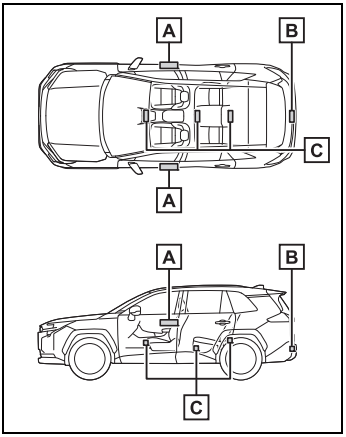
Priority for the stop position is given to the last position set by either the switch on the lower part of the back door or multi-information display.

## Smart entry & start system

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

- Locking and unlocking the side doors (→P.135)
- Locking and unlocking the back door (→P.145)
- Starting the hybrid system (→P.222)

■ **Antenna location**

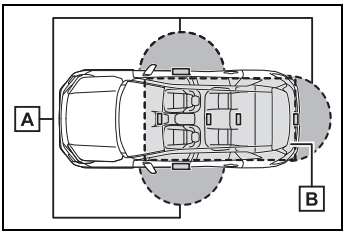



A Antennas outside the cabin

B Antenna outside the luggage compartment

C Antennas inside the cabin

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




A When locking or unlocking the doors

The system can be operated when the electronic key is within about 0.7 m (2.3 ft.) of either of the outside front door handles and back door opener switch. (Only the doors detecting the key can be operated.)

B When starting the hybrid system or changing power switch modes

The system can be operated when the electronic key is inside the vehicle.

### If an alarm sounds or a warning message is displayed

An alarm sounds and warning message displays shown on the multi-information display are used to protect against unexpected accidents or theft of the vehicle resulting from erroneous operation. When a warning message is displayed, take appropriate measures based on the displayed message.

When only an alarm sounds, circumstances and correction procedures are as follows.

- When an exterior alarm sounds once for 5 seconds

| Situation | Correction procedure |
|---|---|
| An attempt was made to lock the vehicle while a door was open. | Close all of the doors and lock the doors again. |

- When an interior alarm pings continuously

| Situation | Correction procedure |
|---|---|
| The power switch was turned to ACC while the driver's door was open (or the driver's door was opened while the power switch was in ACC). | Turn the power switch to OFF and close the driver's door. |

### Battery-saving function

The battery-saving function will be activated in order to prevent the electronic key battery and the 12-volt battery from being discharged while the vehicle is not in operation for a long time.

- In the following situations, the smart entry & start system may take some time to unlock the doors. Also, the interior lights may not turn on when the doors are unlocked.
  - The electronic key has been left in an area of approximately 3 m (9.8 ft.) of the outside of the vehicle for 40 seconds or longer.
  - The smart entry & start system has not been used for several days.
- If the smart entry & start system has not been used for 14 days or longer, the doors cannot be unlocked at any doors except the driver's door. In this case, take hold of the driver's door handle, or use the wireless remote control or the mechanical key, to unlock the doors.

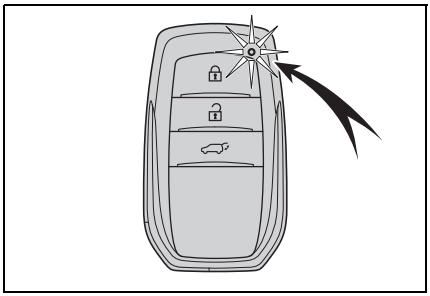
### Turning an electronic key to battery-saving mode

- When battery-saving mode is set, battery depletion is minimized by stopping the electronic key from receiving radio waves.

Press  twice while pressing and holding  .

Confirm that the electronic key indicator flashes 4 times.

While the battery-saving mode is set, the smart entry & start system cannot be used. To cancel the function, press any of the electronic key buttons.



- Electronic keys that will not be used for long periods of time can be set to the battery-saving mode in advance.

### When electronic key function stops

If the position of the electronic key has not changed for a certain amount of time such as when the electronic key is left somewhere, the function of the electronic key stops to reduce depletion of the battery.

In this case, function can automatically be restored by moving the position of the key such as by lifting it up.

### Conditions affecting operation

The smart entry & start system uses weak radio waves. In the following situations, the communication between the electronic key and the vehicle may be affected, preventing the smart entry & start system, wireless remote control and immobilizer system from operating properly.

(Ways of coping: →P.589)

- When the electronic key battery is depleted
- Near a TV tower, electric power plant, gas station, radio station, large display, airport or other facility that generates strong radio waves or electrical noise
- When the electronic key is in contact with, or is covered by the following metallic objects
  - Cards to which aluminum foil is attached
  - Cigarette boxes that have aluminum foil inside
  - Metallic wallets or bags
  - Coins
  - Hand warmers made of metal
  - Media such as CDs and DVDs
- When other wireless key (that emits radio waves) is being used nearby
- When carrying the electronic key together with the following devices that emit radio waves
  - Portable radio, cellular phone, cordless phone or other wireless communication devices
  - Another electronic key or a wireless key that emits radio waves
  - Personal computers or personal digital assistants (PDAs)
  - Digital audio players
  - Portable game systems
- If window tint with a metallic content or metallic objects are attached to the rear window
- When the electronic key is placed near a battery charger or electronic devices
- When the vehicle is parked in a pay parking spot where radio waves are emitted

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

- Bring the electronic key close to either front door handle and operate the entry function.
- Operate the wireless remote control.

If the doors cannot be locked/unlocked using the above methods, use the mechanical key. (→P.590)

If the hybrid system cannot be started using the smart entry & start system, refer to P.590.

### 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 cover or floor, or in the door pockets or glove box when the hybrid system is started or power switch modes are changed.
  - A person is between the vehicle and electronic key, blocking radio waves when the door is unlocked
- Do not leave the electronic key on top of the instrument panel or near the door pockets when exiting the vehicle. Depending on the radio wave reception conditions, it may be detected by the antenna outside the cabin and the 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 lock or unlock the vehicle.
- Even if the electronic key is not inside the vehicle, it may be possible to start the hybrid system if the electronic key is near the window.
- The doors may unlock if a large amount of water splashes on the door handle, such as in the rain or in a car wash when the electronic key is within the effective range. (The doors will automatically be locked after approximately 30 seconds if the doors are not opened and closed.)
- If the wireless remote control is used to lock the doors when the electronic key is near the vehicle, there is a possibility that the door may not be unlocked by the entry function. (Use the wireless remote control to unlock the doors.)
- Touching the door lock sensor while wearing gloves may delay or prevent lock operation. Remove the gloves and touch the lock sensor again.
- When the lock operation is performed using the lock sensor, recognition signals will be shown up to two consecutive times. After this, no recognition signals will be given.
- 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.161)
- If the electronic key is inside the vehicle and a door handle becomes wet during a car wash, a message may be shown on the multi-information display and a buzzer will sound outside the vehicle. To turn off the alarm, lock all the doors.
- The lock sensor may not work properly if it comes into contact with ice, snow, mud, etc. Clean the lock sensor and attempt to operate it again.
- A sudden approach to the effective range or door handle may prevent the doors from being unlocked. In this case, return the door handle to the original position and check that the doors unlock before pulling the door handle again.
- If there is another electronic key in the detection area, it may take slightly longer to unlock the doors after the door handle is gripped.

### When the vehicle is not driven for extended periods

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

ft.) of the vehicle.

- The smart entry & start system can be deactivated in advance. (→P.615)
- Battery-saving mode can reduce the power consumption of electronic keys. (→P.161)

### 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

- Locking and unlocking the doors: Use the mechanical key. (→P.615)
- Starting the hybrid system: →P.222

### Customization

Settings (e.g. smart entry & start system) can be changed.
(Customizable features: →P.615)

If the smart entry & start system has been deactivated in a customized setting, refer to the explanations for the following operations.

- Locking and unlocking the doors: Use the wireless remote control or mechanical key. (→P.135, 590)
- Starting the hybrid system and changing power switch modes: →P.590
- Stopping the hybrid system: →P.224

**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.160)
  The radio waves may affect the operation of such devices. If necessary, the entry function can be disabled. Ask any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer for details, such as the frequency of radio waves and timing of the emitted radio waves. Then, consult your doctor to see if you should disable the entry function.
- Users of any electrical medical device other than implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should consult the manufacturer of the device for information about its operation under the influence of radio waves. Radio waves could have unexpected effects on the operation of such medical devices.

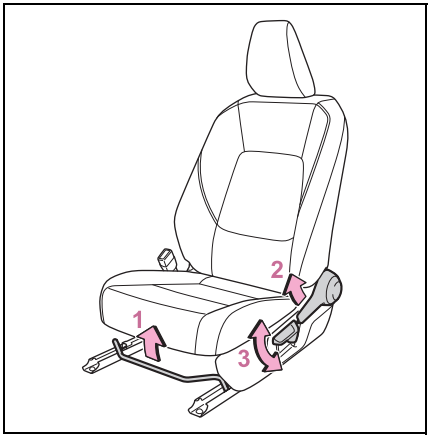
Ask any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer for details on disabling the entry function.

## Front seats

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

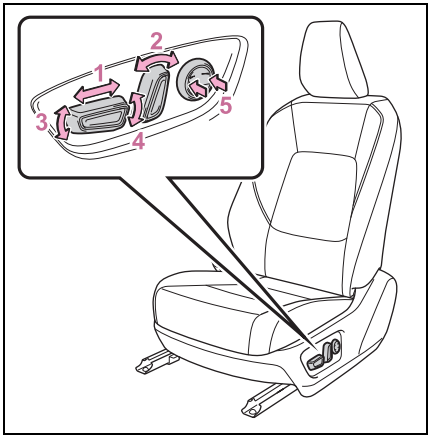
### Adjustment procedure

▶ Manual seat




1 Seat position adjustment lever
2 Seatback angle adjustment lever
3 Vertical height adjustment lever

▶ Power seat




1 Seat position adjustment switch
2 Seatback angle adjustment switch
3 Seat cushion (front) angle adjustment switch
4 Vertical height adjustment switch
5 Lumbar support adjustment switch (driver's side only)

**■ When adjusting the seat**

Take care when adjusting the seat so that the head restraint does not touch the ceiling and sun visor.

**WARNING**

**■ When adjusting the seat position**

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

**WARNING**

- Make sure to leave enough space around the feet so they do not get stuck.
- Manual seat only: After adjusting the seat, make sure that the seat is locked in position.

**■ Seat adjustment**

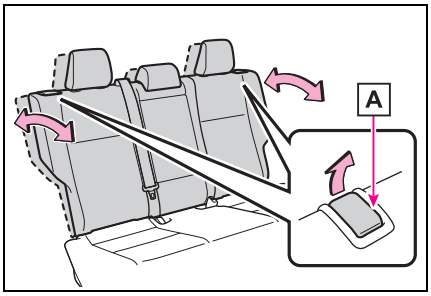
To reduce the risk of sliding under the lap belt during a collision, do not recline the seat more than necessary. If the seat is too reclined, the lap belt may slide past the hips and apply restraint forces directly to the abdomen, or your neck may contact the shoulder belt, increasing the risk of death 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

**Reclining adjustments and folding the seatbacks can be done with lever operation.**

### Adjustment procedure

Pull the seatback angle adjustment lever A , and adjust the seatback angle.




**WARNING**

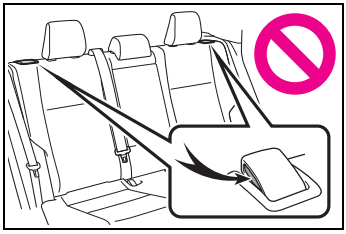
**■ When operating the seatback**

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

- Keep other passengers from being hit with the seatback.
- Do not bring your hands close to the moving parts or between the seats, as well as do not let any part of your body get caught.

**WARNING**

- After adjusting the seat, make sure that the seat is locked in position. If the seatback is not securely locked, the red marking will be visible. Make sure that the red marking is not visible.



## Folding down the rear seatbacks

### ■ Before folding down the seatbacks

1 Park the vehicle in a safe place.

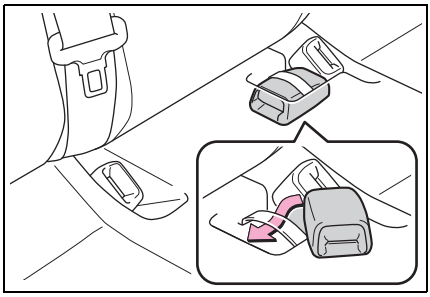
Apply the parking brake (→P.243) and shift the shift position to P. (→P.231, 235)

2 Adjust the position of the front seat and the angle of the seatback. (→P.165)

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 center rear seat. (→P.169)

4 Stow the center rear seat buckle.

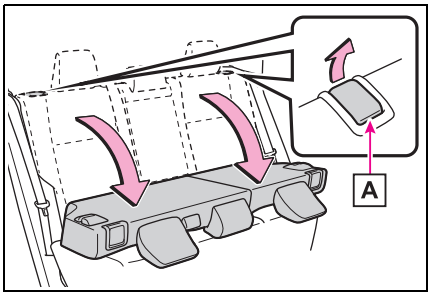


5 Stow the armrest of the rear seat if it is pulled out. (→P.485)

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

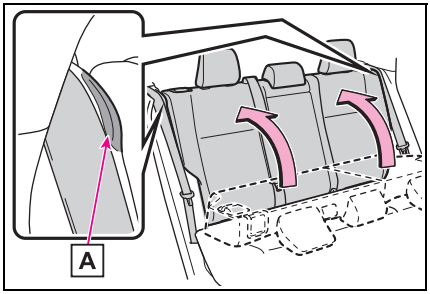
### ■ Folding down the seatbacks

While pulling the seatback angle adjustment lever A, 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 outside the seat belt guide A and then return the seatback securely to the locked position.




**WARNING**

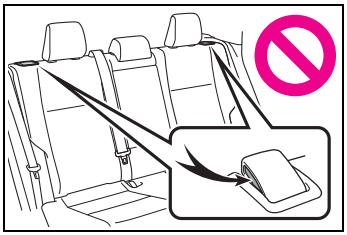
Observe the following precautions. Failure to do so may result in death or serious injury.

**■ When folding the rear seatbacks down**

- Do not fold the seatbacks down while driving.
- Stop the vehicle on level ground, set the parking brake and shift the shift position to P.
- Do not allow anyone to sit on a folded seatback or in the luggage compartment while driving.
- Do not allow children to enter the luggage compartment.
- Do not operate the rear seat if it is occupied.
- Be careful not to get feet or hands caught in the moving parts or joints of the seats during operation.
- Do not allow children to operate the seat.

**■ After returning the rear seatback to the upright position**

- 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. 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**

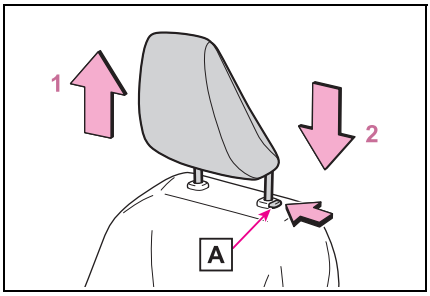
**■ Head restraint precautions**

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.
- Before using the outboard rear seat head restraints, push them up and down and make sure they are locked in position.

### Vertical adjustment

**■ Front seats**



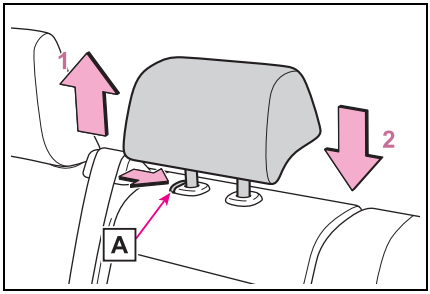

**1** Up

Pull the head restraints up.

**2** Down

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

**■ Center rear seat**




**1** Up

Pull the head restraints up.

**2** Down

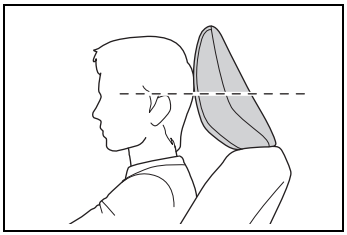
Push the head restraint down while pressing the lock release button A .

**■ Outboard rear seats**

Head restraints cannot be adjusted.

**■ 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.



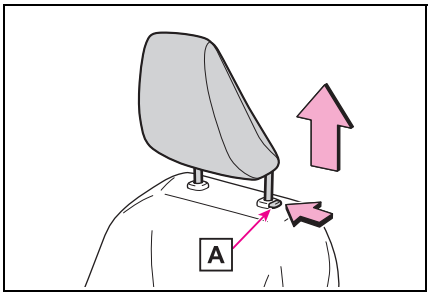
**■ Adjusting the center rear seat head restraint**

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 .

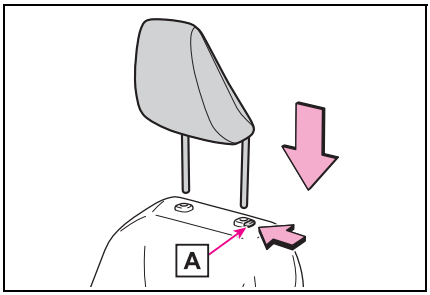
If the head restraint touches the ceiling, making the removal difficult, change the seat height or angle. (→P.165)




## Installing the head restraints

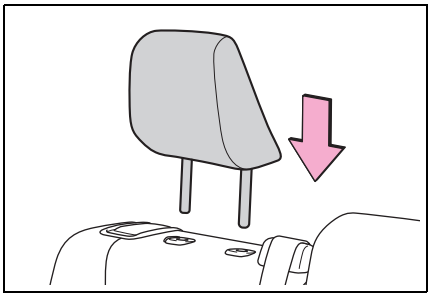
### ■ Front and center rear seats

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.




### ■ Outboard rear seats

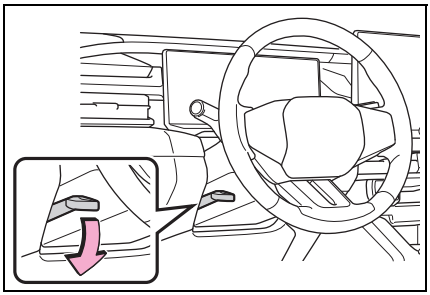
Align the head restraint with the installation holes and push it down to the lowest lock position.



# Steering wheel

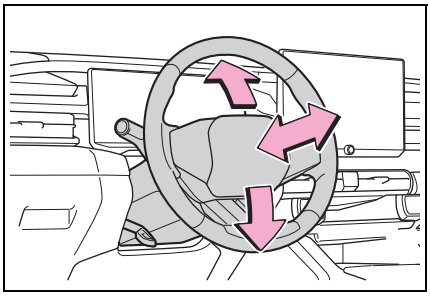
## Adjustment procedure

1 Hold the steering wheel and push the lever down.



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

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



**WARNING**

**■ Caution while driving**

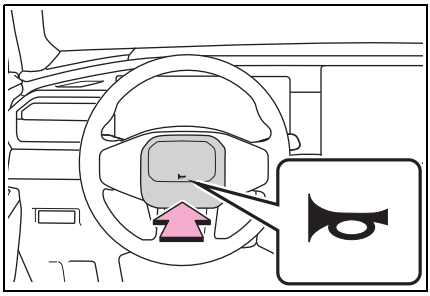
Do not adjust the steering wheel while driving.
Doing so may cause the driver to mishandle the vehicle and cause an accident, resulting in death or serious injury.

**■ After adjusting the steering wheel**

Make sure that the steering wheel is securely locked.
Otherwise, the steering wheel may move suddenly, possibly causing an accident, and resulting in death or serious injury. Also, the horn may not sound if the steering wheel is not securely locked.

## Sounding the horn

To sound the horn, press on or close to the mark.



## Inside rear view mirror*

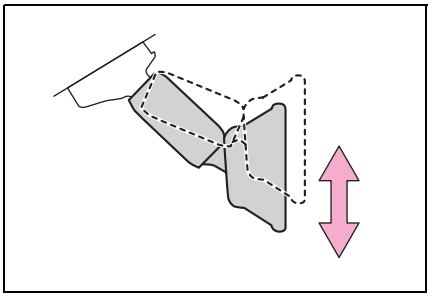
*: If equipped

**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**

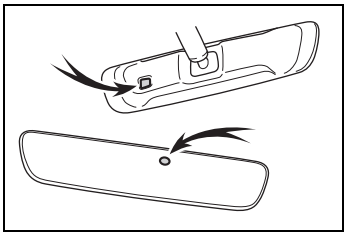
Do not adjust the position of the mirror while driving.
Doing so may lead to mishandling of the vehicle and cause an accident, resulting in death or serious injury.

### Anti-glare function

Responding to the level of brightness of the headlights of vehicles behind, the reflected light is automatically reduced.

**■ To prevent sensor error**

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



## Digital Rear-view Mirror*

*: If equipped

**The Digital Rear-view Mirror is a system that uses the camera on the rear of the vehicle and displays its image on the display of the Digital Rear-view Mirror.**

**The Digital Rear-view Mirror can be changed between mirror mode and digital mirror mode by operating the lever.**

**The Digital Rear-view Mirror allows the driver to see the rear view despite obstructions, such as the head restraints or luggage, ensuring rear visibility.**

**Also, the rear seats are not displayed and privacy of the passengers is enhanced.**

### WARNING

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

**■ Before using the Digital Rear-view Mirror**

- Make sure to adjust the mirror before driving. (→P.176)
  - Change to mirror mode and adjust the position of the Digital Rear-view Mirror so that the area behind your vehicle can be viewed properly.
  - Change to digital mirror mode and adjust the display settings.
- As the range of the image displayed by the Digital Rear-view Mirror is different from that of the mirror, make sure to check this difference before driving.

**■ While driving**

- Do not adjust the position of the Digital Rear-view Mirror or adjust the display settings while driving. Stop the vehicle and operate the Digital Rear-view Mirror control switches.
  Failure to do so may cause a steering wheel operation error, resulting in an unexpected accident.
- Always pay attention to the vehicle's surroundings.

The size of the vehicles and other objects may look different in digital mirror mode and mirror mode. When backing up, make sure to directly check the safety of the area around your vehicle, especially behind the vehicle.
Additionally, if a vehicle approaches from the rear in the dark, such as at night, the surrounding area may appear dim.

**■ To prevent causes of fire**

If the driver continues using the Digital Rear-view Mirror while smoke or odor comes from the mirror, it may result in fire. Stop using the system immediately and contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

### NOTICE

**■ To prevent the Digital Rear-view Mirror from malfunctioning**

- Do not use detergents, such as thinner, benzene, and alcohol to clean the mirror. They may discolor, deteriorate or damage the mirror surface.

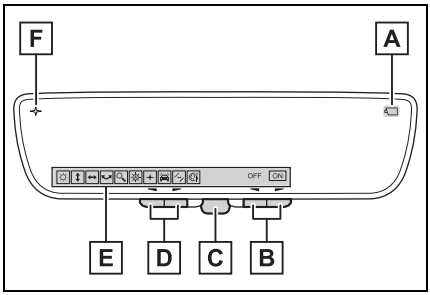
NOTICE

- Do not smoke, use matches, use cigarette lighters or allow open flames near the mirror. It may damage the mirror or cause a fire.
- Do not remove, disassemble or modify the mirror.

**■ To prevent the camera from malfunctioning**

- Observe the following precautions, otherwise the Digital Rear-view Mirror may not operate properly.
  - Do not strike or hit the camera or subject it to a strong impact, as the camera installation position and angle may be changed.
  - Do not remove, disassemble or modify the camera because the camera unit is designed to be waterproof.
  - Do not allow an organic solvent, car wax, window cleaner or glass coating to adhere to the camera. If this happens, wipe it off as soon as possible.
  - When applying colored film (including transparent film) to the rear window glass, do not apply it to the area in front of the camera. If film is applied to the area in front of the camera, the image from the camera may not display properly.
- Do not subject the camera to a strong impact as this could cause a malfunction.
  If this happens, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer as soon as possible.

## System components




A Camera indicator

Indicates that the camera is operating normally.

B Select/adjust button

Press to change the setting of the item you want to adjust.

C Lever

Operate to change between digital mirror mode and mirror mode.

D Menu button

Press to display the icon display area and select the item you want to adjust.

E Icon display area

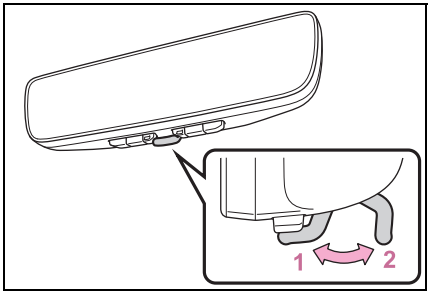
Displays icons, adjusting gauge, etc. (→P.176)

F Digital anti-glare mode indicator

In digital mirror mode, this indicates that the anti-glare function is on. (→P.176)

## Changing modes

Operate the lever to change between digital mirror mode and mirror mode.




**1** Digital mirror mode

Displays an image of the area behind the vehicle.

will illuminate in this mode.

**2** Mirror mode

Turns off the display of the Digital Rear-view Mirror allows it to be used as a mirror.

### Digital mirror mode operating condition

The power switch is turned to ON.

When the power switch is changed from ON to OFF or ACC, the image will disappear after several seconds.

### When using the Digital Rear-view Mirror in digital mirror mode

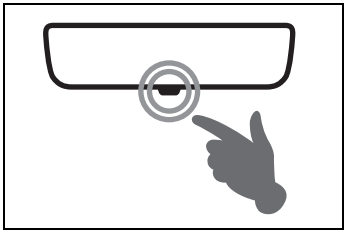
- If it is difficult to see the displayed image due to light reflected off the Digital Rear-view Mirror, the camera being dirty or covered with water droplets, dust, etc., or if lights of a vehicle behind your vehicle or the displayed image are bothering you, change to mirror mode.
- When it is raining, if the image is unclear due to water on the rear window, operate the rear wiper.
- When the back door is open, the Digital Rear-view Mirror image may not display properly. Before driving, make sure the back door is closed.
- If the display is difficult to see due to reflected light, close the sunshade for the moon roof (if equipped) or the electronic sunshade for the panoramic moon roof (if equipped).
- Any of the following conditions may occur when driving in the dark, such as at night. None of them indicates that a malfunction has occurred.
  - Colors of objects in the displayed image may differ from their actual color.
  - Depending on the height of the lights of the vehicle behind, the area around the vehicle may appear white and blurry.
  - Automatic image adjustment for brighter surrounding image may cause flickering.

If it is difficult to see the displayed image or flickering bothers you, change to mirror mode.

- The Digital Rear-view Mirror may become hot while it is in digital mirror mode. This is not a malfunction.
- Depending on your physical condition or age, it may take longer than usual to focus on the displayed image. In this case, change to mirror mode.
- Do not let passengers stare at the displayed image when the vehicle is being driven, as doing so may cause motion sickness.

### When the system malfunctions

If the symbol shown in the illustration is displayed when using the Digital Rear-view Mirror in digital mirror mode, the system may be malfunctioning. The symbol will disappear in a few seconds. Operate the lever, change to mirror mode and have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

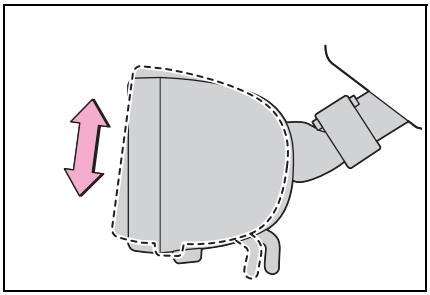


## Adjusting the mirror

### ■ Adjusting the mirror height

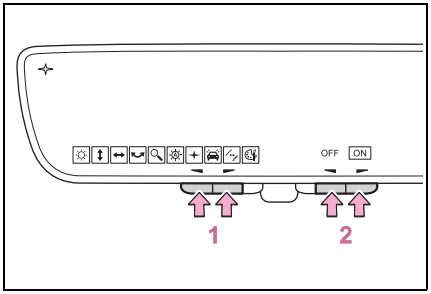
The height of the rear view mirror can be adjusted to suit your driving posture.

Change to mirror mode, adjusting the height of the rear view mirror by moving it up and down.



### ■ Display settings (digital mirror mode)

Settings of the display in the digital mirror mode, on/off operation of the automatic anti-glare function, etc. can be changed.




1 Operate the menu button and then select the item you want to adjust.

2 Operate the select/adjust button and then change the setting of the item you want to adjust.

The icons will disappear if a button is not operated for approximately 5 seconds or more.

| Icons | Settings |
|---|---|
| | Select to adjust the brightness of the display. |
| | Select to adjust the area displayed up/down. |
| | Select to adjust the area displayed to the left/right. |
| | Select to adjust the angle of the displayed image.<br>: The area moves one phase clockwise by 1 push<br>: The area moves one phase counter clockwise by 1 push |
| | Select to zoom in/out the displayed image. |

| Icons | Settings |
|---|---|
| | Select to enable/disable the automatic anti-glare function.*<br>Responding to the brightness of the headlights of vehicles behind, the reflected light is automatically adjusted.<br>The automatic anti-glare function is enabled each time the power switch is changed to ON. |
| | The digital anti-glare mode can be turned on and off.<br>When enabled, the brightness of the display is reduced at night to reduce headlight glare from vehicles to the rear. |
| | Set the display of the rear vehicle approach notification function to ON/OFF. |
| | Select to adjust the edges of the video. |
| | Select to adjust the color of the video. |

*: This is a function for the mirror mode, however, the setting can also be changed while using the digital mirror mode.

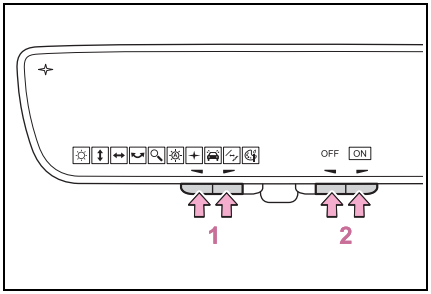
### ■ Enabling/disabling the automatic anti-glare function (mirror mode)

The automatic anti-glare function in the mirror mode can be enabled/disabled. The setting can be changed in both the digital mirror mode and the mirror mode.

▶ When using the digital mirror mode

→P.176

▶ When using the mirror mode




1 Operate the menu button and then select the item you want to adjust.

2 Operate the select/adjust button and then change the setting of the item you want to adjust.

The icons will disappear if a button is not operated for approximately 5 seconds or more.

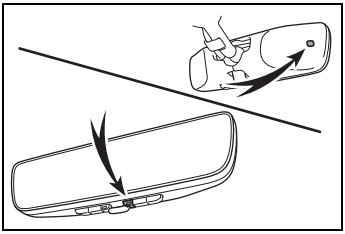
#### ■ Adjusting the display (digital mirror mode)

- The icons will disappear if a button is not operated for approximately 5 seconds or more.
- If the displayed image is adjusted, it may appear distorted. This is not a malfunction.
- If the brightness of the Digital Rear-view Mirror is set too high, it may cause eye strain. Adjust the Digital Rear-view Mirror to an appropriate brightness. If your eyes become tired, change to mirror mode.
- The brightness of the Digital Rear-view Mirror will change automatically according to the brightness of the area in front of your vehicle.
- The digital anti-glare mode operates

only in locations where the surroundings are dark. Depending on the surrounding illumination environment, the image may not darken and it may not be possible to reduce headlight glare from vehicles to the rear.

**To prevent the light sensors from malfunctioning**

To prevent the light sensors from malfunctioning, do not touch or cover them.



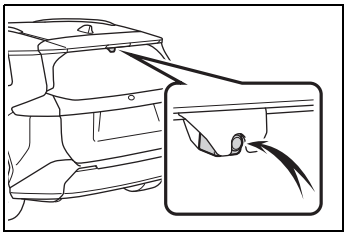
## Cleaning the Digital Rear-view Mirror

### Cleaning the mirror surface

If the mirror surface is dirty, the image on the display may be difficult to see.
Clean the mirror surface gently using a soft dry cloth.

**The camera**

The camera for the Digital Rear-view Mirror is located as shown.



## If you notice any symptoms

If you notice any of the following symptoms, refer to the following table for the likely cause and the solution. If the symptom is not resolved by the solution, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

| Symptom | Likely cause | Solution |
|---|---|---|
| The image is difficult to see. | The mirror surface is dirty. | Clean the mirror surface gently, using a soft dry cloth. |
| | Sunlight or headlights are shining directly into the Digital Rear-view Mirror. | Change to mirror mode. (If the light is coming through the moon roof [if equipped] or panoramic moon roof [if equipped], close the sunshade or electronic sunshade.) |
| | • The vehicle is in a dark area.<br>• The vehicle is near a TV tower, broadcasting station, electric power plant, or other location where strong radio waves or electrical noise may be present.<br>• The temperature around the camera is extremely high/low.<br>• The ambient temperature is extremely low.<br>• It is raining or humid.<br>• Sunlight or headlights are shining directly into the camera lens.<br>• The vehicle is under fluorescent lights, sodium lights, mercury lights, etc.<br>• Exhaust gas is obstructing the camera. | Change to mirror mode. (Change back to digital mirror mode when the conditions have improved.) |

| Symptom | Likely cause | Solution |
|---|---|---|
| The image is difficult to see. | Foreign matters such as water droplets or dust is on the camera lens. | Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. |
| | The luggage in the luggage compartment is reflected off the rear window glass and obstructing the camera. | • Change to mirror mode.<br>• Move the luggage to a position where it does not obstruct the camera or cover it with a black cloth to reduce the amount it is reflected off the rear window glass. |
| | The rear window glass is fogged up. | Change to mirror mode. After defogging the rear window using the rear window defogger (→P.453), use the digital mirror mode again. |
| | The outside of the rear window glass is dirty. | Use the rear window wiper to remove dirt. |
| | The inside of the rear window glass is dirty. | Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. |
| The image is out of alignment. | The back door is not fully closed. | Fully close the back door. |
| | The camera or its surrounding area has received a strong impact. | Change to mirror mode and have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. |

| Symptom | Likely cause | Solution |
|---|---|---|
| The display is dim and  is displayed. | The system may be malfunctioning. | Change to mirror mode and have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. |
| | There is a device emitting radio waves (such as a mobile phone) near the Digital Rear-view Mirror. | Keep devices that emit radio waves away from the Digital Rear-view Mirror.<br>Change to mirror mode and have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. |
|  goes off. | The system may be malfunctioning. | Change to mirror mode and have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. |
|  is displayed. | The Digital Rear-view Mirror is extremely hot.<br>(The display will gradually become more dim. If the temperature continues to increase, the Digital Rear-view Mirror will turn off.) | Reducing the cabin temperature is recommended to reduce the temperature of the mirror.<br>(  will disappear when the mirror becomes cool.)<br>If  does not disappear even though the mirror is cool, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. |

| Symptom | Likely cause | Solution |
|---|---|---|
| The lever cannot be operated properly. | The lever may be malfunctioning. | Change to mirror mode and have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.<br>(To change to mirror mode, press and hold the menu button for approximately 10 seconds.) |
| ⚠ is displayed. | The Digital Rear-view Mirror may be malfunctioning. | Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately. |

## 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.

### 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.453)

**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.

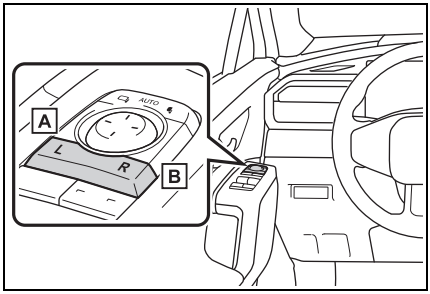
- Do not adjust the mirrors while driving.
- Do not drive with the mirrors folded.
- Both the driver and passenger side mirrors must be extended and properly adjusted before driving.

### When the mirror defoggers are operating

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

## Adjustment procedure

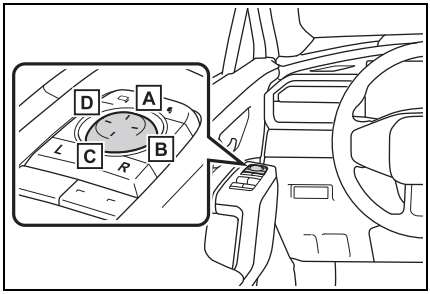
1 To select a mirror to adjust, press the switch.




A Left

B Right

2 To adjust the mirror, press the switch.




A Up

B Right

C Down

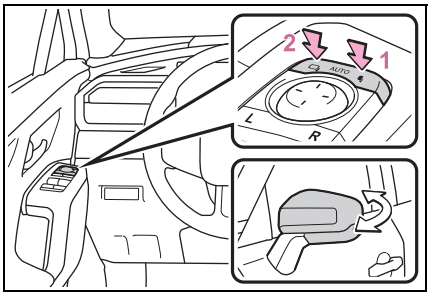
D Left

### Mirror angle can be adjusted when

The power switch is in ACC or ON.

3 Before driving

## Folding the mirrors




**1** Folds the mirrors

**2** Extends the mirrors

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.

### When disconnecting and reconnecting 12-volt battery terminals

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

**WARNING**

**When a mirror is moving**

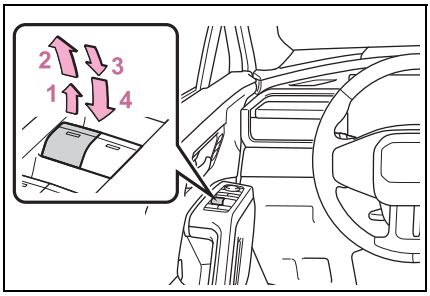
To avoid personal injury and mirror malfunction, be careful not to get your hand caught by the moving mirror.

# Power windows

## Opening and closing the power windows

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

Operating the switch moves the side windows as follows:




**1** Closing

**2** One-touch closing*

**3** Opening

**4** One-touch opening*

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

### ■ The power windows can be operated when

The power switch is in ON.

### ■ Operating the power windows after turning the hybrid system off

The power windows can be operated for approximately 45 seconds even after the power switch is turned to ACC or OFF. They cannot, however, be operated once either front door is opened.

### ■ Jam protection function

If an object becomes jammed between the side window and the window frame while the side window is closing, side window movement is stopped and the side window is opened slightly.

### ■ Catch protection function

If an object becomes caught between the door and side window while the side window is opening, side window movement is stopped.

### ■ When the power window cannot be opened or closed

When the jam protection function or catch protection function operates unusually and the side window cannot be opened and 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 side window is moving, start again from the beginning.
If the side window reverses and cannot be fully closed or opened, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

### Door lock linked power window operation

- The power windows can be opened and closed using the mechanical key.* (→P.590)
- The power windows can be opened and closed using the wireless remote control.* (→P.135)
- Vehicles with alarm: The alarm may be triggered if the alarm is set and the power window is closed using the door lock linked power window operation function. (→P.94)

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

### Power window open reminder function

The buzzer sounds and a message is shown on the instrument cluster when the power switch is turned to OFF and the driver's door is opened with the power windows open.

### Customization

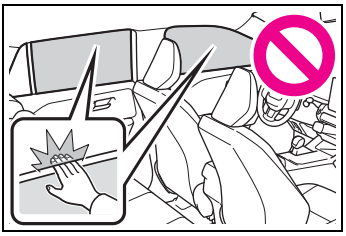
Settings (e.g. linked door lock operation) can be changed. (Customizable features: →P.615)

**WARNING**

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

### Closing the power 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.187)
- 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 power 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 side window. Also, do not let a child operate the power window by the wireless remote control or mechanical key. It is possible for children and other passengers to get caught in the power window.

**WARNING**

- When exiting the vehicle, turn the power switch to 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 side window is fully closed. Be careful not to get any part of your body jammed in the side 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 side window is fully opened. Be careful not to get any part of your body or clothing caught in the side window.

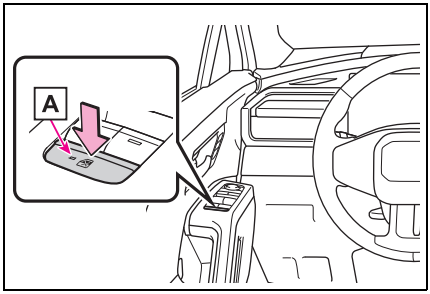
## Preventing accidental operation (window lock switch)

This function can be used to prevent children from accidentally opening or closing a passenger window.

Press the switch.

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

The passenger windows can still be opened and closed using the driver's switch even if the lock switch is on.




**■ The window lock switch 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.

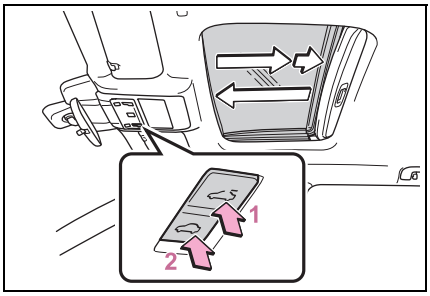
## Moon roof*

*: 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*

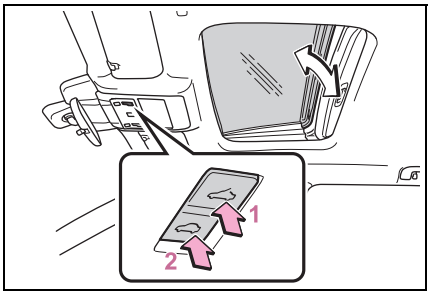
The moon roof stops slightly before the fully open position to reduce wind noise.

Press the switch again to fully open the moon roof.

**2** Closes the moon roof*

*: Lightly press either side of the moon roof switch to stop the moon roof partway.

### ■ Tilting up and down




**1** Tilts the moon roof up*

**2** Tilts the moon roof down*

*: Lightly press either side of the moon roof switch to stop the moon roof partway.

---

**■ The moon roof can be operated when**

The power switch is in ON.

**■ Operating the moon roof after turning the hybrid system off**

The moon roof can be operated for approximately 45 seconds after the power switch is turned to ACC or OFF. It cannot, however, be operated once either front door is opened.

**■ 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.590)
- The moon roof can be opened and closed using the wireless remote control.* (→P.130)
- The alarm may be triggered if the alarm is set and the moon roof is closed using the door lock linked moon roof operation function. (→P.94)

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

### Moon roof open reminder function

The buzzer sounds and a message is shown on the instrument cluster when the power switch is turned to OFF and the driver's door is opened with the moon roof open.

### Customization

Settings (e.g. linked door lock operation) can be changed. (Customizable features: →P.615)

**WARNING**

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

### Opening the moon roof

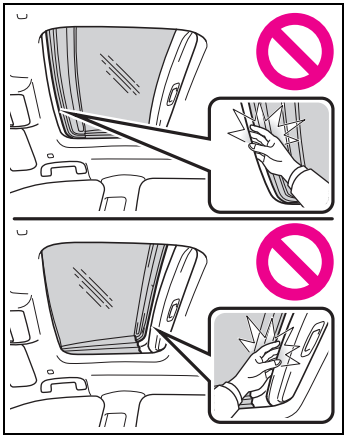
- Do not allow any passengers to put their hands or head outside the vehicle while it is moving.
- Do not sit on top of the moon roof.

### 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.

**WARNING**

- 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 to 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.

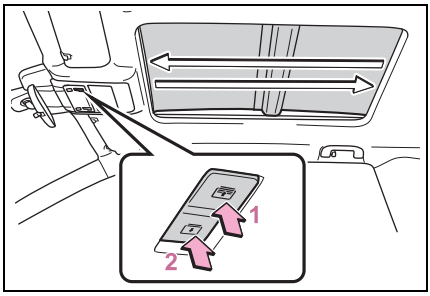
## Panoramic moon roof*

*: If equipped

**Use the overhead switches to operate the panoramic moon roof and electronic sunshade.**

### Operating the electronic sunshade and panoramic moon roof

**■ Opening and closing the electronic sunshade**




**1** Opens the electronic sunshade*

Press and hold the switch. The electronic sunshade will fully open automatically.

**2** Closes the electronic sunshade*

Press and hold the switch. The electronic sunshade will fully close automatically.

If the panoramic moon roof is not fully closed, it will close fully before the electronic sunshade closes.

*: Lightly press either end of the electronic sunshade switch to stop the electronic sunshade partway.

### ■ Tilting the panoramic moon roof up and down

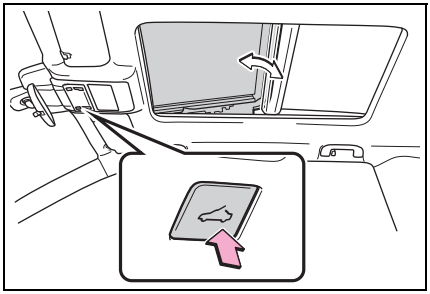
Press the switch to tilt the panoramic moon roof up.*

When the panoramic moon roof is tilted up, the electronic sunshade will open to the half-open position of the roof.

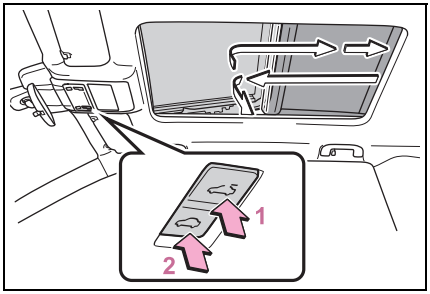
*: Lightly press the switch again to stop the panoramic moon roof partway.

Press and hold the switch to tilt the panoramic moon roof down.

The panoramic moon roof can be tilted down only when it is in the tilt-up position.



### ■ Opening and closing the panoramic moon roof




**1** Opens the panoramic moon roof*

Press and hold the switch. The panoramic moon roof and electronic sunshade will open automatically.

The panoramic moon roof can be opened from the tilt-up position.

*: Press the switch again to stop the panoramic moon roof partway.

**2** Closes the panoramic moon roof*

Press and hold the switch. The panoramic moon roof will fully close automatically.

*: Press the switch again to stop the panoramic moon roof partway.

---

### ■ The panoramic moon roof can be operated when

The power switch is in ON.

### ■ Operating the panoramic moon roof after turning the hybrid system off

The panoramic moon roof and electronic sunshade can be operated for approximately 45 seconds 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 is detected between the panoramic moon roof and the frame in the following situations, travel is stopped and the panoramic moon roof opens slightly.

- The panoramic moon roof is closing or tilting down.
- The electronic sunshade is closing.

### ■ Closing both the panoramic moon roof and electronic sunshade

Press the switch.

The electronic sunshade will close to the half-open position and pause. The panoramic moon roof will then fully close.

Then the electronic sunshade will fully close.

### ■ Door lock linked panoramic moon roof operation

- The panoramic moon roof can be opened and closed using the mechanical key.* (→P.590)
- The panoramic moon roof can be opened and closed using the wireless remote control.* (→P.130)
- Vehicles with alarm: The alarm may be triggered if the alarm is set and the panoramic moon roof is closed using the door lock linked panoramic moon roof operation function. (→P.94)

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

### ■ When the panoramic moon roof or electronic sunshade does not close normally

Perform the following procedure:

1. Stop the vehicle.
2. Turn the power switch to ON.
3. Press and hold the switch or switch.

Continue pressing and holding the switch for approximately 10 seconds after the panoramic moon roof or electronic sunshade closes and reopens. The panoramic moon roof and electronic sunshade will start to close.*

4. Check that the panoramic moon roof and electronic sunshade are fully closed and 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 panoramic moon roof or electronic sunshade does not fully close even after performing the above procedure correctly, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

### ■ Panoramic moon roof open reminder function

A buzzer sounds and a message is shown on the instrument cluster when the power switch is turned to OFF and the driver's door is opened with the panoramic moon roof open.

### ■ Customization

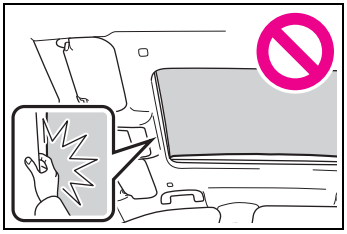
Settings (e.g. linked door lock operation) can be changed. (Customizable features: →P.615)

**WARNING**

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

### ■ Opening and closing the electronic sunshade

- 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 electronic sunshade is being operated.



- Do not let a child operate the electronic sunshade. Closing the electronic sunshade on someone can cause death or serious injury.

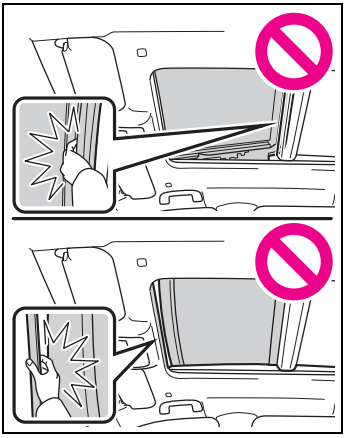
### ■ Opening the panoramic moon roof

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

**WARNING**

**■ Opening and closing the panoramic moon roof**

- The driver is responsible for panoramic moon roof opening and closing operations.
  In order to prevent accidental operation, especially by a child, do not let a child operate the panoramic moon roof. It is possible for children and other passengers to have body parts caught in the panoramic 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 panoramic moon roof is being operated.



- When using the wireless remote control or mechanical key and operating the panoramic moon roof, operate the panoramic moon roof after checking to make sure that there is no possibility of any passenger having any of their body parts caught in the panoramic moon roof. Also, do not let a child operate panoramic moon roof by the wireless remote control or mechanical key. It is possible for children and other passengers to get caught in the panoramic moon roof.
- When exiting the vehicle, turn the power switch to 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 panoramic moon roof or electronic sunshade is fully closed.

**■ To prevent burns or injuries**

Do not touch the area between the underside of the panoramic moon roof and the electronic sunshade. Your hand may get caught and you could injure yourself. Also, if the vehicle is left in direct sunlight for a long time, the underside of the panoramic moon roof could become very hot and could cause burns.

NOTICE

■ **To prevent damage to the panoramic moon roof**

- Before opening the panoramic moon roof, make sure that there are no foreign objects, such as stones or ice, around the opening.
- Do not hit the surface or edge of the panoramic moon roof with hard objects.

■ **After the vehicle has been washed or rained on**

Before opening the panoramic moon roof, wipe any water off the panoramic moon roof. Otherwise, water may enter the cabin when the panoramic moon roof is opened.

## Driving position memory*

*: If equipped

**This feature automatically adjusts the positions of the driver's seat and head-up display (if equipped) to make entering and exiting the vehicle easier or to suit your preferences.**

**Driving positions for the registered drivers (3 patterns) and guest (1 pattern) can be registered in My Settings.**

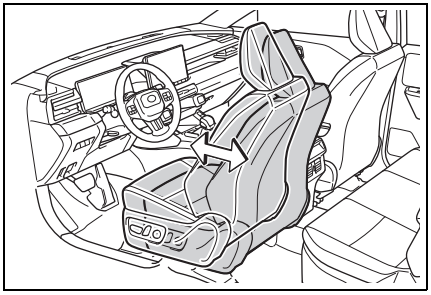
**When electronic key assignment is registered for My Settings, the driving position for each driver can be recalled (memory recall function).**

**For details about My Settings, refer to P.198.**

## Power easy access system

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

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



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

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

### Operation of the power easy access system

- When exiting the vehicle, the power easy access system may not operate if the seat is already in the rearmost position.
- If the seat position is adjusted during power easy access system operation, the automatic operation will stop. (The seat will change to manual operation.)
- If the seat position is adjusted during or after the power easy access system operation when the driver is exiting the vehicle, the power easy access system will not operate when entering the vehicle.

### Jam protection function

If a person or object interferes while the seat is moving automatically, the operation will stop.

### Customization

The seat movement amount settings of the power easy access system can be customized.
(Customizable features: →P.615)

## Recording/recalling a driving position into button

### ■ Recording procedure

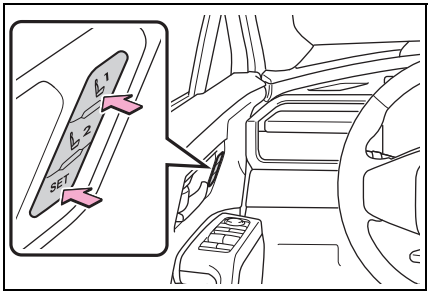
1 Check that the shift position is in P.

2 Turn the power switch to ON.

3 Adjust the driver's seat and head-up display (if equipped) to the desired positions.

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

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

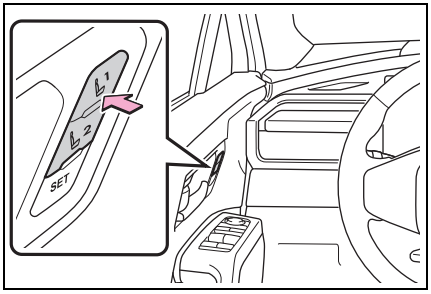



### ■ Recall procedure

1 Check that the shift position is in P.

2 Turn the power switch to ON.

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




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

Perform any of the following:

- Press the "SET" button.
- Press button "1" or "2".
- Operate any of the seat adjustment switches (only cancels seat position recall).
- Vehicles with the head-up display: Operate the meter control switches to adjust the head-up display position (only cancels head-up display position recall).

#### ■ Jam protection function

If a person or object interferes while the seat is moving automatically, the operation will stop.

#### ■ Seat positions that can be memorized (→P.165)

The positions adjusted by the following procedure can be recorded:

- Seat position adjustment
- Seatback angle adjustment
- Seat cushion (front) angle adjustment
- Vertical height adjustment

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

Recorded seat positions can be activated up to 180 seconds after the

driver's door is opened and another 60 seconds after it is closed again.

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

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

**■ When recalling the driving position**

Take care when recalling the driving position so that the head restraint does not touch the ceiling.

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

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

**⚠ WARNING**

**■ Seat adjustment caution**

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

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

The driving positions can be automatically recalled for each registered driver by registering electronic key assignments in My Settings when My Settings is turned on (an individual is identified with an electronic key).

- Registering procedure

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

- Recalled procedure

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

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

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

2. Turn the power switch to ACC or ON.

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

- Cancelation procedure

Refer to the "Multimedia owner's manual".

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

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

**■ Jam protection function**

If a person or object interferes while the seat is moving automatically, the operation will stop.

## My Settings

**Drivers are identified using devices such as electronic keys to store the driving position and vehicle settings for each. Then the information can be recalled the next time the vehicle is driven. Authentication devices can be assigned in advance to drivers so that they can drive using their preferred settings. Settings for 3 drivers can be stored in My Settings. For details on how to assign/delete etc. electronic keys, refer to the "Multimedia owner's manual".**

### Types of assigned authentication devices

An individual can be identified using the following authentication devices.

- Digital key (if equipped)

An individual is identified when the smart entry & start system detects their digital key. (→P.131)

- Electronic key

An individual is identified when the smart entry & start system detects their electronic key. (→P.160)

- Face authentication system (if equipped)

An individual is identified if their face is authenticated as a face that has been registered in the driver monitor.

- Bluetooth® devices

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

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

### Recalled functions

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

- Driving position (memory recall function)

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

- When an individual is identified from a digital key[*1]: Unlocking the doors using the smart entry & start system
- Identification using face authentication system: The power switch is turned to ON after the driver monitor camera (if equipped) authenticates the facial information.

Refer to P.196 for information on driving position registration and recall.

- Display settings[*2] (meter, head-up display, Multimedia Display)

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

- Vehicle settings[*2] (items that can be set on the multi-information display and Multimedia Display)

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

[*1]: If equipped

[*2]: Some settings are excluded

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## Driving the vehicle

**The following procedures should be observed to ensure safe driving:**

### Driving procedure

■ **Starting the hybrid system**

→P.222

■ **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.243)

If the parking brake is in automatic mode, the parking brake will be released automatically. (→P.245)

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, 235)

■ **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.243)

3 Shift the shift position to P. (→P.231, 235)

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

Except for vehicles with electronically controlled type shift lever: Do not press the shift release button after shifting the shift position to P.

4 Press the power switch to stop the hybrid system.

5 Slowly release the brake pedal.

6 Lock the door, making sure that you have the 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.243)

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

4 Release the parking brake. (→P.243)

■ **When starting off on a uphill**

The hill-start assist control will activate. (→P.435)

■ **For fuel-efficient driving**

Keep in mind that Hybrid Electric Vehicles are similar to conventional vehicles, and it is necessary to refrain from activities such as sudden acceleration. (→P.441)

■ **Driving in the rain**

● Drive carefully when it is raining,

because visibility will be reduced, the windows may become fogged-up, and the road could be slippery.

- Drive carefully when it starts to rain, as the road surface could 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.

### ■ ECO Accelerator Guidance (→P.113)

It is easier to drive in an Eco-friendly manner by driving while referring to the ECO Accelerator Guidance display. Also, by using the ECO Accelerator Guidance it is easier to increase the “Eco Score” evaluation.

- When starting off: While staying within the ECO Accelerator Guidance range, gradually depress the accelerator pedal and accelerate to the desired speed. If excessive acceleration is avoided, the “Start” score will increase.
- When driving: After accelerating to the desired speed, release the accelerator pedal and drive at a stable speed within the ECO Accelerator Guidance range. By keeping the vehicle within the ECO Accelerator Guidance range, the “Cruise” score will increase.
- When stopping: When stopping the vehicle, early releasing the accelerator pedal will cause the “Stop” score to increase.

### ■ Restraining the hybrid system output (Brake Override System)

- When the accelerator and brake pedals are depressed at the same time, the hybrid system output may be restrained.
- A warning message is displayed on the multi-information display while the system is operating.

### ■ Breaking in your new Toyota

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

- For the first 300 km (200 miles):
  Avoid sudden stops.
- For the first 800 km (500 miles):
  Do not tow a trailer.
- For the first 1000 km (600 miles):
  - Do not drive at extremely high speeds.
  - Avoid sudden acceleration.
  - Do not drive continuously in low gears.
  - Do not drive at a constant speed for extended periods.

### ■ Operating your vehicle in a foreign country

Comply with the relevant vehicle registration laws and confirm the availability of the correct fuel. (→P.606)

**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.

**WARNING**

**■ When driving the vehicle**

- Do not drive if you are unfamiliar with the location of the brake and accelerator pedals to avoid depressing the wrong pedal.
  - Accidentally depressing the accelerator pedal instead of the brake pedal will result in sudden acceleration that may lead to an accident.
  - When backing up, you may twist your body around, leading to a difficulty in operating the pedals. Make sure to operate the pedals properly.
  - Make sure to keep a correct driving posture even when moving the vehicle only slightly. This allows you to depress the brake and accelerator pedals properly.
  - Depress the brake pedal using your right foot. Depressing the brake pedal using your left foot may delay response in an emergency, resulting in an accident.
- Vehicles without Acoustic Vehicle Alerting System: The driver should pay extra attention to pedestrians when the vehicle is powered only by the electric motor (traction motor). As there is no engine noise, the pedestrians may misjudge the vehicle's movement.
- Vehicles with Acoustic Vehicle Alerting System: The driver should pay extra attention to pedestrians when the vehicle is powered only by the electric motor (traction motor). As there is no engine noise, the pedestrians may misjudge the vehicle's movement. Even though the vehicle is equipped with the Acoustic Vehicle Alerting System, drive with care as pedestrians in the vicinity may still not notice the vehicle if the surrounding area is noisy.
- Do not drive the vehicle over or stop the vehicle near flammable materials such as leaves, paper or rags.
  The exhaust system and exhaust gases can be extremely hot. These hot parts may cause a fire if there is any flammable material nearby.
- During normal driving, do not turn off the hybrid system. Turning the hybrid system off while driving will not cause loss of steering or braking control.
  However, power assist for the steering wheel may be lost making it difficult to steer smoothly before stopping the vehicle depending on the remaining charge in the 12-volt battery or usage conditions. In this situation, you should pull over and stop the vehicle as soon as it is safe to do so. In the event of an emergency, such as if it becomes impossible to stop the vehicle in the normal way: →P.542
- Use engine 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, 233)
- Do not adjust the position of the steering wheel, the seat, or the inside or outside rear view mirrors while driving.
  Doing so may result in a loss of vehicle control.
- Always check that all passengers' arms, head or other parts of their body are not outside the vehicle.
- This is not a vehicle designed for off-road driving.
  Drive with due care if it becomes unavoidable to drive off-road.

**WARNING**

- Do not drive across a river or through other bodies of water.
This may cause electric/electronic components to short circuit, damage the hybrid system or cause other serious damage to the vehicle.

**■ When driving on slippery road surfaces**

- Sudden braking, acceleration and steering may cause tire slippage and reduce your ability to control the vehicle.
- Sudden acceleration, engine braking due to shifting, or changes in engine speed could cause the vehicle to skid.
- 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 lever (except for vehicles with electronically controlled type shift lever)**

- Do not let the vehicle roll backward while a forward driving position is selected, or roll forward while the shift lever is in R.
Doing so may result in an accident or damage to the vehicle.
- Do not shift the shift lever 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 lever 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 lever 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.
- Moving the shift lever to N while the vehicle is moving will disengage the hybrid system. Engine braking is not available with the hybrid system disengaged.
- Be careful not to shift the shift lever with the accelerator pedal depressed.
Shifting the shift lever to a gear 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.

**■ When shifting the shift position (vehicles with electronically controlled type shift lever)**

- 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.

**WARNING**

- 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 hybrid system. Regenerative braking is not available with the hybrid system disengaged.
- Be careful not to change the shift position with the accelerator pedal depressed. Changing the shift position to any positions other than P or N may lead to unexpected rapid acceleration of the vehicle that may cause an accident and result in death or serious injury.
  After changing the shift position, make sure to confirm the current shift position displayed on the shift position indicator inside the meter.

### If you hear a squealing or scraping noise (brake pad wear indicators)

Have the brake pads checked and replaced by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer as soon as possible.
Rotor damage may result if the pads are not replaced when needed.
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 vehicle is in any gear other than P or N, the vehicle may accelerate suddenly and unexpectedly, causing an accident.
- In order to prevent accidents due to the vehicle rolling away, always keep depressing the brake pedal while stopped with the “READY” indicator is illuminated, and apply the parking brake as necessary.
- If the vehicle is stopped on an incline, in order to prevent accidents caused by the vehicle rolling forward or backward, always depress the brake pedal and securely apply the parking brake as needed.
- Avoid revving or racing the engine. Running the engine at high speed while the vehicle is stopped may cause the exhaust system to overheat, which could result in a fire if combustible material is nearby.

### When the vehicle is parked

- Do not leave glasses, cigarette lighters, spray cans, or soft drink cans in the vehicle when it is in the sun.
  Doing so may result in the following:
  - Gas may leak from a cigarette lighter or spray can, and may lead to a fire.
  - The temperature inside the vehicle may cause the plastic lenses and plastic material of glasses to deform or crack.
  - Soft drink cans may fracture, causing the contents to spray over the interior of the vehicle, and may also cause a short circuit in the vehicle’s electrical components.
- 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.

**WARNING**

- Do not attach adhesive discs to the windshield or windows. Do not place containers such as air fresheners on the instrument panel or dashboard. Adhesive discs or containers may act as lenses, causing a fire in the vehicle.
- Do not leave a door or window open if the curved glass is coated with a metallized film such as a silver-colored one. Reflected sunlight may cause the glass to act as a lens, causing a fire.
- Always apply the parking brake, shift the shift position to P, stop the hybrid system and lock the vehicle. Do not leave the vehicle unattended while the “READY” indicator is illuminated.
  If the vehicle is parked with the shift position in P but the parking brake is not set, the vehicle may start to move, possibly leading to an accident.
- Do not touch the exhaust pipes while the “READY” indicator is illuminated or immediately after turning the hybrid system off.
  Doing so may cause burns.

**■ When taking a nap in the vehicle**

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

**■ When braking**

- When the brakes are wet, drive more cautiously.
  Braking distance increases when the brakes are wet, and this may cause one side of the vehicle to brake differently than the other side. Also, the parking brake may not securely hold the vehicle.
- If the electronically controlled brake system does not operate, do not follow other vehicles closely and avoid hills or sharp turns that require braking.
  In this case, braking is still possible, but the brake pedal should be depressed more firmly than usual. Also, the braking distance will increase. Have your brakes fixed immediately.
- The brake system consists of 2 or more individual hydraulic systems; if one of the systems fails, the other will still operate. In this case, the brake pedal should be depressed more firmly than usual and the braking distance will increase. Have your brakes fixed immediately.

**■ If the vehicle becomes stuck (AWD models)**

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

NOTICE

**■ When driving the vehicle**

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

NOTICE

- 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.568, 579)

**■ When encountering flooded roads**

Do not drive on roads which have become flooded due to heavy rain, etc.

Doing so may cause serious damage to the vehicle such as the following:

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

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

- Brake function
- Changes in quantity and quality of oil and fluid used for the engine, hybrid transaxle (front and rear [AWD models]), etc.
- Lubricant condition for the bearings and suspension joints (where possible), and the function of all joints, bearings, etc.

**■ When parking the vehicle**

Always set the parking brake, and shift the shift position to P. Failure to do so may cause the vehicle to move or the vehicle may accelerate suddenly if the accelerator pedal is accidentally depressed.

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

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

- When the shift lever is shifted to R*.
- When the shift lever 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.436), sudden start restraint control also does not operate. If your vehicle have trouble escaping from the mud or fresh snow due to sudden start restraint control operation, deactivate TRC (→P.436) so that the vehicle may become able to escape from the mud or fresh snow.

Also, sudden start restraint control will not operate in the following condition:

- When in Auto LSD mode (2WD models)
- When Trail Mode is turned on (AWD vehicles)

## 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 anything 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. Otherwise, they are much more likely to suffer death or serious bodily injury, in the event of sudden braking, sudden swerving or an accident.

**WARNING**

- Do not place cargo or luggage in or on the following locations.
  - At the feet of the driver
  - On the front passenger or rear seats (when stacking items)
  - On the luggage cover
  - On the instrument panel
  - On the dashboard
- 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 loading cargo on the roof luggage carrier (if equipped)**

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.604)
- Before driving, make sure the cargo is securely fastened on the roof luggage carrier.
- Loading cargo on the roof luggage carrier will make the center of gravity of the vehicle higher. Avoid high speeds, sudden starts, sharp turns, sudden braking or abrupt maneuvers, otherwise it may result in loss of control or vehicle rollover due to failure to operate this vehicle correctly and result in death or serious injury.
- If driving for a long distance, on rough roads, or at high speeds, stop the vehicle now and then during the trip to make sure the cargo remains in its place.
- Do not exceed 80 kg (176.4 lb.) cargo weight on the roof luggage carrier.

NOTICE

**■ When loading cargo on the roof luggage carrier (if equipped)**

Be careful not to scratch the surface of the moon roof (if equipped) or the panoramic moon roof (if equipped).

## Trailer towing (for Tajikistan and Turkmenistan)

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



## Trailer towing (except Tajikistan and Turkmenistan)

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

**To tow a trailer safely, use extreme care and drive the vehicle in accordance with the trailer's characteristics and operating conditions.**

**Toyota warranties do not apply to damage or malfunction caused by towing a trailer for commercial purposes.**

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

### Tire information

- Increase the tire inflation pressure to 20.0 kPa (0.2 kgf/cm$^2$ or bar, 3 psi) greater than the recommended value

when towing. (→P.611)

- Increase the air pressure of the trailer tires in accordance with the total trailer weight and according to the values recommended by the manufacturer of your trailer.

**■ Safety checks before towing**

- Check that the maximum load limit for the towing hitch/bracket and hitch ball is not exceeded. Bear in mind that the coupling weight of the trailer will add to the load exerted on the vehicle. Also make sure that the total load exerted on the vehicle is within the range of the weight limits. (→P.214)
- Ensure that the trailer load is secure.
- Supplementary outside rear view mirrors should be added to the vehicle if the traffic behind cannot be clearly seen with standard mirrors. Adjust the extending arms of these mirrors on both sides of the vehicle so that they always provide maximum visibility of the road behind.

**■ When towing a trailer**

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

- LTA (Lane Tracing Assist) (→P.297)
- LDA (Lane Departure Alert) (→P.305)
- Dynamic radar cruise control (→P.322)
- Cruise control (→P.338)
- PKSB (Parking Support Brake)* (→P.384)
- BSM (Blind Spot Monitor) (→P.349)
- Parking Assist-Sensor (→P.366)
- RCTA (Rear Crossing Traffic Alert) function* (→P.375)
- RCD (Rear Camera Detection) function* (→P.381)

*: If equipped

**WARNING**

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

**■ Trailer towing precautions**

When towing, make sure that none of the weight limits are exceeded. (→P.214)

**■ To avoid accident or injury**

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

**■ Vehicle speed in towing**

Observe the legal maximum speeds for trailer towing.

**■ Before descending hills or long declines**

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

**■ Operation of the brake pedal**

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

## Weight limits

Check the allowable towing capacity, GVM (Gross Vehicle Mass), MPAC (Maximum Permissible Axle

Capacity), and permissible drawbar load before towing. (→P.604)

## Towing hitch/Bicycle holder bracket

Toyota recommends the use of the Genuine Toyota Towing devices or Bicycle holder brackets if available.

Other products of a suitable nature and comparable quality may also be used. For vehicles where the towing device ball or the bicycle holder attachment ball, when installed, partially obstructs the visibility of any of the rear lamps and/or license plate, the following shall be considered:

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

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

## Connecting trailer lights

Please consult any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer when installing trailer lights, as incorrect installation may cause damage to the vehicle's lights.

Please take care to comply with your state's laws when installing trailer lights.

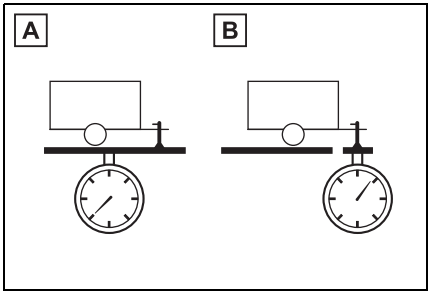
NOTICE

**■ Do not directly splice trailer lights**

Directly splicing trailer lights may damage your vehicle's electrical system and cause a malfunction.

## Important points regarding trailer loads

### ■ Total trailer weight and permissible drawbar load



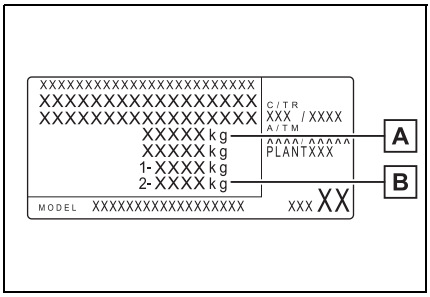

A Total trailer weight

Weight of the trailer itself plus the trailer load should be within the maximum towing capacity. Exceeding this weight is dangerous. (→P.604)
When towing a trailer, use a friction coupler or friction stabilizer (sway control device).

B Permissible drawbar load

Allocate the trailer load so that the drawbar load is greater than 25 kg (55.1 lb.) or 4% of the towing capacity. Do not let the drawbar load exceed the indicated weight. (→P.604)

## ■ Information tag (manufacturer's label)




### A Gross vehicle mass

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

### B Maximum permissible rear axle capacity

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

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

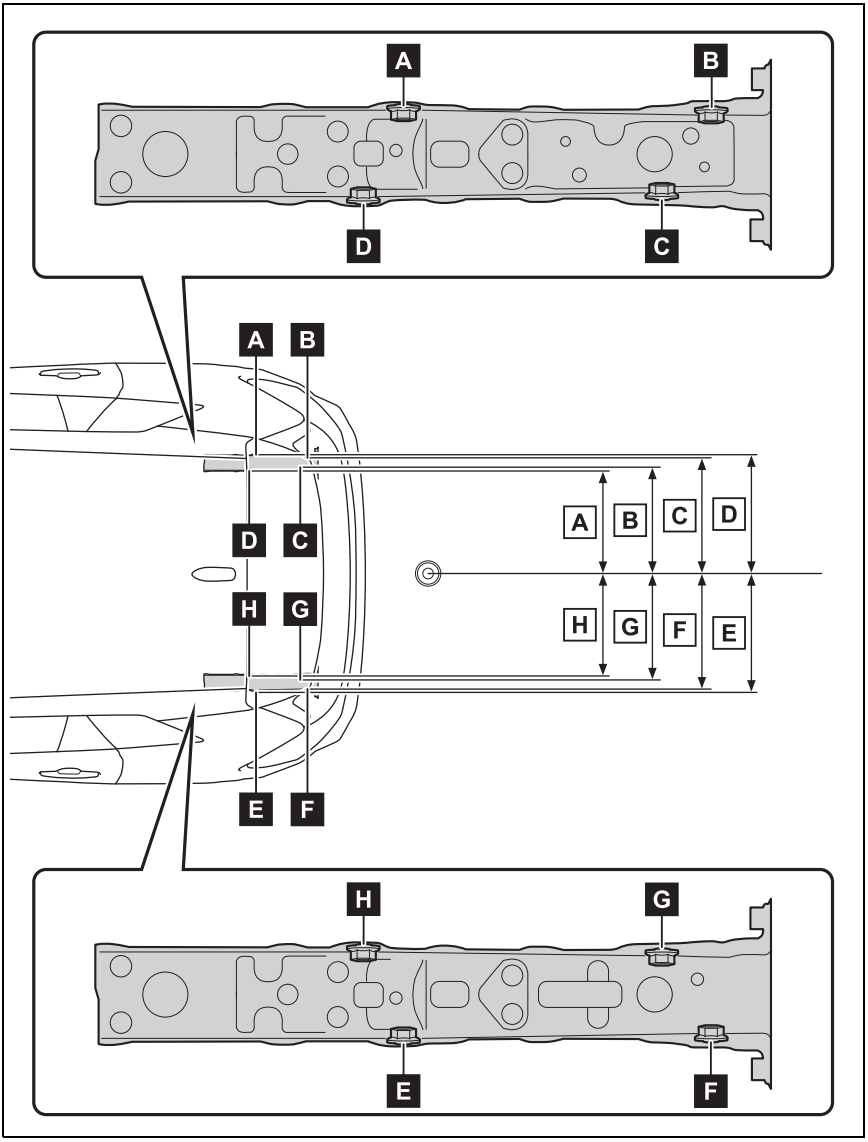
**WARNING**

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

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

- Add an additional 20.0 kPa (0.2 kgf/cm$^2$ or bar, 3 psi) to the recommended tire inflation pressure value. (→P.611)
- Do not exceed the established speed limit for towing a trailer in built-up areas or 100 km/h (62 mph), whichever is lower.

## Installation positions for the towing hitch/bracket and hitch ball




A 459.0 mm (18.07 in.)

B 462.6 mm (18.21 in.)

C 534.6 mm (21.05 in.)

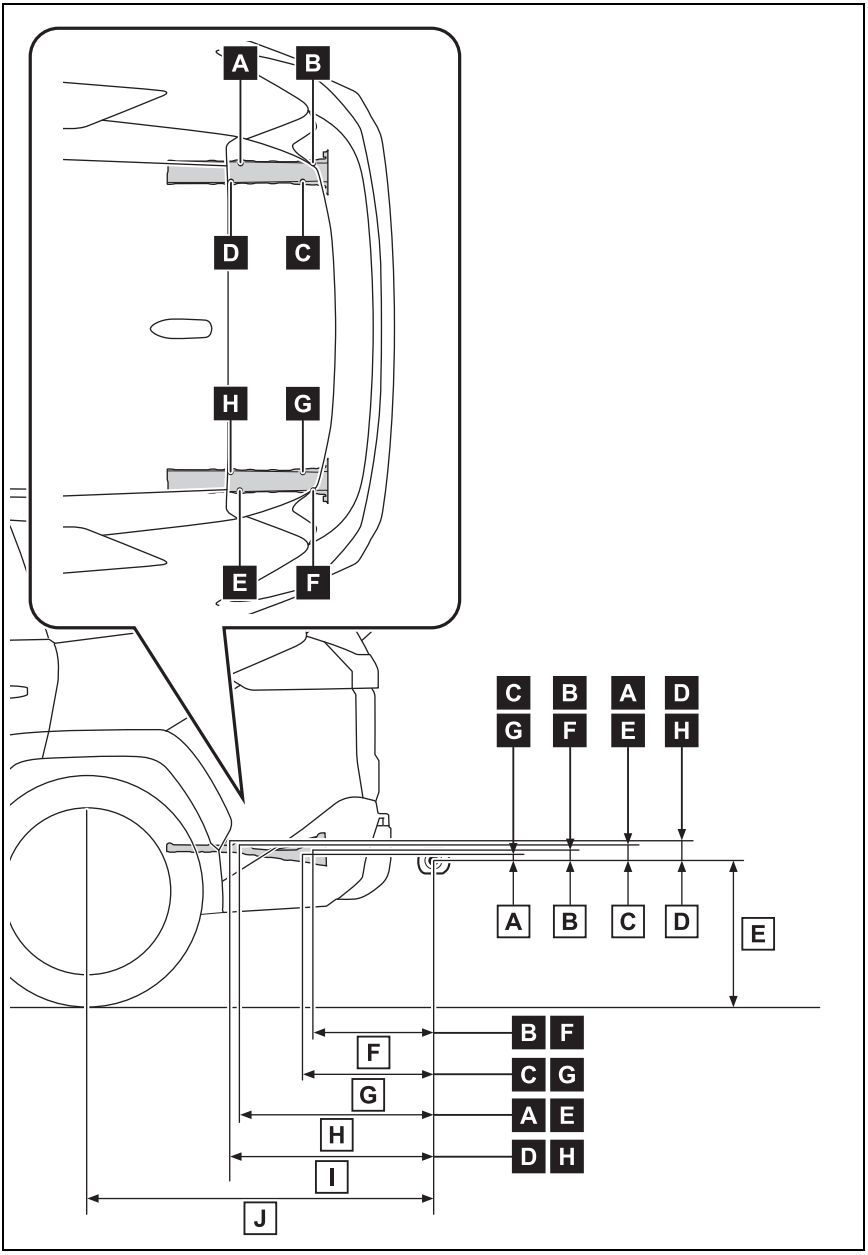
D 536.1 mm (21.11 in.)

E 536.1 mm (21.11 in.)

F 534.6 mm (21.05 in.)

G 462.6 mm (18.21 in.)

H 459.0 mm (18.07 in.)


A
B
D
C
H
G
E
F
C G
B F
A E
D H
A
B
C
D
E
B F
F
C G
G
A E
H
D H
I
J

| | Tall height models | Normal height models |
|---|---|---|
| A | 22.7 mm (0.89 in.) | 23.1 mm (0.91 in.) |
| B | 34.1 mm (1.34 in.) | 34.5 mm (1.36 in.) |
| C | 44.8 mm (1.76 in.) | 45.5 mm (1.79 in.) |
| D | 44.9 mm (1.77 in.) | 50.6 mm (1.99 in.) |
| E | 491.9 mm (19.37 in.) | 474.8 mm (18.69 in.) |
| F | 332.2 mm (13.08 in.) | 332.2 mm (13.08 in.) |
| G | 370.1 mm (14.57 in.) | 370.1 mm (14.57 in.) |
| H | 566.1 mm (22.29 in.) | 570.8 mm (22.47 in.) |
| I | 597.1 mm (23.51 in.) | 601.8 mm (23.69 in.) |
| J | 1062.5 mm (41.83 in.) | 1064.9 mm (41.93 in.) |

NOTICE

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

Ensure the steel bracket part does not come directly in contact with that area.

When steel and aluminum come into contact, there is a reaction similar to corrosion, which will weaken the section concerned and may result in damage. Apply a rust inhibitor to parts that will come in contact when attaching a steel bracket.

## Guidance

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

### Checking connections between trailer and lights

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

### Practicing driving with a coupled trailer

- Get the feel for turning, stopping and reversing with the trailer coupled by practicing in an area with no or light traffic.
- When reversing with a coupled trailer, hold the section of the steering wheel nearest to you and rotate clockwise to turn the trailer left or counterclockwise to turn it right. Always rotate a little at a time to prevent steering error. Have someone guide you

when reversing to lessen the risk of an accident.

### ■ Increasing vehicle-to-vehicle distance

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

### ■ Sudden acceleration/steering input/cornering

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

### ■ Important points regarding turning

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

### ■ Important points regarding stability

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

### ■ Passing other vehicles

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

### ■ Transmission information

To maintain engine braking efficiency, when using engine braking, do not use the transmission in D. (→P.230)

### ■ If the hybrid system overheats

Towing a loaded trailer up a long, steep incline in temperatures exceeding 30°C (85°F) may result in the hybrid system overheating. If the engine coolant temperature gauge indicates that the hybrid system is overheating, turn the air conditioning off immediately, leave the road and stop the vehicle in a safe place. (→P.596)

### ■ When parking the vehicle

Always place wheel chocks under the wheels of both the vehicle and trailer. Firmly set the parking brake and shift the shift lever to P.

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**■ Break-in schedule**

Toyota recommends that vehicles fitted

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

### Maintenance

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

### If trailer sway occurs

One or more factors (crosswinds, passing vehicles, rough roads, etc.) can adversely affect handling of your vehicle and trailer, causing instability.

- If trailer swaying occurs:
  - Firmly grip the steering wheel. Steer straight ahead.
    Do not try to control trailer swaying by turning the steering wheel.
  - Begin releasing the accelerator pedal immediately but very gradually to reduce speed.
    Do not increase speed. Do not apply vehicle brakes.

If you make no extreme correction with the steering or brakes, your vehicle and trailer should stabilize (if enabled, Trailer Sway Control can also help to stabilize the vehicle and trailer.).

- After the trailer swaying has stopped:
  - Stop in a safe place. Get all occupants out of the vehicle.
  - Check the tires of the vehicle and the trailer.
  - Check the load in the trailer.

Make sure the load has not shifted.

Make sure the tongue weight is appropriate, if possible.

- Check the load in the vehicle.

Make sure the vehicle is not overloaded after occupants get in.

If you cannot find any problems, the speed at which trailer swaying occurred is beyond the limit of your particular vehicle-trailer combination. Drive at a lower speed to prevent instability. Remember that swaying of the towing vehicle-trailer increases as speed increases.

## Power (ignition) switch

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

### Starting the hybrid system

1 Pull the parking brake switch to check that the parking brake is set. (→P.243)

The parking brake indicator will come on.

2 Except for vehicles with electronically controlled type shift lever: Check that the shift position is set in P.

3 Firmly depress the brake pedal.

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

Vehicles with electronically controlled type shift lever: When the shift position is N, the hybrid system cannot start. Shift the shift position to P when starting the hybrid system. (→P.235)

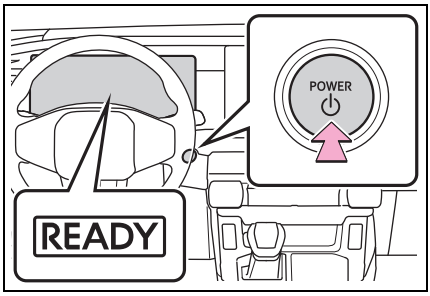
4 Press the power switch shortly and firmly.

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 hybrid system will operate normally.

Continue depressing the brake pedal until the “READY” indicator is illuminated.

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




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 driver’s door or front passenger’s door is opened, the power switch illumination illuminates.
- When depressing the brake pedal with carrying the electronic key on your person, the power switch illumination blinks.
- When the power switch is in ACC or ON, the power switch illumination illuminates.
- When the power switch mode is changed from ACC or ON to OFF, the power switch illumination illuminates for a certain amount of time.

**■ If the hybrid system does not start**

- The immobilizer system may not have been deactivated. (→P.92)
  Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- If a message related to start-up is shown on the multi-information display, read the message and follow the instructions.
- If the door is unlocked with the mechanical key, the hybrid system cannot be started using the smart

entry & start system. Refer to P.590 to start the hybrid system. However, if the electronic key is carried inside the vehicle and the doors are locked (→P.142), the hybrid system can be started.

■ **When the ambient temperature is low, such as during winter driving conditions**

- When starting the hybrid system, the flashing time of the “READY” indicator may be long. Leave the vehicle as it is until the “READY” indicator is steady on, as steady means the vehicle is able to move.
- When the hybrid battery (traction battery) is extremely cold (below approximately -30°C [-22°F]) under the influence of the outside temperature, it may not be possible to start the hybrid system. In this case, try to start the hybrid system again after the temperature of the hybrid battery increases due to the outside temperature increase etc.

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

→P.84

■ **If the 12-volt battery is discharged**

The hybrid system cannot be started using the smart entry & start system. Refer to P.591 to restart the hybrid system.

■ **Electronic key battery depletion**

→P.128

■ **Conditions affecting operation**

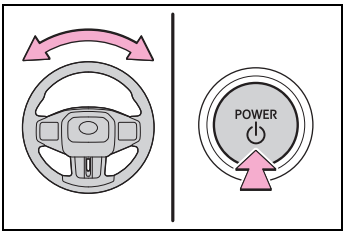
→P.162

■ **Note for the entry function**

→P.163

■ **Steering lock function (if equipped)**

- When the power switch is turned off, the steering wheel will be locked due to the steering lock function. Operating the power switch again automatically cancels the steering lock.
- When the steering lock cannot be released, “Push POWER Switch while Turning the Steering Wheel in Either Direction” will be displayed on the multi-information display.
  Check that the shift lever is set 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, the motor may be suspended if the hybrid system is turned on and off repeatedly in a short period of time. In this case, refrain from operating the power switch. After about 10 seconds, the steering lock motor will resume functioning.

■ **When “Smart Entry & Start System Malfunction” is displayed on the multi-information display**

The system may be malfunctioning. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

■ **If the “READY” indicator does not come on**

In the event that the “READY” indicator does not come on even after performing the proper procedures for starting the vehicle, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

■ **If the hybrid system is malfunctioning**

→P.91

■ **Electronic key battery**

→P.530

■ **Operation of the power switch**

- If the switch is not pressed shortly and

firmly, the power switch mode may not change or the hybrid system may not start.

- If attempting to restart the hybrid system immediately after turning the power switch to OFF, the hybrid system may not start in some cases. After turning the power switch to OFF, please wait a few seconds before restarting the hybrid system.

**■ Customization**

If the smart entry & start system has been deactivated in a customized setting, refer to P.590.

**⚠ WARNING**

**■ When starting the hybrid system**

Always start the hybrid system while sitting in the driver's seat. Do not depress the accelerator pedal while starting the hybrid system under any circumstances.
Doing so may cause an accident resulting in death or serious injury.

**■ Caution while driving (vehicles with steering lock function)**

If hybrid system failure occurs while the vehicle is moving, do not lock or open the doors until the vehicle reaches a safe and complete stop. Activation of the steering lock in this circumstance may lead to an accident, resulting in death or serious injury.

**NOTICE**

**■ When starting the hybrid system**

If the hybrid system becomes difficult to start, have your vehicle checked by any authorized Toyota retailer or Toyota 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 Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

## Stopping the hybrid system

▶ Except for vehicles with electronically controlled type shift lever

1 Stop the vehicle completely.

2 If the parking brake is in manual mode, set the parking brake. (→P.243)

Check the parking brake indicator is illuminated.

3 Shift the shift position to P.

Do not press the shift release button after shifting the shift lever to P.

4 Press the power switch shortly and firmly.

The hybrid system will stop, and the meter display will be extinguished.

Release the shift lever when pressing the power switch.

5 Release the brake pedal and check that "ACCESSORY" or "POWER ON" is not shown on the multi-information display.

▶ Vehicles with electronically controlled type shift lever

1 Stop the vehicle completely.

2 If the parking brake is in manual mode, set the parking brake. (→P.243)

3 Press the P position switch. (→P.235)

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

4 Press the power switch shortly and firmly.

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

5 Release the brake pedal and check that “ACCESSORY” or “POWER ON” is not shown on the multi-information display.

**■ When the shift control system malfunctions (Vehicles with electronically controlled type shift lever)**

If the shift control system is malfunctioning, when attempting to turn the power switch off, it may not be able to be turned off. In this situation, it may be possible to turn the power switch off by applying the parking brake and then operating the power switch.

If there is a malfunction in the system, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

**WARNING**

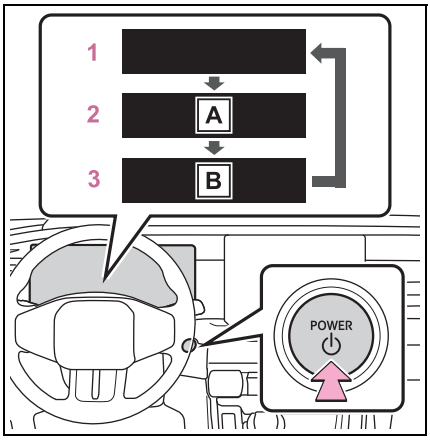
**■ Stopping the hybrid system in an emergency**

- If you want to stop the hybrid system in an emergency while driving the vehicle, press and hold the power switch for more than 2 seconds, or press it briefly 3 times or more in succession. (→P.542) However, do not touch the power switch while driving except in an emergency. Turning the hybrid system off while driving will not cause a loss of steering or braking control. However, power assist for the steering wheel may be lost making it difficult to steer smoothly before stopping the vehicle depending on the remaining charge in the 12-volt battery or usage conditions. In this situation, you should pull over and stop the vehicle as soon as it is safe to do so.
- If the power switch is operated while the vehicle is running, a warning message will be shown on the multi-information display and a buzzer sounds.
- Except for vehicles with electronically controlled type shift lever: When restarting the hybrid system after an emergency shutdown, shift the shift lever to N and press the power switch shortly and firmly.
- Vehicles with electronically controlled type shift lever: When restarting the hybrid system after an emergency shutdown, press the power switch shortly and firmly.

## Changing power switch modes

Modes can be changed by pressing the power switch with the brake pedal released. (The mode

changes each time the switch is pressed.)




A "ACCESSORY"

B "POWER ON"

**1** OFF*1

The emergency flashers can be used.

**2** ACC*2

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

"ACCESSORY" will be displayed on the multi-information display.

**3** ON

All electrical components can be used.

"POWER ON" will be displayed on the multi-information display.

*1: Except for vehicles with electronically controlled type shift lever: If the shift lever is in a position other than P or the shift release button is pressed when turning off the hybrid system, the power switch will remain ON, will not turn to OFF.

*2: ACC mode can be enabled/disabled on the customize menu. (→P.615)

### When ACC customization is in on

- With the power switch turned off, the multimedia system can still be used for a certain time until the battery saving function starts operating.
- When the safe exit assist is operating, a buzzer will sound and a voice guidance will be given.

### Auto power off function

▶ Except for vehicles with electronically controlled type shift lever

- If the vehicle is left in ACC or ON (the hybrid system is not operating) for more than 20 minutes with the shift lever is in P or the shift release button is not pressed, the power switch will automatically turn to OFF.
- If the 12-volt battery is low with the shift lever is in P or the shift release button is not pressed, and the power switch is in ACC or ON (the hybrid system is not operating), a buzzer sounds and a message will be displayed on the multi-information display. If this continues, the power switch is automatically turn to OFF.

However, this function cannot entirely prevent the 12-volt battery discharge. Do not leave the vehicle with the power switch in ACC or ON for long periods of time when the hybrid system is not operating.

▶ Vehicles with electronically controlled type shift lever

- If the vehicle is left in ACC or ON (the hybrid system is not operating) for more than 20 minutes with the shift position in P, the power switch will automatically turn to OFF.
- If the 12-volt battery is low with the shift position is in P and the power switch is in ACC or ON (the hybrid system is not operating), a buzzer sounds and a message will be displayed on the multi-information display. If this continues, the power switch is automatically turn to OFF.

However, this function cannot entirely

prevent the 12-volt battery discharge. Do not leave the vehicle with the power switch in ACC or ON for long periods of time when the hybrid system is not operating.

NOTICE

**■To prevent 12-volt battery discharge**

- Do not leave the power switch in ACC or ON for long periods of time without the hybrid system on.
- If “ACCESSORY” or “POWER ON” is displayed on the multi-information display, the power switch is not in OFF. Exit the vehicle after turning the power switch to OFF.

## When stopping the hybrid system with the shift lever in a position other than P (Except for vehicles with electronically controlled type shift lever)

If the hybrid system is stopped when the shift lever in a position other than P or the shift release button is pressed, the power switch will not be turned to OFF. Perform the following procedure to turn the switch to OFF:

1. Check that the parking brake is set.
2. Shift the shift lever to P.

Do not press the shift release button after shifting the shift lever to P.

3. Check that “POWER ON” is displayed on the multi-information display and press the power switch shortly and firmly.
4. Check that “POWER ON” on the multi-information display is off.

NOTICE

**■To prevent 12-volt battery discharge**

Do not stop the hybrid system with the shift lever in a position other than P or the shift release button pressed. If the hybrid system is stopped with the shift lever in a position other than P or the shift release button pressed, the power switch will not be turned to OFF but instead remain ON. If the vehicle is left in ON, 12-volt battery discharge may occur.

## EV drive mode

**In EV drive mode, electric power is supplied by the hybrid battery (traction battery), and only the electric motor (traction motor) is used to drive the vehicle.**

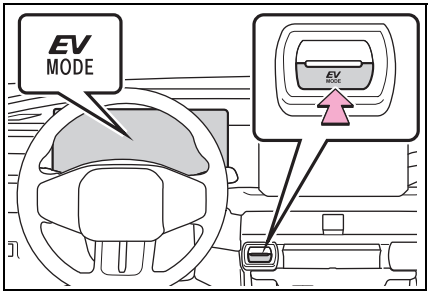
**This mode allows you to drive in residential areas early in the morning and late at night, or in indoor parking lots etc. without concern for noises and gas emissions.**

**However, when the Acoustic Vehicle Alerting System (if equipped) is active, the vehicle may produce sound.**

### Operating instructions

Turns EV drive mode on/off

When EV drive mode is turned on, the EV drive mode indicator will come on. Pressing the switch when in EV drive mode will return the vehicle to normal driving (using the gasoline engine and electric motor [traction motor]).




**■ Situations in which EV drive mode cannot be turned on**

It may not be possible to turn EV drive mode on in the following situations. If it cannot be turned on, a buzzer will sound and a message will be shown on the multi-information display.

- The temperature of the hybrid system is high.
  The vehicle has been left in the sun, driven on a hill, driven at high speeds, etc.
- The temperature of the hybrid system is low.
  The vehicle has been left in temperatures lower than about 0°C (32°F) for a long period of time etc.
- The gasoline engine is warming up.
- The hybrid battery (traction battery) is low.
  The remaining battery level indicated in the Energy monitor display is low. (→P.116)
- Vehicle speed is high.
- The accelerator pedal is depressed firmly or the vehicle is on a hill etc.
- The windshield defogger is in use.

Use the EV drive mode when it becomes available.

**■ Switching to EV drive mode when the gasoline engine is cold**

If the hybrid system is started while the gasoline engine is cold, the gasoline engine will start automatically after a short period of time in order to warm up.

In this case, you will become unable to switch to EV drive mode. After the hybrid system has started and the “READY” indicator has illuminated, press the EV drive mode switch before the gasoline engine starts to switch to EV drive mode.

**■ Automatic cancelation of EV drive mode**

When driving in EV drive mode, the gasoline engine may automatically restart in

the following situations. When EV drive mode is canceled, a buzzer will sound, the EV drive mode indicator will flash and go off and a message will be shown on the multi-information display.

- The hybrid battery (traction battery) becomes low.
  The remaining battery level indicated in the Energy monitor display is low. (→P.116)
- Vehicle speed is high.
- The accelerator pedal is depressed firmly or the vehicle is on a hill etc.

Drive the vehicle for a while before attempting to turn on the EV drive mode again.

### ■ Possible driving distance when driving in EV drive mode

EV drive mode's possible driving distance ranges from a few hundred meters to approximately 1 km (0.6 mile). However, depending on vehicle conditions, there are situations when EV drive mode cannot be used.
(The distance that is possible depends on the hybrid battery [traction battery] level and driving conditions.)

### ■ Fuel economy

The hybrid system is designed to achieve the best possible fuel economy during normal driving (using the gasoline engine and electric motor [traction motor]). Driving in EV drive mode more than necessary may lower fuel economy.

**WARNING**

### ■ Caution while driving

Vehicles without Acoustic Vehicle Alerting System: When driving in EV drive mode, pay special attention to the area around the vehicle. Because there is no engine noise, pedestrians, people riding bicycles or other people and vehicles in the area may not be aware of the vehicle starting off or approaching them, so take extra care while driving.

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

## Hybrid transmission (except for vehicles with electronically controlled type shift lever)

**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 hybrid system |
| R | Reversing |
| N | Neutral |
| D | Normal driving*1 |
| S | S mode driving*2 |

*1: To improve fuel efficiency and reduce noise, shift the shift lever to D for normal driving.

*2: By selecting shift ranges using S mode, you can control accelerating force and engine braking force.

**■ When driving with dynamic radar cruise control or cruise control activated**

Even when performing the following actions with the intent of enabling engine braking, engine braking will not change because dynamic radar cruise control or cruise control will not be canceled.

- While driving in D or S mode, downshifting to 5 or 4. (→P.232)
- When switching the driving mode to sport mode while driving in D position. (→P.426)

**■ Restraining sudden start (Drive-Start Control)**

→P.209

**WARNING**

**■ When driving on slippery road surfaces**

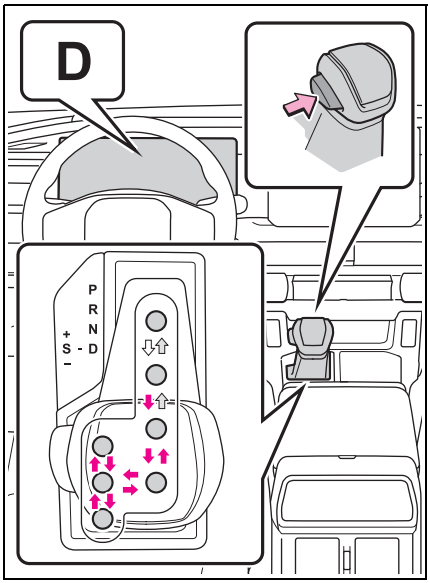
Be careful of downshifting and sudden acceleration, as this could result in the vehicle skidding to the side or spinning.

**NOTICE**

**■ Hybrid battery (traction battery) charge**

If the shift lever is in N, the hybrid battery (traction battery) will not be charging, even when the engine is running. Therefore, if the vehicle is left with the shift lever in N for a certain amount of time, the hybrid battery (traction battery) will discharge, and this may result in the vehicle not being able to start.

## Shifting the shift lever




While the power switch is in ON and the brake pedal depressed*, shift the shift lever while pushing the shift release button on the shift knob.

Shift the shift lever while pushing the shift release button on the shift knob.

Shift the shift lever normally.

When shifting the shift lever between P and D, make sure that the vehicle is completely stopped and the brake pedal is depressed.

*: For the vehicle to be able to be shifted from P, the brake pedal must be depressed before the shift release button is pushed. If the shift release button is pushed first, the shift lock will not be released.

### Shift lock system

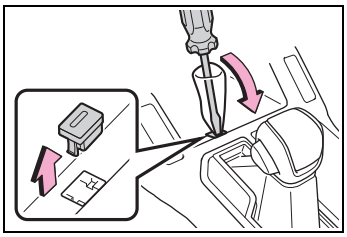
The shift lock system is a system to prevent accidental operation of the shift lever in starting.
The shift lever can be shifted from P only when the power switch is in ON, the brake pedal is depressed and the shift release button is pushed.

### If the shift lever cannot be shifted from P

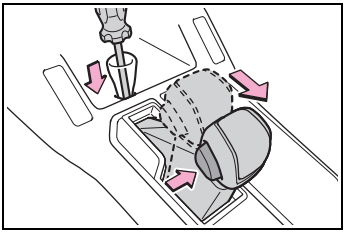
First, check whether the brake pedal is being depressed.
If the shift lever cannot be shifted even though the brake pedal is depressed and the shift release button is pushed, there may be a problem with the shift lock system. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.
The following steps may be used as an emergency measure to ensure that the shift lever can be shifted.

Releasing the shift lock:

1. Pull the parking brake switch to check that the parking brake is set. (→P.243)
2. Turn the power switch to OFF.
3. Depress the brake pedal.
4. Pry the cover up with a flathead screwdriver or equivalent tool.
   To prevent damage to the cover, cover the tip of the screwdriver with a rag.



5 Press and hold the shift lock override button and then push the button on the shift knob.
The shift lever can be shifted while both buttons are pressed.



**WARNING**

**■ To prevent an accident when releasing the shift lock**

Before pressing the shift lock override button, make sure to set the parking brake and depress the brake pedal.

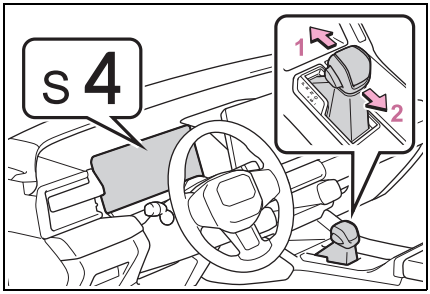
If the accelerator pedal is accidentally depressed instead of the brake pedal when the shift lock override button is pressed and the shift lever is shifted out of P, the vehicle may suddenly start, possibly leading to an accident resulting in death or serious injury.

## Selecting the driving mode

→P.426

## Changing shift ranges in S mode

When the shift lever is in the S position, the shift lever can be operated as follows:




1 Upshifting

2 Downshifting

The selected shift range, from S1 to S6, will be displayed on the multi-information display.

The initial shift range in S mode is automatically set to S4 or S5 according to vehicle speed, etc.

**■ S mode**

- You can choose from 6 levels of accelerating force and engine braking force.
- A lower shift range will provide greater accelerating force and engine braking force than a higher shift range, and the engine revolutions will also increase.
- To prevent the engine from over-revving, upshifting may automatically occur when the shift range is 4 or lower.
- When the shift range is 4 or lower, holding the shift lever toward “+” sets the shift range to 6.

**■ Downshifting restriction warning buzzer**

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

■ **If the "S" indicator does not come on or the "D" indicator is displayed even after shifting the shift lever to S**

This may indicate a malfunction in the transmission system. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately. (In this situation, the transmission will operate in the same manner as when the shift lever is in D.)

## Hybrid transmission (for vehicles with electronically controlled type shift lever)

**Select the shift position depending on your purpose and situation.**

### Shift position purpose and functions

▶ Vehicles without paddle shift switches

| Shift position | Objective or function |
|---|---|
| P | Parking the vehicle/starting the hybrid system |
| R | Reversing |
| N | Neutral (Condition in which the power is not transmitted) |
| D | Normal driving* |
| B | Applying engine braking or strong braking when the accelerator pedal has been released on steep downward slopes etc. |

*: To improve fuel efficiency and reduce noise, set the shift position in D for normal driving.

▶ Vehicles with paddle shift switches

| Shift position | Objective or function |
|---|---|
| P | Parking the vehicle/starting the hybrid system |
| R | Reversing |
| N | Neutral (Condition in which the power is not transmitted) |
| D | Normal driving*1 |
| S | S mode driving*2 (→P.240) |

*1: To improve fuel efficiency and reduce noise, set the shift position in D for normal driving. You can choose gear range suitable for your driving situation by operating the paddle shift switches.

*2: By selecting shift ranges using S mode, you can control accelerating force and engine braking force.

**■ When driving with dynamic radar cruise control or cruise control activated**

Even when performing the following actions with the intent of enabling engine braking, engine braking will not change because dynamic radar cruise control or cruise control will not be canceled.

● Vehicles with paddle shift switches:
While driving in D position or S mode, downshifting to 5 or 4. (→P.239, 240)

● When switching the driving mode to Sport mode while driving in D position. (→P.426)

**■ Restraining sudden start (Drive-Start Control)**

→P.209

**■ 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.593

**WARNING**

**■ When driving on slippery road surfaces**

Do not accelerate or shift the shift position suddenly.
Sudden changes in engine braking may cause the vehicle to spin or skid, resulting in an accident.

NOTICE

**■ Hybrid battery (traction battery) charge**

If the shift position is in N, the hybrid battery (traction battery) will not be charged. To help prevent the battery from discharging, avoid leaving the N position selected for a certain amount of time.

NOTICE

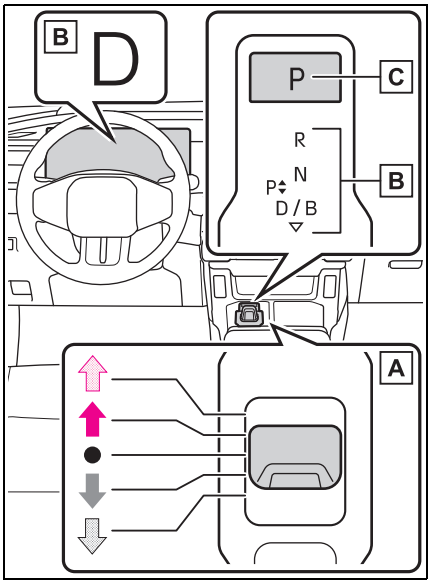
■ **Situations where shift control system malfunctions are possible**

If any of the following situations occurs, shift control system malfunctions are possible.
Immediately stop the vehicle in a safe place on level ground, apply the parking brake, and then contact your any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

- When the warning message indicating the shift control system appears on the multi-information display. (→P.562)
- The display indicates that no shift position is selected for more than a few seconds.

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

▶ Vehicles without paddle shift switches




Forward two positions

Forward one position

Home position

Backward one position

Backward two positions

A Shift lever

Operate the shift lever securely while checking the shift position indicator.

The shift lever can be moved forward and backward in two positions each.

Shifting to the R position:
Move the shift lever forward two posi-

tions while depressing the brake pedal.*1

Shifting to the D position:
Move the shift lever backward two positions while depressing the brake pedal.*2

Shifting to the N position:
While depressing the brake pedal, move the shift lever one position forward if the current shift position is P, D, or B, or one position backward if the current shift position is R.

Shifting to the B position:
Move the shift lever backward.
Shifting is possible only when the current shift position is D.

*1: The shift position can be changed by moving forward one position from N.

*2: The shift position can be changed by moving backward one position from P, N and B.

Release the shift lever after each shifting operation to allow it to return to its home position ( ● ).

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, take your foot off the accelerator pedal and 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.

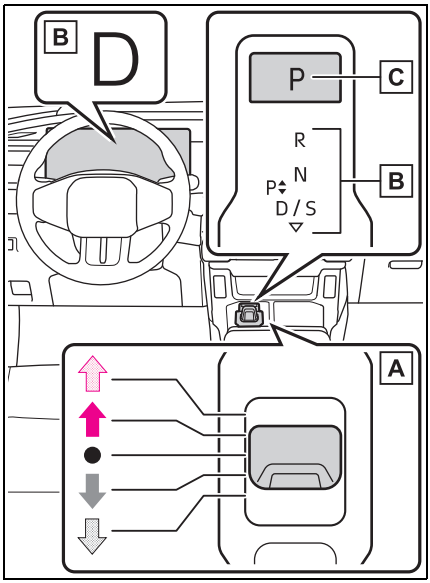
### C P position switch

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 shift position indicator illuminates.

Check that the shift position indicator shows P.

▶ Vehicles with paddle shift switches




Forward two positions

Forward one position

● Home position

Backward one position

Backward two positions

### A Shift lever

Operate the shift lever securely while

checking the shift position indicator.

The shift lever can be moved forward and backward in two positions each.

Shifting to the R position:
Move the shift lever forward two positions while depressing the brake pedal.*1

Shifting to the D position:
Move the shift lever backward two positions while depressing the brake pedal.*2

Shifting to the N position:
While depressing the brake pedal, move the shift lever one position forward if the current shift position is P, D, or S, or one position backward if the current shift position is R.

Shifting to the S position:
Move the shift lever backward.
Shifting is possible only when the current shift position is D.

*1: The shift position can be changed by moving forward one position from N.

*2: The shift position can be changed by moving backward one position from P, N and S.

Release the shift lever after each shifting operation to allow it to return to its home position ( ● ).

When shifting from P to N, D or R, from N, D, S or R to P, from D or S to R, or from R to D, take your foot off the accelerator pedal and 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 shift position indicator 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 S 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 the P position switch is pressed while driving

When driving at an extremely low speed, the shift position may change to P.

- Shift operation attempted when 12-volt battery voltage drops

### 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 from D or B to R with the brake pedal not depressed (vehicles without paddle shift switches)
- When attempting to change the shift position from D or S to R with the brake pedal not depressed (vehicles with paddle shift switches)
- When attempting to change the shift position from D or B to R with the accelerator pedal depressed (vehicles without paddle shift switches)
- When attempting to change the shift position from D or S to R with the accelerator pedal depressed (vehicles with paddle shift switches)
- 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 the P position switch pressed repeatedly or continually pressed while driving

### Automatic P position selection function

In the following situations, the shift position is automatically changed to P.

- When pressing the power switch with the vehicle stopped while the power switch is in ON and the shift position is in a position other than P (after the shift position has changed to P, the power switch will turn off)*
- If the driver's door is opened and all of the following conditions are met, while the shift position is in a position other than P
  - The power switch is in ON.
  - The driver is not wearing the seat belt.
  - The brake pedal is not depressed.

To start off the vehicle after the shift position is changed to P, operate the shift lever again.

- When the vehicle is stopped after the hybrid system has been stopped in an emergency while driving.
- When voltage of the 12-volt battery drops while the shift position is in a

position other than P.

*: When the power switch is pressed while driving at extremely slow speeds, such as immediately before stopping the vehicle, the shift position may automatically change to P. Make sure that the vehicle is completely stopped before pressing the power switch.

**■ If the shift position cannot be shifted from P**

There is a possibility that the 12-volt battery is discharged. Check the 12-volt battery in this situation. (→P.593)

**■ Customization**

Some functions can be customized. (→P.616)

**⚠ WARNING**

**■ For the shift lever**

- Do not remove the shift lever knob or use anything but a genuine Toyota shift lever knob. Also, do not hang anything on the shift lever. Doing so could prevent the shift lever from returning to position, causing unexpected accidents to occur when the vehicle is in motion.
- In order to prevent the shift position from accidentally being changed, do not touch the shift lever when not using them.
- Once you confirm that the shift indicator has changed after operation, release the shift lever.

The shift position may change unexpectedly, if you return the lever to the home position with your hands or hold on, causing unexpected accidents to occur when the vehicle is in motion.

**■ P position switch**

- Do not press the P position switch while the vehicle is moving.
  If the P position switch is pressed when driving at very low speeds (for example, directly before stopping the vehicle), the vehicle may stop suddenly when the shift position switches to P, which could lead to an accident.
- In order to prevent the shift position from accidentally being changed, do not touch the P position switch when not using them.

**NOTICE**

**■ Notes regarding shift lever and P position switch operation**

Avoid repeatedly operating the shift lever and P position switch in quick succession. The system protection function may activate and it will not be temporarily possible to shift the shift position other than P. If this happens, please wait for a while before attempting to change the shift position again.

**■ When 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.

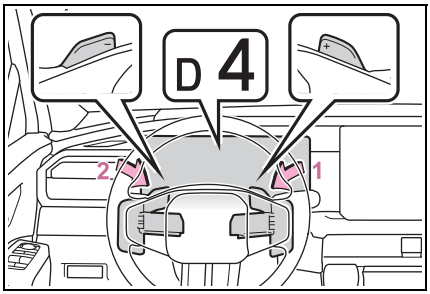
## Selecting the driving mode

→P.426

## Selecting shift ranges in the D position (vehicles with paddle shift switches)

To drive using temporary shift range selection, operate the "-" paddle shift switch. Changing the

shift range enables the level of engine braking force to be selected. The shift range can then be selected by operating the “-” and “+” paddle shift switches.




1 Upshifting

2 Downshifting

The selected shift range, from D1 to D5, will be displayed on the meter.

The initial shift range when the “-” paddle shift switch is operated is automatically set to D4 or D5 according to the vehicle speed, etc.

To return to normal D position driving, hold the “+” paddle shift switch for a period of time.

### ■ Shift ranges and their functions

- You can choose from 5 levels of engine braking force.
- A lower shift range will provide greater engine braking force than a higher shift range, and the engine revolutions will also increase.

### ■ When the “-” paddle shift switch is operated with the shift lever in the D position

The shift range is downshifted to a range that enables engine braking force that is suitable to driving conditions.

### ■ Automatic deactivation of shift range selection in the D position

Shift range selection in the D position will be deactivated in the following situations:

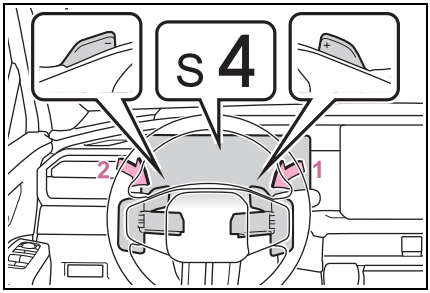
- When the vehicle comes to a stop
- If the accelerator pedal is depressed for more than a certain period of time
- When the shift position is shifted to a position other than D.

### ■ Downshifting restriction warning buzzer

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

## Selecting gears in the S position (vehicles with paddle shift switches)

To enter S mode, shift the shift position to S. Gears can be selected by operating the paddle shift switches, allowing you to drive in the gear of your choosing. The shift range can then be selected by operating the “-” and “+” paddle shift switches.



1 Upshifting

2 Downshifting

The selected shift range, from S1 to S6, will be displayed on the meter.

The initial shift range in S mode is automatically set to S4 or S5 according to vehicle speed, etc.

### Shift ranges and their functions

- You can choose from 6 levels of accelerating force and engine braking force.
- A lower shift range will provide greater accelerating force and engine braking force than a higher shift range, and the engine revolutions will also increase.

#### S mode

- To prevent the engine from over-revving, upshifting may automatically occur when the shift range is S2 or lower.
- When in S4 or lower, if the paddle shift switch is held toward "+" the shift range will be set to S6.

#### Downshifting restrictions warning buzzer

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

## Keeping the shift position in N without activating the automatic P position selection function

- By performing the following operation, the shift position can be held in N until the shift position switches to P without activating the automatic P position selection function.

1 Stop the vehicle.

2 Turn off the brake hold system. (→P.248)

3 Make sure that hybrid system is running. Then, press and hold the parking brake switch until a buzzer sounds and a message is shown on the multi-information display.

The automatic mode of the parking brake is turned off.

4 Shift the shift position to N.

5 Press and hold the parking brake switch until the parking brake indicator light flashes.

6 Press the power switch.

The hybrid system stops with the shift position in N*

Make sure to check that the buzzer sounds and "Holding N Push P switch when done" is displayed on the multi-information display.

- In order to shift to a position other than N, first press the P position switch to change the shift position to P.

- Use this function on a level place.

Block the wheels as needed.

*: 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.

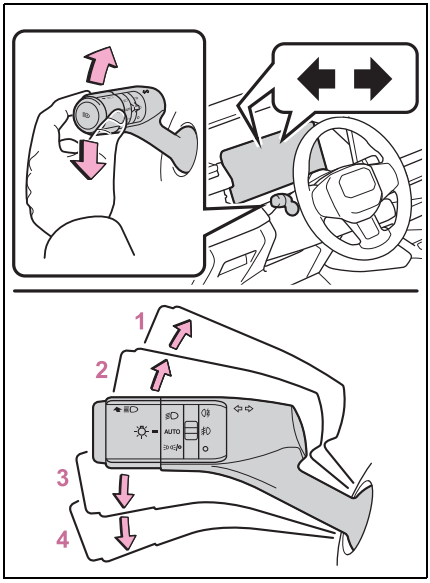
**WARNING**

**■When keeping the shift position in N without activating the automatic P position selection function**

Use this function on a level place.
On an incline, the vehicle may start to move, possibly leading to an accident and resulting in a serious injury. Block the wheels as needed.
Do not use this function except when using automatic car washes.

## Turn signal lever

### Operating instructions




**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.

■ **To discontinue flashing of the turn signals during a lane change**

Operate the lever in the opposite direction.

## Parking brake

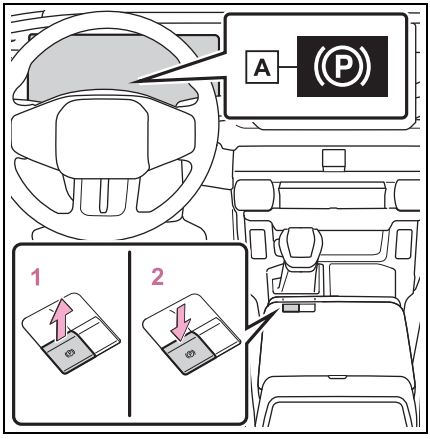
**The parking brake can be set or released automatically or manually.**
**In automatic mode, the parking brake can be set or released automatically. Also, even in automatic mode, the parking brake can be set or released manually.**

### Operating instructions

■ **Using the manual mode**

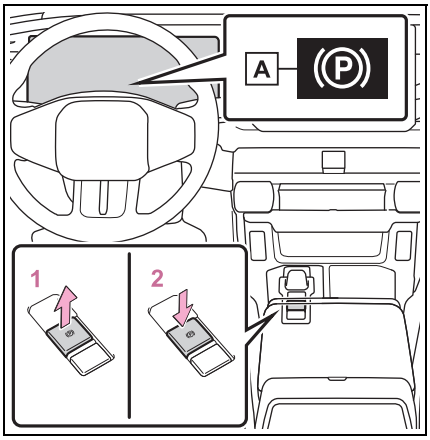
The parking brake can be set and released manually.

▶ Except for vehicles with electronically controlled type shift lever




A Parking brake indicator light

▶ For vehicles with electronically controlled type shift lever




A Parking brake indicator light

1 Pull the switch to set the parking brake.

The parking brake indicator light will turn on.

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

2 Press the switch to release the parking brake.

- Operate the parking brake switch while depressing the brake pedal.
- Using the parking brake automatic release function, the parking brake can be released by depressing the accelerator pedal. When using this function, slowly depress the accelerator pedal. (→P.245)

Make sure that the parking brake indicator light turn off.

If the parking brake indicator light flash, operate the switch again. (→P.558)

### ■ Turning the automatic mode on

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

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

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

Except for vehicles with electronically controlled type shift lever: Operate the shift lever with the vehicle stopped and the brake pedal depressed.

For vehicles with electronically controlled type shift lever: Operate the shift lever and P position switch with the vehicle stopped and the brake pedal depressed.

The auto function may not operate if the shift lever is moved extremely quickly or the brake pedal is not firmly depressed. In this situation, apply the parking brake manually. (→P.243)

### ■ Turning the automatic mode off

While the vehicle is stopped and

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

■ **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 all of the following conditions are met, 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 a forward driving position or reverse driving position
- The malfunction indicator lamp or brake system warning light (yellow) is not illuminated

When depressing the accelerator pedal, depress it slowly.

If the parking brake is not released when the accelerator pedal is depressed, release the parking brake manually.

When the shift position is shifted from P, the parking brake will be released automatically.

■ **Parking brake automatic lock function when hybrid system is off**

The parking brake will be set automatically under the following conditions:

- The hybrid system is off
- Automatic mode ON
- The brake system warning light (yellow) are not illuminated

■ **Parking brake automatic lock function when exiting the vehicle**

The parking brake will be set automatically under the following conditions:

- The brake pedal is not depressed
- The driver's door is open
- The driver's seat belt is not fastened
- The malfunction indicator lamp and brake system warning light (yellow) are not illuminated

■ **When the parking brake is not automatically set while the shift lever in N, such as when using an automatic car wash**

Parking brake automatic lock function when exiting the vehicle will be disabled by operating the following:

▶ Except for vehicles with electronically controlled type shift lever

1. Stop the vehicle.
2. Turn off the brake hold system. (→P.248)
3. Press and hold the parking brake switch until a buzzer sounds and a message is shown on the multi-information display.
4. Shift the shift lever to N.
5. Press and hold the parking brake switch until a buzzer sounds and a message is shown on the multi-information display.

The parking brake indicator light will flash.

When any of the following conditions is met, the automatic mode will return to on.

The parking brake indicator light will turn on or off.

- The shift lever is other than N
- The parking brake switch is pulled
- The hybrid system is turned off and restarted

▶ For vehicles with electronically controlled type shift lever

→P.241

### 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” 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 Toyota retailer or Toyota 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.203

### Parking brake engaged warning buzzer

A buzzer will sound if the vehicle is driven with the parking brake engaged. “Parking Brake ON” is displayed on the multi-information display (with the vehicle reaching a speed of 5 km/h [3 mph]).

### If the brake system warning light (yellow) comes on

→P.551

### Usage in winter time

→P.444

**WARNING**

**When parking the vehicle**

Do not leave a child in the vehicle alone. The parking brake may be released unintentionally by a child and there is the danger of the vehicle moving that may lead to an accident resulting in death or serious injury.

**Parking brake switch**

Do not set any objects near the parking brake switch. Objects may interfere with the switch and may lead the parking brake to unexpectedly operate.

**Parking brake automatic lock function**

Never use the automatic parking brake engagement function in place of normal parking brake operation. This function is designed to reduce the risk of a collision due to the driver forgetting to engage the parking brake. Over-reliance on this function to park the vehicle safely 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 vehicle 12-volt battery is discharged**

The parking brake system cannot be activated. (→P.591)

**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 Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately if this occurs.

## Brake Hold

▶ Except for vehicles with electronically controlled type shift lever

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

▶ For vehicles with electronically controlled type shift lever

**The brake hold system keeps the brake applied when the shift position is in D, B*1, S*2, N or P with the system on and the brake pedal has been depressed to stop the vehicle. The system releases the brake when the accelerator pedal is depressed with the shift position in D, B*1 or S*2 to allow smooth start off.**

*1: Vehicles without paddle shift switches

*2: Vehicles with paddle shift switches

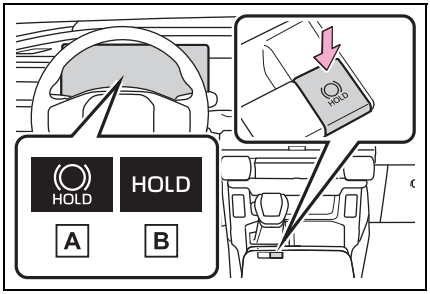
### Enabling the system

Turn the brake hold system on.

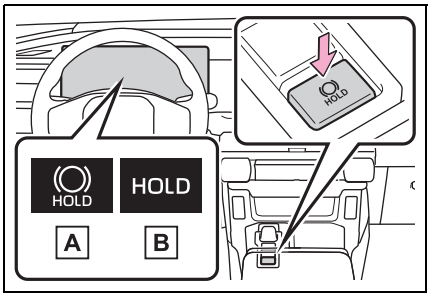
The brake hold standby indicator

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

▶ Except for vehicles with electronically controlled type shift lever




▶ For vehicles with electronically controlled type shift lever




### ■ 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.
- "Parking brake unavailable" or "Parking brake malfunction Visit your dealer" is displayed on the multi-information display.

If any of the conditions above are detected when the brake hold system is enabled, the system will turn off and the brake hold standby indicator light will go off. In addition, if any of the conditions are detected while the system is holding the brake, a warning buzzer will sound and a message will be shown on the multi-information display. The parking brake will then be set automatically.

### ■ Brake hold function

- If the brake pedal is left released for a period of about 3 minutes after the system has started holding the brake, the parking brake will be set automatically. In this case, a warning buzzer sounds and a message is shown on the multi-information display.
- To turn the system off while the system is holding the brake, firmly depress the brake pedal and press the button again.
- The brake hold function may not hold the vehicle when the vehicle is on a steep incline. In this situation, it may be necessary for the driver to apply the brakes. A warning buzzer will sound and the multi-information display will inform the driver of this situation. If a warning message is shown on the multi-information display, read the message and follow the instructions.
- When do not wish for the parking brake to operate automatically, press and hold the brake hold switch until the standby indicator (green) turns off, and then turn the power switch off.

### ■ When the parking brake is set automatically while the system is holding the brakes

Perform any of the following operations to release the parking brake.

- Depress the accelerator pedal. (The parking brake will not be released automatically if the seat belt is not fastened.)
- Operate the parking brake switch with the brake pedal depressed.

Make sure that the parking brake indicator light goes off. (→P.243)

### When an inspection at any authorized Toyota retailer or Toyota 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 Toyota retailer or Toyota authorized repairer, or any reliable repairer.

### If "Brake Hold malfunction Press brake to deactivate Visit your dealer" or "Brake Hold malfunction Visit your dealer" is displayed on the multi-information display

The system may be malfunctioning. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

### 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.

### When another control activates with the brake hold system (AWD vehicles)

A message is displayed on the multi-information display in any of the following cases.

- "Brake Hold unavailable See the owner's manual"
  - When the brake hold switch is pressed while the downhill assist control system is activated.
- "Brake Hold unavailable Press brake to deactivate"
  - When the DAC switch is operated while the brake hold system is activated.

The brake hold system and downhill assist control system cannot be activated at the same time.

Please press the brake hold switch with the brake pedal depressed to turn off the brake hold system.

### If the brake hold operated indicator flashes

→P.557

**WARNING**

### When the vehicle is on a steep incline

Take care when using the brake hold system on a steep incline, exercise caution. The brake hold function may not hold brakes in such situations.

Also, the system may not activate depending on the angle of the slope.

### When stopped on a slippery road

The system cannot stop the vehicle when the gripping ability of the tires has been exceeded. Do not use the system when stopped on a slippery road.

NOTICE

### When parking the vehicle

The brake hold system is not designed for use when parking the vehicle for a long period of time. Turning the power switch off while the system is holding the brake may release the brake, which would cause the vehicle to move. When operating the power switch, depress the brake pedal, shift the shift position to P and set the parking brake.

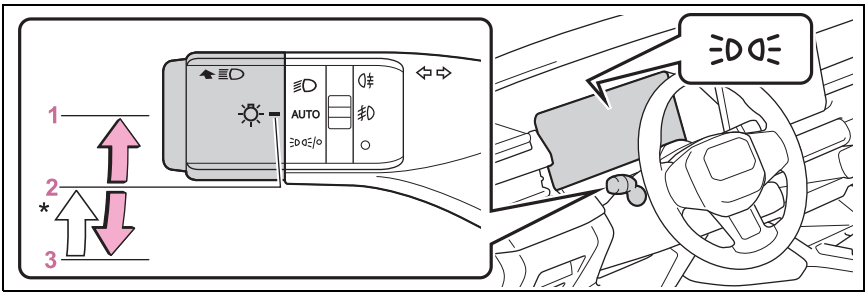
# Headlight switch

**The headlights can be operated manually or automatically.**

## Operating procedure

### ■ Turning on the headlights (Type A)

Operating the switch turns on the lights as follows:




*: When the switch is turned to the position 3 and released, the switch automatically returns to the position 2 AUTO.

| | Illumination condition | |
|---|---|---|
| Position | In bright environment | In dark environment |
| 1 | The headlights, front position, tail, license plate and instrument panel lights turn on | |
| 2 AUTO | The headlights, front position, tail, license plate and instrument panel lights turn off. The daytime running lights (→P.252) turn on*2 | The headlights, front position, tail, license plate and instrument panel lights turn on |
| 3 *1 | The daytime running lights, tail, license plate and instrument panel lights turn on | The front position, tail, license plate and instrument panel lights turn on*3 |

*1: To change the illumination condition to 3 , the switch must be held in the 3 position for approximately 1 second before releasing it. If the switch is not held in the position for approximately 1 second, the lights will continue to operate according to the 2 AUTO condition.

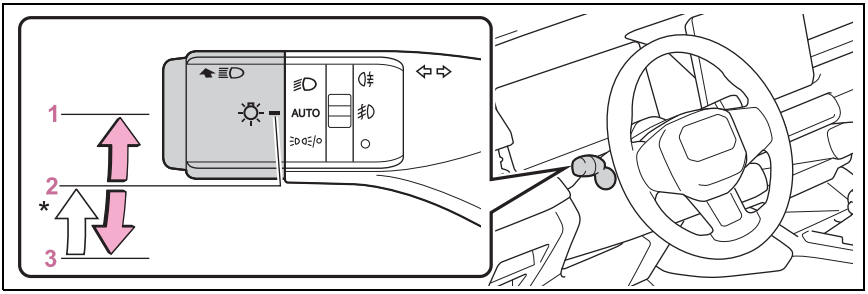
*2: The tail, license plate and instrument panel lights turn on and off automatically according to the brightness of the vehicle surroundings.

*3: The lights can only be turned on when the vehicle is stopped or being driven at low speeds. However, when the vehicle exceeds a certain speed or has been driven for a certain period of time, this mode is automatically canceled and the illumination condition returns to 2 AUTO.

### ■ Turning off the headlights (Type A)

When the switch is held in position 3 for 2 seconds or more, the headlight switch operates as follows.

When the switch is turned to the position 1 or 3 while the lights are off, the state in which the lights are off will be canceled.

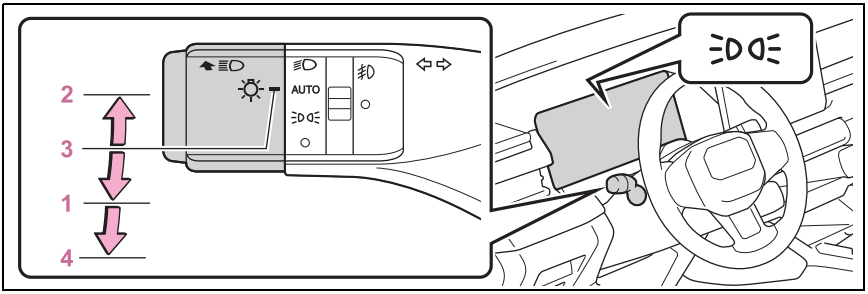



*: When the switch is turned to the position 3 and released, the switch automatically returns to the position 2 AUTO.

| | Illumination condition | |
|---|---|---|
| Position | In bright environment | In dark environment |
| 3 | The headlights, front position, tail, license plate and instrument panel lights turn off.<br>The daytime running lights (→P.252) turn on. | The headlights, front position, tail, license plate and instrument panel lights turn off* |

*: The lights can only be turned off when the shift position is P or the parking brake is applied. When the shift position is shifted out of P and the parking brake is released, the state in which the lights are off will be canceled.

## ■ Turning on the headlights (Type B)




**1** The front position, tail, license plate and instrument panel lights turn on.

**2** The headlights and all lights listed above turn on.

**3** AUTO The headlights, daytime running lights (→P.252) and all the lights listed above turn on and off automatically.

**4** The daytime running lights turn on. (→P.252)

### ■ AUTO mode can be used when

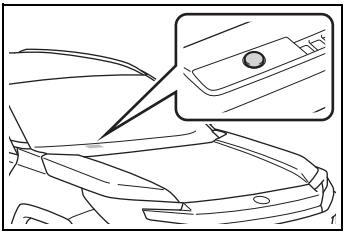
The power switch is in ON.

### ■ Daytime running light system

To make your vehicle more visible to other drivers during daytime driving, the daytime running lights turn on automatically whenever the hybrid system is started and the parking brake is released with the headlight switch in the or 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

▶ Type A

- When the light switch is in position: The headlights 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 position.

▶ Type B

The lights turn off if the power switch is turned to ACC or OFF and the driver's door is opened.

To turn the lights on again, turn the power switch to ON, or turn the light switch to O or AUTO position once and then back to or position.

### Light reminder buzzer

A buzzer sounds when the power switch is turned to OFF and the driver's door is opened while the lights are turned on.

### Automatic headlight leveling system

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

### 12-volt Battery-saving function

▶ Type A

In order to prevent the 12-volt battery of the vehicle from discharging, if the headlights and tail lights are on when the power switch is turned to OFF, the 12-volt battery saving function will operate and automatically turn off all the lights after approximately 10 minutes.

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 10 minutes after the 12-volt battery-saving function has been reactivated:

- When the headlight switch is operated
- When a door is opened or closed

▶ Type B

In order to prevent the 12-volt battery of the vehicle from discharging, if the light switch is in position when the power switch is turned to OFF, the 12-volt battery-saving function will operate and automatically turn off all the lights after approximately 10 minutes.

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 10 minutes after the 12-volt battery-saving function has been reactivated:

- When the headlight switch is operated
- When a door is opened or closed

### If "Headlight System Malfunction Visit Your Dealer" is displayed on the multi-information display

The system may be malfunctioning. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

### Customization

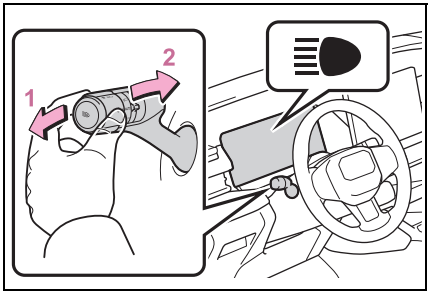
Settings (e.g. light sensor sensitivity) can be changed.
(Customizable features: →P.615)

NOTICE

### To prevent 12-volt battery discharge

Do not leave the lights on longer than necessary when the hybrid system is not running.

## Turning on the high beam headlights




**1** With the headlights on, push the lever away from you to turn on the high beams.

Releasing the lever will return it to its original position.

Pull the lever toward you and then release it 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.

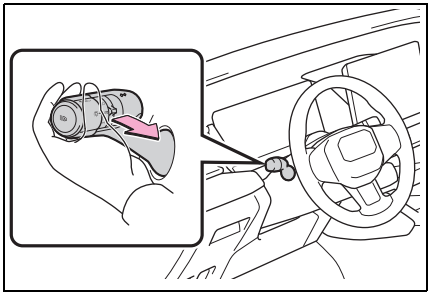
Pull the lever towards you twice to flash the headlights while the high beams are on.

## Extended Headlight Lighting system

This system allows the headlights to be turned on for 30 seconds when the power switch is turned to OFF.

Pull the lever toward you and release it with the light switch is in AUTO after turning the power switch to OFF.

Pull the lever toward you and release it again to turn off the lights.



## AHS (Adaptive High-beam System)*

*: If equipped

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

**WARNING**

**■ For safe use**

Do not overly rely on the Adaptive High-beam System. Always drive safely, taking care to observe your surroundings and turning the high beams on or off manually if necessary.

**■ To prevent unintentional operation of the Adaptive High-beam System**

When it is necessary to disable the system: →P.275

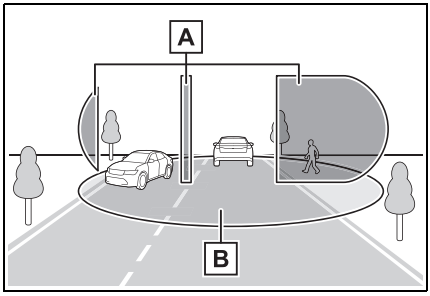
### System controls

- According to the vehicle speed, the brightness and illuminated area of the high beams are adjusted.
- When driving around a curve, the system uses the high beams to brightly illuminate the direction of travel of the vehicle. (Swivel for curves)*

*: The settings need to be changed on the multi-information display.

- The high beams are illuminated so that the area around a vehicle ahead is shaded. (Shaded high beam)

The shaded high beam helps ensure forward visibility while reducing the dazzling effect on the drivers of vehicles ahead.

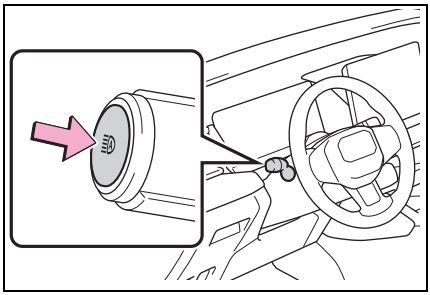



A Area illuminated by the high beams

B Area illuminated by the low beams

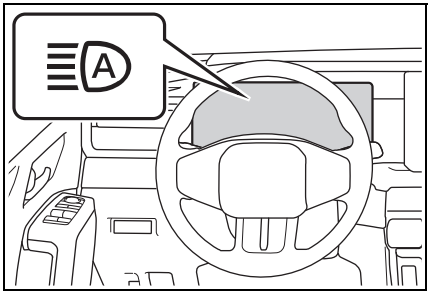
### Using the Adaptive High-beam System

1 Press the Adaptive High-beam System switch.



2 Turn the headlight switch to the AUTO or position.

When the lever is in the original position, the Adaptive High-beam System is activated and AHS indicator turns on.



## Indicators and system operating state

The operating state of the Adaptive High-beam System is indicated.

| Indicator | Situation |
|---|---|
| White | Adaptive High-beam System is on standby |
| Green | In control with low beam |
| Green | In control with high beam |
| Green | In control with shaded high beam |

### System operating conditions

- When all of the following conditions are met, the high beams will illuminate and the system will operate:
  - The vehicle speed is approximately 15 km/h (9 mph) or more.
  - The area ahead of the vehicle is dark.
- When all of the following conditions are met, the headlights will change to the shaded high beams according to the position of vehicles ahead:
  - The vehicle speed is approximately 15 km/h (9 mph) or more.
  - The area ahead of the vehicle is dark.
  - There is a vehicle ahead with lights on.
  - There are few streetlights or other lights on the road ahead.
- If any of the following conditions are met, the headlights will change to the low beams:
  - The vehicle speed is approximately 12 km/h (7.5 mph) or lower.
  - The area ahead of the vehicle is not dark.
  - There are many vehicles ahead.
  - There are many streetlights or other lights on the road ahead.
- When all of the following conditions are met, the swivel for curves with high beams is activated.
  - In control with high beam by AHS
  - The swivel for curves is on
  - When the vehicle speed is between approximately 30 and 100 km/h (19 and 62 mph)

### Front camera detection

- In the following situations, the high beams may not be automatically changed to the shaded high beams:
  - When a vehicle cuts in front of your vehicle
  - When another vehicle crosses in front of the vehicle
  - When vehicles ahead are repeatedly detected and then hidden due to repeated curves, road dividers or roadside trees
  - When a vehicle ahead approaches from a far lane
  - When a vehicle ahead is far away
  - When a vehicle ahead has no lights
  - When the lights of a vehicle ahead are dim
  - When a vehicle ahead is reflecting strong light, such as the headlights of your vehicle

- When a vehicle ahead is facing sideways or diagonally
- When there are multiple self-luminous light sources or reflective objects around a vehicle ahead
- Situations in which the sensors and the systems may not operate properly: →P.280

● The high beams may change to the shaded high beams if a vehicle ahead that is using fog lights without its headlights turned on is detected.

● House lights, street lights, traffic signals, and illuminated billboards or signs and other reflective objects may cause the high beams to change to the shaded high beams, cause the high beams not to change to the shaded high beams, or change the area that is not illuminated.

● The following may change the speed at which the shaded areas change or the timing at which the headlights change to the low beams:

- The brightness of lights of vehicles ahead
- The movement and direction of vehicles ahead
- The distance between the vehicle and a vehicle ahead
- The relative speed to the preceding vehicle and speed of the vehicle
- When a vehicle ahead only has lights illuminated on one side
- When a vehicle ahead is a two-wheeled vehicle
- The condition of the road (gradient, curve, condition of the road surface, etc.)
- The number of passengers and amount of luggage

● The light distribution control of the headlights may not match the driver's expectations

● Bicycles and other small vehicles may not be detected.

● In the following situations, the system may not be able to correctly detect the brightness of the surroundings. This may cause the low beams to remain on or the high beams to flash or dazzle pedestrians or vehicles ahead. In such a case, it is necessary to manually change between the high beams and low beams.

- When there are lights similar to headlights or tail lights in the surrounding area
- When headlights or tail lights of vehicles ahead are turned off, dirty, changing color, or not aimed properly
- When the headlights are repeatedly changing between the high beams and low beams.
- When use of the high beams is inappropriate or when the high beams may be flashing or dazzling pedestrians or other drivers.
- When the vehicle is used in an area in which vehicles travel on the opposite side of the road of the country for which the vehicle was designed, for example using a vehicle designed for right-hand traffic in a left-hand traffic area, or vice versa
- When it is necessary to disable the system: →P.275
- Situations in which the sensors and the systems may not operate properly: →P.280

**■ Customization**

The settings of some functions can be changed. (→P.615)

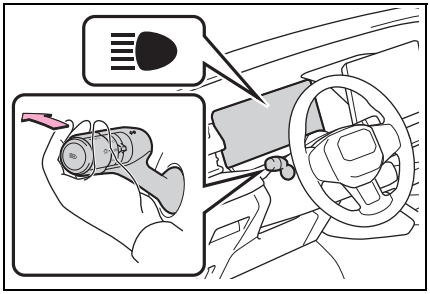
## Turning the high beams on/off manually

### ■ Changing to the high beams

Push the lever forward.

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

Pull the lever rearward and then return it to its original position to enable the Adaptive High-beam System again.

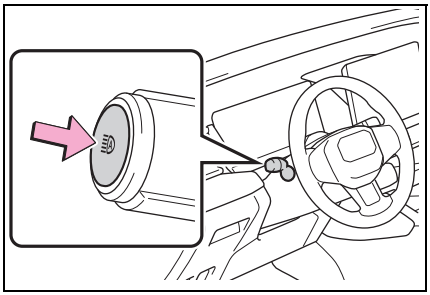


### ■ Changing to the low beams

Press the Adaptive High-beam System switch.

The AHS indicator will turn off.

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

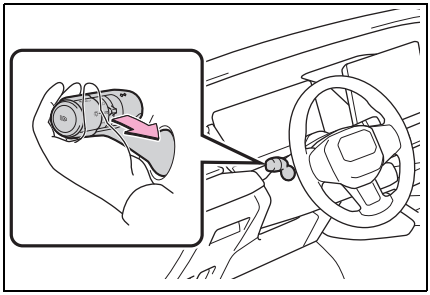


## Temporarily changing to the low beams

It is recommended to switch to the low beams when use of the high beams is inappropriate or when the high beams may cause problems or distress to other drivers or pedestrians nearby.

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

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



## AHB (Automatic High Beam)

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

**WARNING**

**■ For safe use**

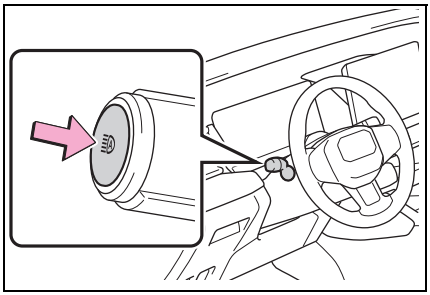
Do not overly rely on the Automatic High Beam. Always drive safely, taking care to observe your surroundings and turning the high beams on or off manually if necessary.

**■ To prevent unintentional operation of the Automatic High Beam system**

When it is necessary to disable the system: →P.275

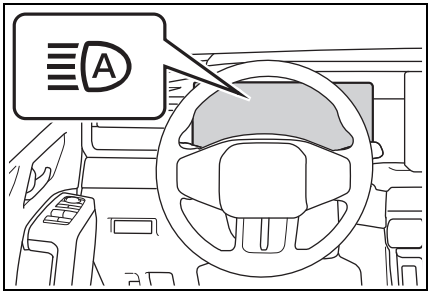
### Using the Automatic High Beam system

1 Press the Automatic High Beam switch.



2 Turn the headlight switch to the AUTO or position.

When the lever is in the original position, the Automatic High Beam is activated and AHB indicator turns on.



### Indicators and system operating state

The operating state of the Automatic High Beam is indicated.

| Indicator | Situation |
|---|---|
| White | Automatic High Beam is on standby |
| Green | In control with low beam |
| Green | In control with high beam |

**■ Automatic operating conditions of the high beams**

● When all of the following conditions are met, the high beams will illuminate automatically:

- The vehicle speed is approximately 30 km/h (19 mph) or more
- The area ahead of the vehicle is dark.
- There are no vehicles ahead with lights on.

- There are few streetlights or other lights on the road ahead.

● If any of the following conditions are met, the headlights will change to the low beams:
- Vehicle speed is approximately 25 km/h (16 mph) or lower.
- The area ahead of the vehicle is not dark.
- There is a vehicle ahead with lights on.
- There are many streetlights or other lights on the road ahead.

**■ Front camera detection**

● In the following situations, the high beams may not be automatically changed to the low beams:
- When a vehicle cuts in front of your vehicle
- When another vehicle crosses in front of the vehicle
- When vehicles ahead are repeatedly detected and then hidden due to repeated curves, road dividers or roadside trees
- When a vehicle ahead approaches from a far lane
- When a vehicle ahead is far away
- When a vehicle ahead has no lights
- When the lights of a vehicle ahead are dim
- When a vehicle ahead is reflecting strong light, such as the headlights of your vehicle
- When a vehicle ahead is facing sideways or diagonally
- When there are multiple self-luminous light sources or reflective objects around a vehicle ahead
- Situations in which the sensors and the systems may not operate properly: →P.280

● The headlights may change to the low beams if a vehicle ahead that is using fog lights without its headlights turned on is detected.

● House lights, street lights, traffic signals, and illuminated billboards or signs may cause the high beams to change to the low beams, or the low beams to remain on.

● The following may change the timing at which the headlights change to the low beams:
- The brightness of lights of vehicles ahead
- The movement and direction of vehicles ahead
- The distance between the vehicle and a vehicle ahead
- The relative speed to the preceding vehicle and speed of the vehicle
- When a vehicle ahead only has lights illuminated on one side
- When a vehicle ahead is a two-wheeled vehicle
- The condition of the road (gradient, curve, condition of the road surface, etc.)
- The number of passengers and amount of luggage

● The headlights may change between the high beams and low beams unexpectedly.

● Bicycles and other small vehicles may not be detected.

● In the following situations, the system may not be able to correctly detect the brightness of the surroundings. This may cause the low beams to remain on or the high beams to flash or dazzle pedestrians or vehicles ahead. In such a case, it is necessary to manually change between the high beams and low beams.
- When there are lights similar to headlights or tail lights in the surrounding area
- When headlights or tail lights of vehicles ahead are turned off, dirty, changing color, or not aimed properly
- When the headlights are repeatedly changing between the high beams and low beams.
- When use of the high beams is inappropriate or when the high beams may be flashing or dazzling pedestrians or other drivers.
- When the vehicle is used in an area in which vehicles travel on the opposite side of the road of the country for which the vehicle was designed, for

example using a vehicle designed for right-hand traffic in a left-hand traffic area, or vice versa
- When it is necessary to disable the system: →P.275
- Situations in which the sensors and the systems may not operate properly: →P.280

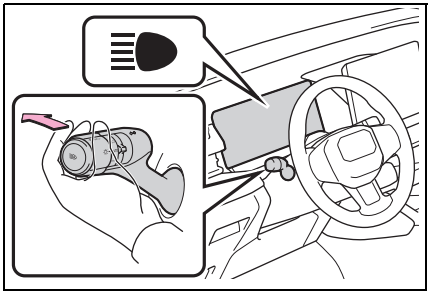
## Turning the high beam on/off manually

### ■ Changing to the high beams

Push the lever forward.

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

Pull the lever rearward and then return it to its original position to enable the Automatic High Beam system again.

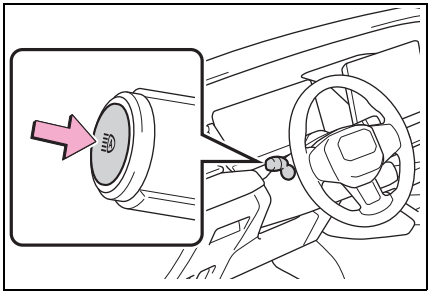


### ■ Changing to the low beams

Press the Automatic High Beam switch.

The AHB indicator will turn off.

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

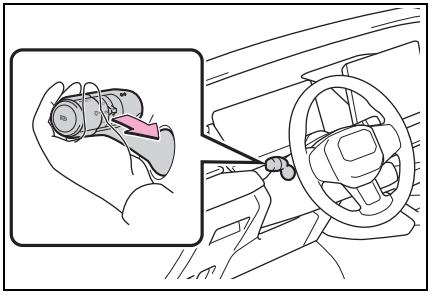


## Temporarily changing to the low beams

It is recommended to switch to the low beams when use of the high beams is inappropriate or when the high beams may cause problems or distress to other drivers or pedestrians nearby.

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

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

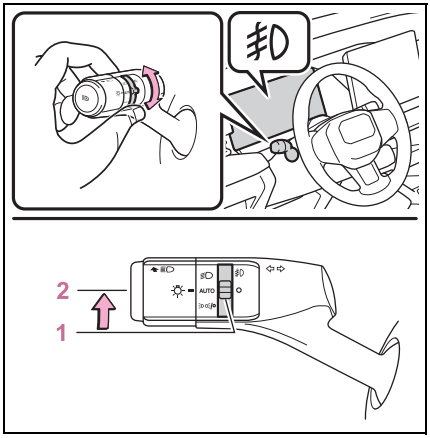


## Fog light switch

**The fog lights offer improved visibility in difficult driving conditions, such as in rain and fog.**

### Operating procedure

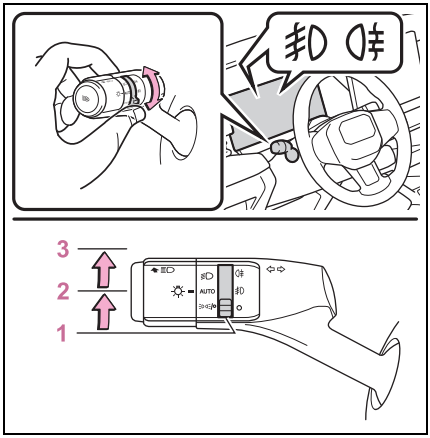
▶ Front fog light switch




**1** Turns the front fog lights off

**2** Turns the front fog lights on

▶ 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 light off.

**■ Fog lights can be used when**

▶ Vehicles with front fog light switch

The headlights or the front position lights are turned on.

▶ Vehicles with front and rear fog light switch

Front fog lights: The headlights or the front position lights are turned on.

Rear fog light: The front fog lights are turned on.

## Windshield wipers and washer

**Operating the lever can switch between automatic operation and manual operation, or can use the washer.**

NOTICE

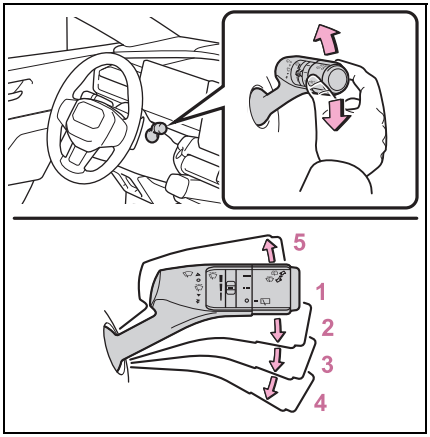
**■When the windshield is dry**

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




1 ○ Off

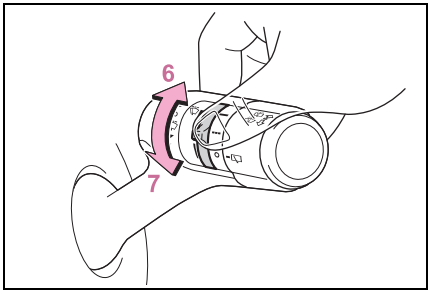
2 Intermittent operation

3 ▼ Low speed operation

4 ▼▼ High speed operation

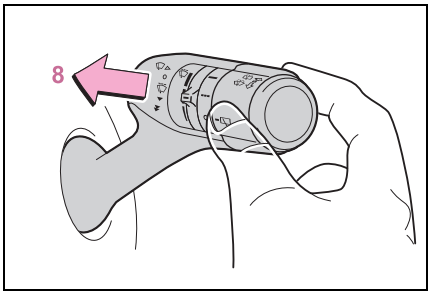
5 Temporary operation

Wiper intervals can be adjusted when intermittent operation is selected.




6 Increases the intermittent windshield wiper frequency

7 Decreases the intermittent windshield wiper frequency

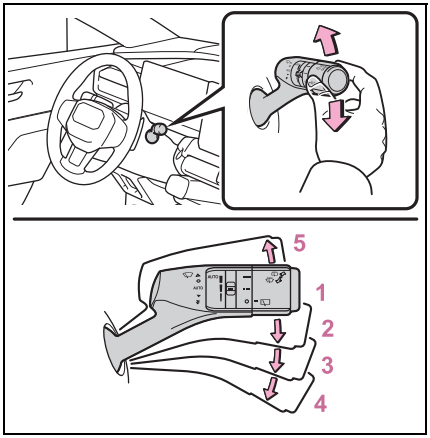



8 Washer/wiper dual operation

Pulling the lever operates the wipers and washer.

The wipers will automatically operate a couple of times after the washer squirts. Vehicles with headlight cleaners: When the power switch is in ON and the headlights are on, if the lever is pulled, the headlight cleaners will operate once. After this, the headlight cleaners will operate every 5th time the lever is pulled.

▶ Rain-sensing windshield wipers




**1** ○ Off

**2** AUTO Rain-sensing operation

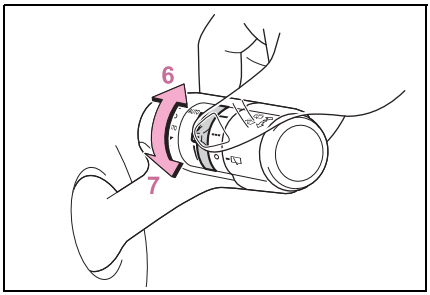
**3** ▼ Low speed operation

**4** ▼▼ High speed operation

**5** △ Temporary operation

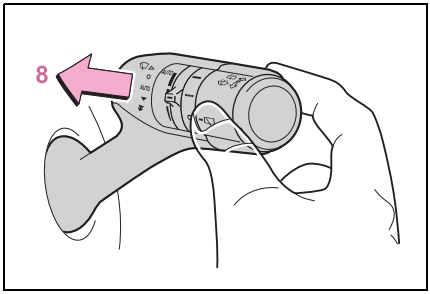
When “AUTO” is selected, the wipers will operate automatically when the sensor detects falling rain. The system automatically adjusts wiper timing in accordance with rain volume and vehicle speed.

The sensor sensitivity can be adjusted when “AUTO” is selected.




**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. Vehicles with headlight cleaners: When the power switch is in ON and the headlights are on, if the lever is pulled, the headlight cleaners will operate once. After this, the headlight cleaners will operate every 5th time the lever is pulled.

### ■ The windshield wipers and washer can be operated when

The power switch is in ON.

### ■ Effects of vehicle speed on wiper operation

▶ Vehicles with intermittent windshield wipers

With low speed windshield wiper operation selected, wiper operation will be switched from low speed to intermittent wiper operation when the vehicle is stationary. (However, when the wiper intervals are adjusted to highest level, the mode will not switch.)

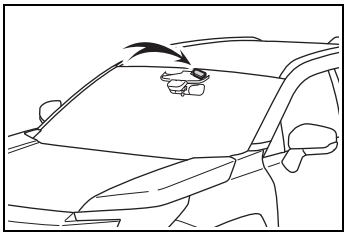
▶ Vehicles with rain-sensing windshield wipers

With low speed windshield wiper operation selected, wiper operation will be

switched from low speed to intermittent wiper operation when the vehicle is stationary. (However, when the sensor sensitivity is adjusted to the highest level, the mode will not switch.)

### ■ Raindrop sensor (vehicles with rain-sensing windshield wipers)

- The raindrop sensor judges the amount of raindrops.



- 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.
- When “AUTO” is selected and the sensor detects falling rain, if the wiper sensitivity is adjusted to higher, the wiper will operate once to indicate the change of sensitivity.
- If the temperature of the raindrop sensor is 85°C (185°F) or higher, or -15°C (5°F) or lower, the automatic operation may not occur. In this case, operate the wipers in any mode other than “AUTO”.

### ■ If no windshield washer fluid sprays

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

### ■ Washer nozzle heaters (if equipped)

The washer nozzle heaters operate to prevent frozen nozzle when the outside temperature is 5°C (41°F) or less and the power switch is in ON.

**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 or anything else does 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.

### ■ When the washer nozzle heaters are operating (if equipped)

Do not touch the area around the washer nozzle, as they can become very hot and burn you.

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 Toyota retailer or Toyota authorized repairer, or any reliable repairer.
Do not try to clear it with a pin or other object. The nozzle will be damaged.

### ■ Raindrop sensor (vehicles with rain-sensing windshield wipers)

If the windshield is coated with water repellent coating, the raindrop sensor may not properly detect raindrops, preventing automatic mode from operating properly.

NOTICE

**■ To prevent 12-volt battery discharge**

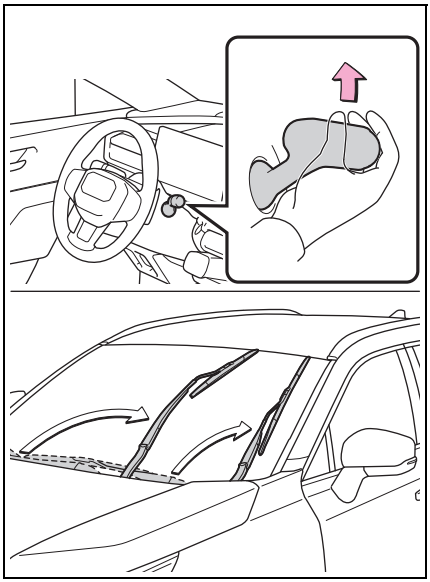
Do not leave the wipers on longer than necessary when the hybrid system is off.

## Changing the windshield wiper rest position/Lifting the windshield wipers

### ■ Raising the wipers to the service position

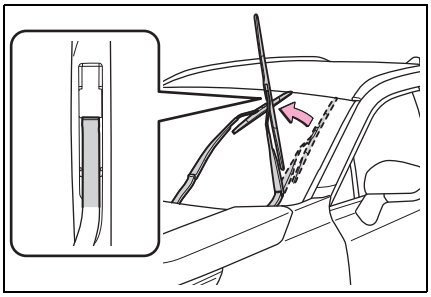
Within approximately 45 seconds of turning the power switch to OFF, move the wiper lever to the ⏢ position and hold it for approximately 2 seconds or more.

The wipers will move to the service position.



### ■ Lifting the windshield wipers

While holding the hook portion of the wiper arm, lift the windshield wiper from the windshield.



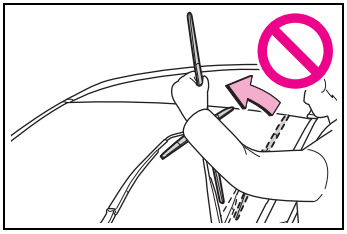
### ■ Lowering the windshield wipers to the retracted position

With the windshield wipers placed on the windshield, turn the power switch to ON and then move the wiper lever to an operating position. When the wiper switch is turned off, the windshield wipers will stop at the retracted position. Even if the wipers deviate while the power switch is off, the wipers will return to the normal position.

NOTICE

**■ When lifting the windshield wipers**

- Do not lift a windshield wiper by the wiper blade. Otherwise, the wiper blade may be deformed.



- Do not operate the wiper lever when the windshield wipers are lifted. Otherwise, the windshield wipers may contact the hood, possibly resulting in damage to the windshield wipers and/or hood.

## Rear window wiper and washer

**The rear window wiper and washer can be used by operating the lever.**

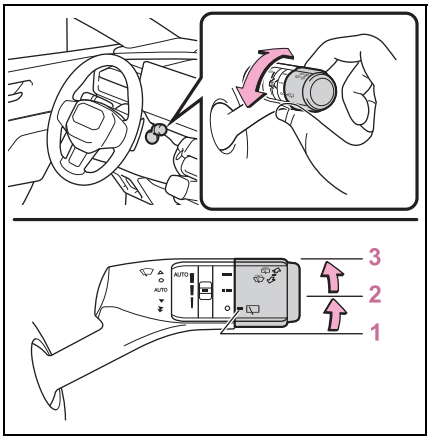
NOTICE

**■When the rear window is dry**

Do not use the wiper, as it may damage the rear window.

### Operating the wiper lever

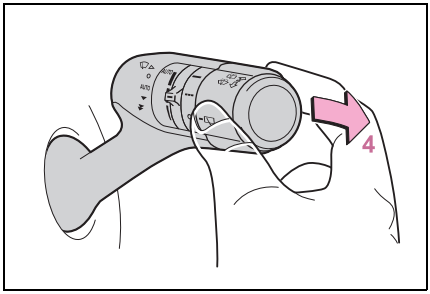
Operating the switch operates the rear wiper as follows:




1 ○ Off

2 --- Intermittent operation

3 ── Normal operation




4 Washer/wiper dual operation

Pushing the lever operates the wiper and washer.

The wiper will automatically operate a couple of times after the washer squirts.

**■The rear window wiper and washer can be operated when**

The power switch is in ON.

**■If no washer fluid sprays**

Check that the washer nozzle is not blocked if there is washer fluid in the washer fluid reservoir.

**■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.

**■Reverse-linked rear window wiper function**

If the shift position is shifted to R when the front wipers are operating, the rear window wiper will operate once.

**■Customization**

Setting of the reverse-linked function can be changed.

(Customizable features: →P.615)

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 Toyota retailer or Toyota authorized repairer, or any reliable repairer.
Do not try to clear it with a pin or other object. The nozzle will be damaged.

**To prevent 12-volt battery discharge**

Do not leave the wiper on longer than necessary when the hybrid system is off.

## Opening the fuel tank cap

**Perform the following steps to open the fuel tank cap:**

### Before refueling the vehicle

- Close all the doors and windows, and turn the power switch to OFF.
- Confirm the type of fuel.

**■ Fuel types**

→P.613

**■ Fuel tank opening for unleaded gasoline**

To help prevent incorrect fueling, your vehicle has a fuel tank opening that only accommodates the special nozzle on unleaded fuel pumps.

**WARNING**

**■ When refueling the vehicle**

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

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

**■ When refueling**

Observe the following precautions to prevent fuel overflowing from the fuel tank:

- Securely insert the fuel nozzle into the fuel filler neck.
- Stop filling the tank after the fuel nozzle automatically clicks off.
- Do not top off the fuel tank.

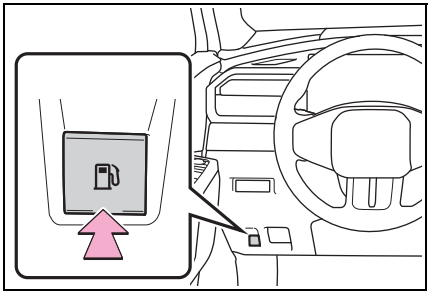
**NOTICE**

**■ Refueling**

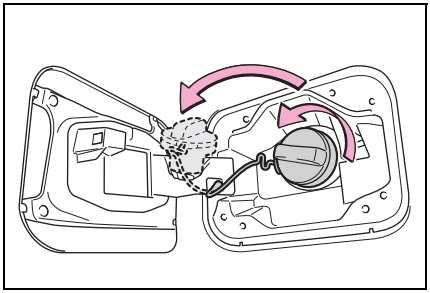
Do not spill fuel during refueling. Doing so may damage the vehicle, such as causing the emission control system to operate abnormally or damaging fuel system components or the vehicle's painted surface.

## Opening the fuel tank cap

1 Press the opener to open the fuel filler door.



2 Turn the fuel tank cap slowly to open it and put it into the holder on the fuel filler door.

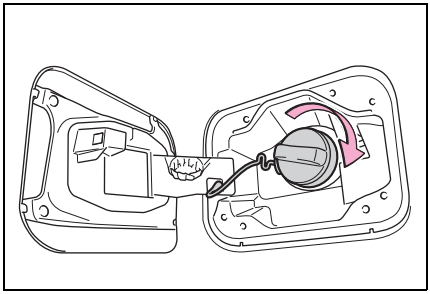


**■ If the fuel filler door cannot be opened**

→P.589

## Closing the fuel tank cap

After refueling, turn the fuel tank cap until you hear a click. Once the cap is released, it will turn slightly in the opposite direction.



**WARNING**

**■ When replacing the fuel tank cap**

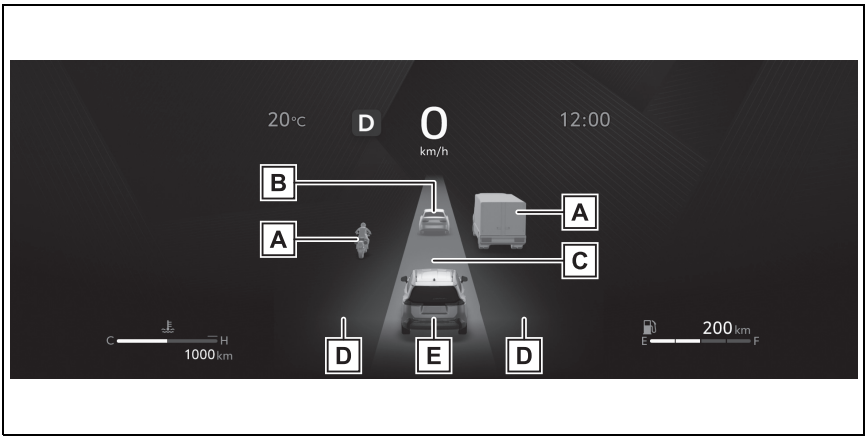
Do not use anything but a genuine Toyota fuel tank cap designed for your vehicle. Doing so may cause a fire or other incident which may result in death or serious injury.

## Driving support system information

**The multi-information display (→P.111) shows the status of your lane and adjacent lanes, the movement of your vehicle and the operation status of certain systems.**

### Driving support system information display

■ **Driving support system information display screen**




The illustration is only an example and may differ from the actual display of the screen.

A Vehicles around your vehicle

B Preceding vehicle

C Your lane

D Adjacent lanes

E Your vehicle

■ **Displayed system**

The operating state of the following systems is displayed.

Refer to the item for each system for the display details.

- LTA (Lane Tracing Assist)

→P.297

- LCA (Lane Change Assist) (if equipped)

→P.301

- LDA (Lane Departure Alert)

→P.305

- PDA (Proactive Driving Assist) (if equipped)

→P.313

- Dynamic radar cruise control

→P.322

- BSM (Blind Spot Monitor)

→P.349

**■ Display of surrounding conditions**

Information for adjacent lanes may not be displayed when the vehicle speed is low or depending on surrounding conditions.

**WARNING**

**■ For safe use**

- All of surrounding vehicles and conditions are not necessarily displayed on the multi-information display.
  Drivers should not rely solely on information on the display, and drive safely by always paying careful attention to their surroundings.

## Disabled and restricted systems

The following operations may disabled the system or restricted the system on some functions.

“Some driving assist systems are deactivated” or “Some driving assist systems have reduced functionality” is displayed on the multi-information display.

For systems that list an icon, the icon appears with a message.

| Operations | Disabled systems | Restricted systems on some functions |
|---|---|---|
| Turn off the PCS (pre-collision system) (→P.296) | • PDA (Proactive Driving Assist) (if equipped) (→P.313)<br>• Emergency Driving Stop System (→P.342) | • LDA (Lane Departure Alert) (→P.305) |
| Turn off the VSC (→P.436) | • LDA (Lane Departure Alert) (→P.305)<br>• PDA (Proactive Driving Assist) (if equipped) (→P.313)<br>• Emergency Driving Stop System (→P.342) | • PCS (pre-collision system) (→P.286) |
| Turn off the TRC (→P.436) | • PDA (Proactive Driving Assist) (if equipped) (→P.313) | • LDA (Lane Departure Alert) (→P.305) |
| Turn off the Driver Monitor Camera (if equipped) (→P.286) | — | • LTA (Lane Tracing Assist) (→P.297)<br>• Dynamic radar cruise control (→P.322) |
| Fold the outside rear view mirrors (→P.183) | • RCTA (Rear Crossing Traffic Alert) (→P.375)<br>• PKSB (Parking Support Brake) (if equipped) (→P.384) | — |
| Open the back door (→P.143) | • RCD (Rear Camera Detection) (if equipped) (→P.381)<br>• PKSB (Parking Support Brake) (if equipped) (→P.384) | — |

| Operations | Disabled systems | Restricted systems on some functions |
|---|---|---|
| Any of the following are performed<br>Turned on the Trail Mode (AWD vehicles) (→P.427)<br>Turned on the Downhill Assist Control (AWD vehicles) (→P.431) | • PDA (Proactive Driving Assist) (if equipped) (→P.313) | • LDA (Lane Departure Alert) (→P.305) |
| Open the side doors (→P.135) | • PKSB (Parking Support Brake) (if equipped) (→P.384) | — |
| Unfasten driver's seat belt (→P.37) | • PDA (Proactive Driving Assist) (if equipped) (→P.313) | — |

## Toyota Safety Sense

**The Toyota Safety Sense consists of the driving assist systems and contributes to a safe and comfortable driving experience:**

**WARNING**

**■ Toyota Safety Sense**

The Toyota Safety Sense operates under the assumption that the driver will drive safely, and is designed to help reduce the impact to the occupants in a collision and assist the driver under normal driving conditions.

As there is a limit to the degree of recognition accuracy and control performance that this system can provide, do not overly rely on this system. The driver is solely responsible for paying attention to the vehicle's surroundings and driving safely.

**■ For safe use**

- Do not overly rely on this system. The driver is solely responsible for paying attention to the vehicle's surroundings and driving safely. This system may not operate in all situations and provided assistance is limited. Over-reliance on this system to drive the vehicle safely may lead to an accident resulting in death or serious injury.
- Do not attempt to test the operation of the system, as it may not operate properly, possibly leading to an accident.
- If attention for a driving operation becomes necessary, a warning message or warning buzzer will be operated as an alert. If a warning message is displayed on the display, follow the instructions displayed on the screen and take appropriate actions according to the surrounding conditions.
- If a system malfunction occurs, a warning message or warning buzzer will be operated as an alert. If a warning message is displayed, follow the instructions displayed on the screen. (→P.562)
- Depending on external noise, the volume of the audio system, etc. it may be difficult to hear the warning buzzer. Also, depending on the road conditions, it may be difficult to recognize the operation of the system.

**■ When it is necessary to disable the system**

In the following situations, make sure to disable the system.

Failure to do so may lead to the system not operating properly, possibly leading to an accident resulting in death or serious injury.

- When the vehicle is tilted due to being overloaded or having a flat tire
- When driving at extremely high speeds
- When towing another vehicle
- When the vehicle is being transported by a truck, ship, train, etc.
- When the vehicle is raised on a lift and the tires are allowed to rotate freely

**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 the vehicle is driven in a sporty manner or off-road
- When using an automatic car wash
- When a sensor is misaligned or deformed due to a strong impact being applied to the sensor or the area around the sensor
- When accessories which obstruct a sensor or light are temporarily installed to the vehicle
- When a compact spare tire or tire chains are installed to the vehicle or an emergency tire puncture repair kit has been used
- When the tires are excessively worn or the inflation pressure of the tires is low
- When tires other than the manufacturer specified size are installed
- When the vehicle cannot be driven stably, due to a collision, malfunction, etc.

## Driving assist systems

■ **AHS (Adaptive High beam System)***

→P.255

■ **AHB (Automatic High Beam)**

→P.259

■ **PCS (Pre-Collision System)**

→P.286

■ **LTA (Lane Tracing Assist)**

→P.297

■ **LDA (Lane Departure Alert)**

→P.305

■ **LCA (Lane Change Assist)***

→P.301

■ **FCTA (Front Crossing Traffic Alert)***

→P.317

■ **PDA (Proactive Driving Assist)***

→P.313

■ **RSA (Road Sign Assist)***

→P.319

■ **Dynamic radar cruise control**

→P.322

■ **Cruise control**

→P.338

■ **Speed limitter***

→P.344

■ **Emergency Driving Stop System**

→P.342

■ **Driver monitor***

→P.284

*: If equipped

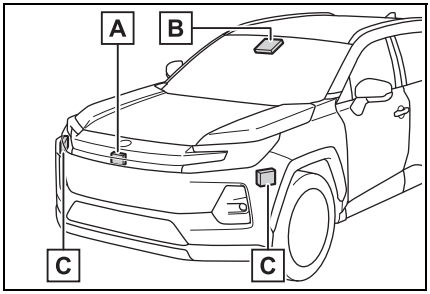
## Sensors used by Toyota Safety Sense

Various sensors are used to obtain the necessary information for sys-

tem operation.

### ■ Sensors which detect the surrounding conditions

▶ Front



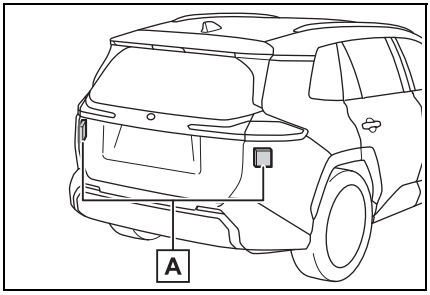

A Front radar sensor

B Front camera

C Front side radar sensors*

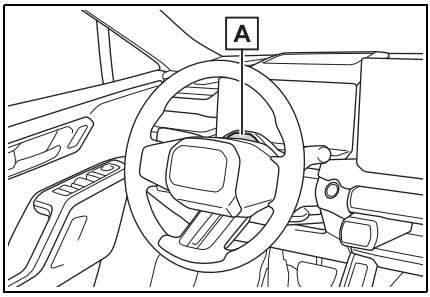
*: If equipped

▶ Rear




A Rear side radar sensors

### ■ Sensors which detect the driver condition




A Driver monitor camera*

*: If equipped

**WARNING**

**■ To prevent malfunction of the radar sensors**

Observe the following precautions.

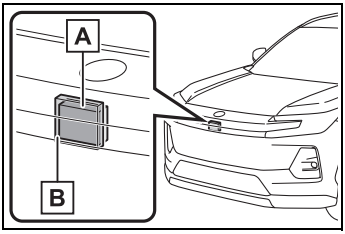
Failure to do so may lead to a radar sensor not operating properly, possibly leading to an accident resulting in death or serious injury.

**WARNING**

- Keep the radar sensors and radar sensor covers clean at all times.

Clean the front of a radar sensor or the front or back of a radar sensor cover if it is dirty or covered with water droplets, snow, etc.

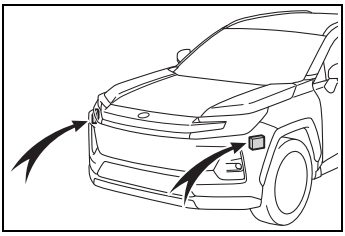
When cleaning the radar sensor and radar sensor cover, use a soft cloth to remove dirt so as to not damage them.




A Radar sensor

B Radar sensor cover

- Vehicles with front side radar sensors: Keep the surrounding area of the front side radar sensors on the front bumper clean at all times.



- Do not attach accessories, stickers (including transparent stickers), aluminum tape, etc. to a radar sensor or radar sensor cover and their surrounding area.
- Do not install accessories (bull bars, license plate covers, grill badges, etc.) or license plates that interfere with radar waves.
- Do not subject a radar sensor or its surrounding area to impact.

If a radar sensor, the front grille, front bumper, or rear bumper has been subjected to a impact, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

- Do not disassemble the radar sensors.
- Do not modify or paint the radar sensors or radar sensor cover, or replace them with anything other than Toyota genuine parts.
- In the following situations, recalibration of the radar sensors will be necessary. For details, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
  - When a radar sensor is removed and installed, or replaced
  - When the front bumper, the rear bumper, or the front grille has been replaced

**■ To prevent malfunction of the front camera**

Observe the following precautions.

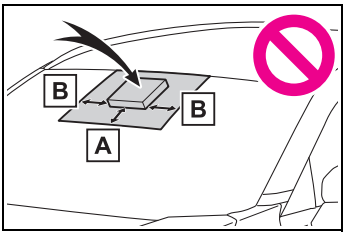
Failure to do so may lead to the front camera not operating properly, possibly leading to an accident resulting in death or serious injury.

- Always keep the windshield clean.
  - If the windshield is dirty or covered with an oily film, water droplets, snow, etc., clean the windshield.
  - Even if a glass coating agent is applied to the windshield, it will still be necessary to use the windshield wipers to remove water droplets, etc. from the area of the windshield in front of the front camera.

**WARNING**

- If the inner side of the windshield where the front camera is installed is dirty, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

- Do not attach stickers (including transparent stickers) or other items to the area of the windshield in front of the front camera (shaded area in the illustration).




A Approximately 4 cm (1.6 in.)

B Approximately 4 cm (1.6 in.)

- If the part of the windshield in front of the front camera is fogged up or covered with condensation or ice, use the windshield defogger to remove the fog, condensation, or ice.

- If water droplets cannot be properly removed from the area of the windshield in front of the front camera by the windshield wipers, replace the wiper insert or wiper blade.

- Do not attach window tint to the windshield.

- Replace the windshield if it is damaged or cracked.

If the windshield has been replaced, recalibration of the front camera will be necessary. For details, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

- Do not allow liquids to contact the front camera.

- Do not allow bright lights to shine into the front camera.

- Do not damage the lens of the front camera or allow it to become dirty.

When cleaning the inside of the windshield, do not allow glass cleaner to contact the lens of the front camera. Do not touch the lens of the front camera.

If the lens of the front camera is dirty or damaged, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

- Do not subject the front camera to a strong impact.

- Do not change the position or orientation of the front camera or remove it.

- Do not disassemble the front camera.

- Do not modify any parts around the front camera, such as the inside rear view mirror or ceiling.

- Do not attach accessories which may obstruct the front camera to the hood, front grille, or front bumper. For details, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

- If a surfboard or other long object is to be mounted on the roof, make sure that it will not obstruct the front camera.

- Do not modify or change the headlights and other lights.

**WARNING**

**■ Front camera installation area on the windshield**

If the system determines that the windshield may be fogged up, it will automatically operate the heater to defog the part of the windshield around the front camera. When cleaning, etc., be careful not to touch the area around the front camera until the windshield has cooled sufficiently, as touching it may cause burns.

**■ Precautions for the driver monitor camera (if equipped)**

Observe the following precautions.

Failure to do so may lead to malfunction of the driver monitor camera and the systems not operating properly, possibly leading to an accident resulting in death or serious injury.

- Do not subject the driver monitor camera or its surrounding area to strong impact.

If subjected to a strong impact, the driver monitor camera may move out of alignment and the driver may no longer be detected correctly. In this case, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

- Do not disassemble or modify the driver monitor camera.
- Do not attach accessories, stickers (including transparent stickers), etc. to the driver monitor camera or its surrounding area.
- Do not allow the driver monitor camera or its surrounding area to get wet.
- Do not cover the driver monitor camera or place anything in front of it.
- Keep the lens of the driver monitor camera free from damage.
- Do not touch the lens of the driver monitor camera or allow it to become dirty.

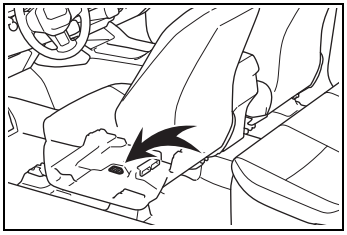
When there is dirt or fingerprints on the camera lens, clean it with a dry, soft cloth so as to not mark or damage it.

- When cleaning the lens, do not use detergents or organic solvents that may damage plastic.

**■ Air intake vent of TSS control unit**

Observe the following precautions.

Failure to do so may lead to TSS control unit not operating properly, possibly leading to an accident resulting in death or serious injury.



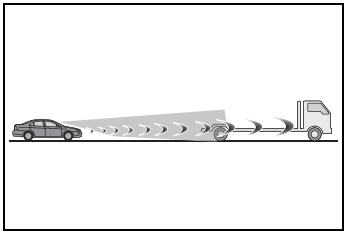
- Do not block the air intake vent.
- Do not allow water or foreign objects to enter the air intake vent.

**■ Situations in which the sensors and the systems may not operate properly**

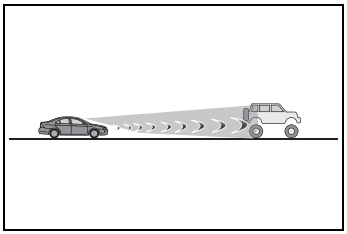
- When the height or inclination of the vehicle has been changed due to modifications
- When the windshield is dirty, fogged up, cracked or damaged
- When the ambient temperature is high or low
- When foreign matter such as mud, raindrops, snow, ice, insects or dirt

adhere to the front surface of the sensor

- If a sensor is hit by a large amount of water, such as when driving on a flooded road
- When in inclement weather such as heavy rain, fog, snow, or a sandstorm
- When water, snow, dust, etc. is thrown up in front of the vehicle, or when driving through mist or smoke
- When the headlights are not illuminated while driving in the dark, such as at night or when in a tunnel
- When the lens of a headlight is dirty and illumination is weak
- When the headlights are misaligned
- When a headlight is malfunctioning
- When the headlights of another vehicle, sunlight, or reflected light shines directly into the front camera
- When the brightness of the surrounding area changes suddenly
- When driving near a TV tower, broadcasting station, electric power plant, radar equipped vehicles, etc., or other location where strong radio waves or electrical noise may be present
- When a wiper blade is blocking the front camera
- When driving on a truss bridge or other location with many steel structures
- When in a location or near objects which strongly reflect radio waves, such as the following:
  - Tunnels
  - Gravel roads
  - Rutted, snow-covered roads
  - Walls
  - Large trucks
  - Manhole covers
  - Guardrail
  - Metal plates
- When near a step or protrusion
- When a detectable vehicle is narrow, such as a small mobility vehicle
- When a detectable vehicle has a small front or rear end, such as an unloaded truck
- When a detectable vehicle has a low front or rear end, such as a low bed trailer



- When a detectable vehicle has extremely high ground clearance



- When a detectable vehicle is carrying a load which protrudes from its cargo area
- When a detectable vehicle has little exposed metal, such as a vehicle which is partially covered with cloth, etc.
- When a detectable vehicle is irregularly shaped, such as a tractor, sidecar, etc.
- When the distance between the vehicle and a detectable vehicle has become extremely short
- When a detectable vehicle is at an angle
- When snow, mud, etc. is attached to a detectable vehicle
- When driving on the following kinds of roads:
  - Roads with sharp curves or winding roads
  - Roads with changes in grade, such as sudden inclines or declines

- Roads which is sloped to the left or right
- Roads with deep ruts
- Roads which are rough and unmaintained
- Roads which frequently undulate or are bumpy

● When the steering wheel is being operated frequently or suddenly

● When the vehicle is not in a constant position within a lane

● When parts related to this system, the brakes, etc. are cold or extremely hot, wet, etc.

● When the wheels are misaligned

● When driving on slick road surfaces, such as when it is covered with ice, snow, gravel, etc.

● When the course of the vehicle differs from the shape of a curve

● When the vehicle speed is excessively high when entering a curve

● When entering/exiting a parking lot, garage, car elevator, etc.

● When driving in a parking lot

● When driving through an area where there are obstructions which may contact your vehicle, such as tall grass, tree branches, a curtain, etc.

● When driving in strong wind

**■ Situations in which the lane may not be detected**

● When the lane is extremely wide or narrow

● Immediately after changing lanes or passing through an intersection

● When driving in a temporary lane or lane regulated by construction

● When there are structures, patterns, shadows which are similar to lane lines in the surrounding

● When there are multiple white lines for a lane line

● When the lane lines are not clear or driving on a wet road surface

● When a lane line is on a curb

● When driving on a bright, reflective road surface, such as concrete

**■ Situations in which some or all of the functions of the system cannot operate**

● When a malfunction is detected in this system or a related system, such as the brakes, steering, etc.

● When the VSC, TRC, or other safety related system is operating

● When the VSC, TRC, or other safety related system is off

**■ Changes in brake operation sound and pedal response**

● When the brakes have been operated, brake operation sounds may be heard and the brake pedal response may change, but this does not indicate a malfunction.

● When the system is operating, the brake pedal may feel stiffer than expected or sink. In either situation the brake pedal can be depressed further. Further depress the brake pedal as necessary.

**■ Situations in which the driver monitor camera may not operate properly (if equipped)**

In situations such as the following, the driver monitor camera may not be able to detect the driver's face, and the function may not operate properly.

● When the inside of the vehicle is hot, such as after the vehicle has been parked in the sun

● When a very bright light, such as the sun or the headlights of following vehicle, shines onto the driver monitor camera

● When the brightness inside the vehicle changes frequently due to the shadows of surrounding structures, etc.

● When a very bright light, such as the sun or the headlights of an oncoming vehicle, is shining onto the driver's

face

- When light, either inside or outside of the vehicle, is being reflected from the lenses of eyeglasses or sunglasses
- When there are multiple faces in the detection range of the driver monitor camera, such as when a front or rear passenger is leaning toward the driver's seat
- When the driver's face is outside of the detection range of the driver monitor camera, such as when leaned forward or when their head is outside of the window
- When the driver monitor camera is being blocked by the steering wheel, a hand holding the steering wheel, an arm, etc.
- When the driver is wearing a hat
- When the driver is wearing an eyepatch
- When the driver is wearing eyeglasses or sunglasses that do not easily transmit infrared rays
- When the driver is wearing contact lenses
- When the driver is wearing a face mask
- When the driver is laughing or the driver's eyes are only slightly open
- When the driver's eyes, nose, mouth, or shape of their face is blocked
- When the driver is wearing makeup which makes it difficult to detect their eyes, nose, mouth, or shape of their face
- When the driver's eyes are blocked by the frame of eyeglasses, sunglasses, hair, etc.
- When there is a device inside the vehicle that radiates near infrared rays, such as a non-genuine driver monitoring system.

**■ Software update**

- The Data Communication Module (DCM) can be used to perform software updates to improve system performance and change functions.
- Before using this system, be sure to read the updated details.
- The functions may be partially limited while software update status is "Activate".

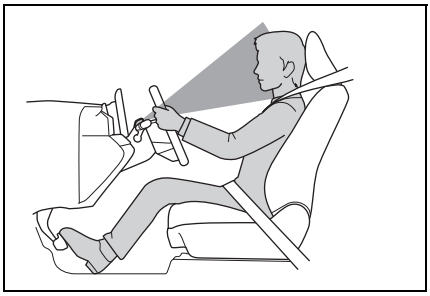
For details, refer to "Multimedia owner's manual".

## Driver monitor

### Functions that use the driver monitor camera (if equipped)

During controlled driving, the driver monitor camera detects the position and direction the driver is facing, and whether their eyes are opened or closed, etc. Through this, the system determines if the driver is checking their surroundings and if the driver can perform driving operations.

In order to operate properly, the driver monitor camera requires an unobstructed view of the driver's face.
If the steering column or seat position is either too high or too low, or if any other condition is present that obstructs the driver monitor camera's view of the driver's face, some driving support systems may not operate properly, or a warning message may be displayed.



#### ■ Warning function

In situations such as the following, a buzzer will sound and a message will be displayed to warn the driver.

- When the system determines that the driver is not paying attention to the road or their eyes are closed
- When the driver's face cannot be detected or the system determines that the driver has poor driving posture
- When the system determines that the driver shows signs of drowsiness

When the position of the steering wheel/driver's seat is too high or too low, the driver monitor camera may not be able to recognize the whole face of the driver which can limit feature functionality and possibly trigger an alarm. Adjust the steering wheel/seat position to achieve a proper seating position where the whole meter is visible. Confirm proper seat belt routing, head restraint positioning, and appropriate distance from the steering wheel and frontal airbag as described in this manual. If the alarm continues even after making the recommended adjustments, contact your any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer

#### ■ Face identification

As a function of the My Settings, the driver monitor camera is used as a face authentication device to identify individuals. (→P.198)

#### ■ Collaboration with other driving assist systems

Some functions of the following driving assist systems are con-

trolled based on the driver's condition as detected by the driver monitor camera.

- PCS (Pre-Collision System) →P.296
- LDA (Lane Departure Alert) →P.306, 307, 310
- Dynamic radar cruise control (vehicles with driver monitor camera and LCA) →P.329

**WARNING**

**■ For safe use**

- The warning function is not designed to prevent the driver from driving carelessly or having a poor driving posture. Pay careful attention to the surrounding conditions in order to ensure safe driving.
- The warning function cannot reduce drowsiness. If you feel unable to concentrate or drowsy, take a break and sleep as necessary in order to ensure safe driving.

**■ Warning function**

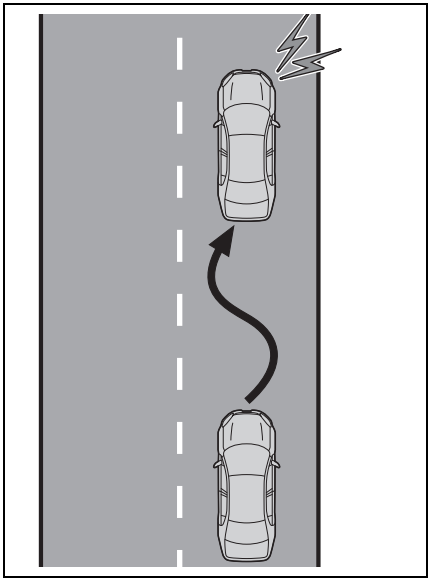
These functions may not operate when the vehicle speed is low.

**■ Situations in which the driver monitor camera may not operate properly**

→P.282

## Driver break suggestion function

If the vehicle is swaying, a message will be displayed and a buzzer will sound to urge the driver to take a break.



**■ Driver break suggestion function**



This function is operable when all of the following conditions are met:

- The vehicle speed is approximately 65 km/h (40 mph) or more.
- The lane width is approximately 3 m (9.8 ft.) or more.

Depending on the condition of the vehicle and road surface, the driver break suggestion function may not operate.

Press the ⮌ meter control switch to turn off the message.

Unless ⮌ is pressed, the message of the driver break suggestion function will remain displayed.

## Changing Driver monitor setting

The settings of Driver Monitor can be changed through customize settings. (→P.615)

If driver monitor camera setting is OFF, the camera monitoring stops, and all functions that use the driver monitor camera (→P.284) are disabled. Also, Driver Monitor OFF indicator (→P.100) illuminates.

If Warning sensitivity setting is OFF, the warning function (→P.284) is disabled but the camera monitoring continues for other functions.

Each time the power switch is turned to ON, driver monitor camera setting is ON, and Warning sensitivity setting is high.

## PCS (Pre-Collision System)

**The pre-collision system uses sensors to detect objects (→P.287) in the path of the vehicle. When the system determines that the possibility of a frontal collision with a detectable object is high, a warning operates to urge the driver to take evasive action and the potential brake pressure is increased to help the driver avoid the collision. If the system determines that the possibility of a collision is extremely high, the brakes are automatically applied to help avoid the collision or help reduce the impact of the collision.**

**WARNING**

**■ For safe use**

- Driving safely is solely the responsibility of the driver. Pay careful attention to the surrounding conditions in order to ensure safe driving.

Never use the pre-collision system in place of normal braking operations. This system cannot help avoid or reduce the impact of a collision in every situation. Over-reliance on this system to drive the vehicle safely may lead to an accident resulting in death or serious injury.

**WARNING**

- Although the pre-collision system is designed to help avoid or help reduce the impact of a collision, its effectiveness may change according to various conditions. Therefore, it may not always be able to achieve the same level of performance.

Read the following items carefully. Do not overly rely on this system and always drive carefully.

- For safe use: →P.275

**■ When to disable the pre-collision system**

- When it is necessary to disable the system: →P.275

## Detectable objects

The system can detect the following as detectable objects. (Detectable objects differ depending on the function.)

- Vehicles
- Bicycles*
- Pedestrians
- Motorcycles*
- Walls

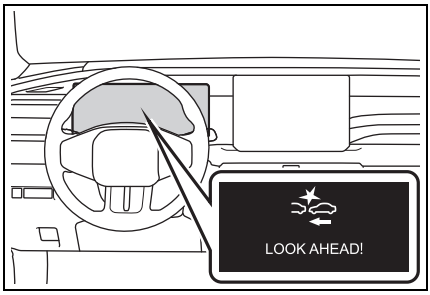
*: Detected as a detectable object when being ridden.

## System functions

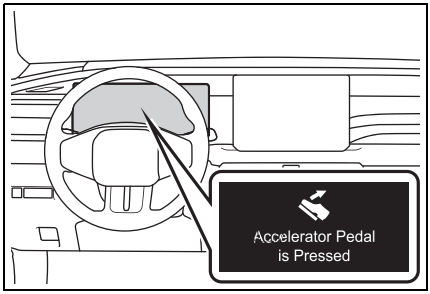
### ■ Pre-collision warning

When the system determines that the possibility of a collision is high, a buzzer will sound and an icon and warning message will be displayed on the multi-information display to urge the driver to take evasive action.

If the detectable object is a vehicle, there may be cases where moderate braking will be performed with the warning.




If the system determines that the accelerator pedal is strongly depressed, the following icon and message will be displayed on the multi-information display.




### ■ Pre-collision brake assist

If the system determines that the possibility of a collision is high and the brake operation by the driver is insufficient, the braking power will be increased.

### ■ Pre-collision brake control

If the system determines that the

possibility of a collision is extremely high, the brakes are automatically applied to help avoid the collision or reduce the impact of the collision.

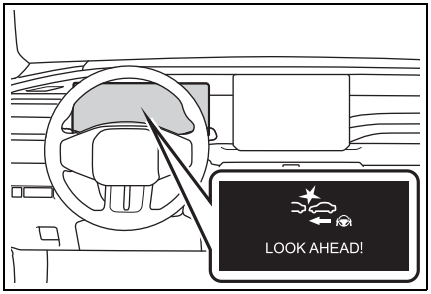
### ■ Emergency steering assist

If the system determines that the following conditions are met, assistance will be provided to help enhance vehicle stability and prevent lane departure. During assistance, in addition to the pre-collision warning, an icon will be displayed on the multi-information display.

- The possibility of a collision is high
- There is sufficient space within the lane to perform evasive steering maneuvers
- The driver is operating the steering wheel

Vehicles with active steering function: The brakes and steering are controlled to help avoid a collision or reduce the impact of a collision, regardless of the evasive steering maneuvers performed by the driver.

During assistance, the pre-collision warning will operate and a message will be displayed to warn the driver.

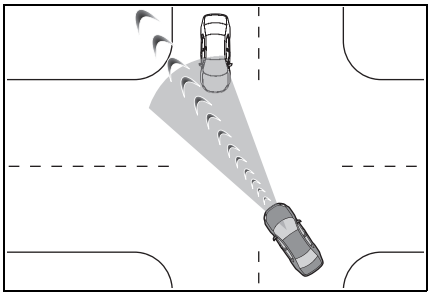



### ■ Intersection collision avoidance support (left/right turn)

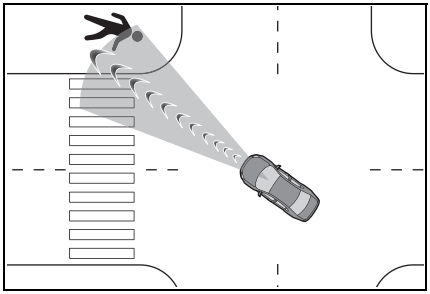
In situations such as the following, if the system determines that the possibility of a collision is high, the pre-collision warning and pre-collision braking will operate.

Depending on the intersection, assistance may not operate correctly.

- When turning left/right at an intersection and crossing the path of an oncoming vehicle/motorcycle



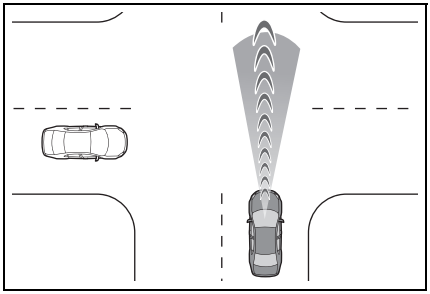
- When turning left/right and a pedestrian or bicycle is detected



### ■ Intersection collision avoidance support (crossing vehicles)

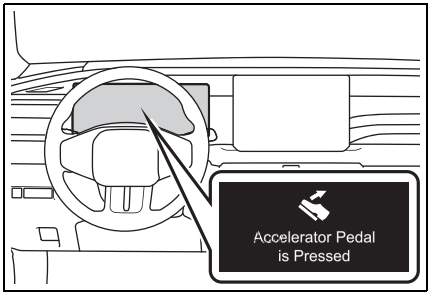
At an intersection, etc., if the system determines that the possibility of a collision with an approaching vehicle or motorcycle is high, the pre-collision warning and pre-collision braking will operate.

Depending on the intersection, assistance may not operate correctly.



### ■ Acceleration Suppression at Low Speed

When driving at a low speed, if the accelerator pedal is strongly depressed and the system determines that there is a possibility of a collision, hybrid system output will be restrained or the brakes will be applied weakly to restrict acceleration. During operation, a buzzer will sound and an icon and message will be displayed on the multi-information display.




**WARNING**

**■ Pre-collision braking**

- When the pre-collision braking function is operating, a large amount of braking force will be applied.
- The pre-collision braking function is not designed to hold the vehicle stopped. If the vehicle is stopped by pre-collision brake control, the driver should operate the brakes immediately as necessary.
- The pre-collision braking function may not operate if certain operations are performed by the driver. If the accelerator pedal is being depressed strongly or the steering wheel is being turned, the system may determine that the driver is taking evasive action and possibly prevent the pre-collision braking function from operating.
- If the brake pedal is being depressed, the system may determine that the driver is taking evasive action and possibly delay the operation timing of the pre-collision brake control.

**WARNING**

**■ Acceleration Suppression at Low Speed**

If the steering wheel is being turned, the system may determine that the driver is taking evasive action and possibly prevent the Acceleration Suppression at Low Speed function from operating or possibly causing its operation to be canceled.

**■ Emergency steering assist**

- The emergency steering assist will be canceled when the system determines that lane departure prevention control has completed.
- Depending on operations performed by the driver, emergency steering assist may not operate or operation may be canceled.

- If the accelerator pedal is depressed strongly, the steering wheel is turned heavily, the brake pedal is depressed, or the turn signal lever is operated, the system may determine that the driver is taking evasive action and the emergency steering assist may not operate.
- While the emergency steering assist is operating, if the accelerator pedal is depressed strongly, the steering wheel is turned heavily, or the brake pedal is depressed, the system may determine that the driver is taking evasive action and emergency steering assist operation may be canceled.
- While the emergency steering assist is operating, if the steering wheel is held or turned in the opposite direction of system operation, emergency steering assist operation will be canceled.

**■ Operating conditions of each function of the pre-collision system**

The pre-collision system is enabled and the system determines that the possibility of a frontal collision with a detected object is high.

However, the system will not operate in the following situations:

- When the vehicle has not been driven a certain amount after a terminal of the 12-volt battery has been disconnected and reconnected
- When the shift position is in R
- When driving on a curve or turning left or right while the VSC OFF indicator is illuminated (the pre-collision warning function will be operational)

The following are the operational speeds and cancelation conditions of each function:

● Pre-collision warning

| Detectable objects | Vehicle speed | Relative speed between your vehicle and object |
|---|---|---|
| Preceding vehicles, stopped vehicles | Approximately 5 to 180 km/h (3 to 110 mph) | Approximately 5 to 180 km/h (3 to 110 mph) |
| Oncoming vehicles | Approximately 30 to 180 km/h (20 to 110 mph) | Approximately 80 to 220 km/h (50 to 130 mph) |
| Bicycles | Approximately 5 to 180 km/h (3 to 110 mph) | Approximately 5 to 90 km/h (3 to 55 mph) |
| Pedestrians | Approximately 5 to 80 km/h (3 to 50 mph) | Approximately 5 to 90 km/h (3 to 55 mph) |
| Preceding motorcycles, stopped motorcycles | Approximately 5 to 180 km/h (3 to 110 mph) | Approximately 5 to 90 km/h (3 to 55 mph) |
| Oncoming motorcycles | Approximately 30 to 180 km/h (20 to 110 mph) | Approximately 30 to 180 km/h (20 to 110 mph) |

While the pre-collision warning is operating, if the steering wheel is operated heavily or suddenly, the pre-collision warning may be cancelled.

● Pre-collision brake assist

| Detectable objects | Vehicle speed | Relative speed between your vehicle and object |
|---|---|---|
| Preceding vehicles, stopped vehicles | Approximately 30 to 180 km/h (20 to 110 mph) | Approximately 10 to 180 km/h (7 to 110 mph) |
| Bicycles | Approximately 30 to 180 km/h (20 to 110 mph) | Approximately 30 to 90 km/h (20 to 55 mph) |
| Pedestrians | Approximately 30 to 80 km/h (20 to 50 mph) | Approximately 30 to 90 km/h (20 to 55 mph) |
| Preceding motorcycles, stopped motorcycles | Approximately 30 to 180 km/h (20 to 110 mph) | Approximately 10 to 90 km/h (7 to 55 mph) |

● Pre-collision braking

| Detectable objects | Vehicle speed | Relative speed between your vehicle and object |
|---|---|---|
| Preceding vehicles, stopped vehicles | Approximately 5 to 180 km/h (3 to 110 mph) | Approximately 5 to 180 km/h (3 to 110 mph) |
| Oncoming vehicles | Approximately 30 to 180 km/h (20 to 110 mph) | Approximately 80 to 220 km/h (50 to 130 mph) |

| Detectable objects | Vehicle speed | Relative speed between your vehicle and object |
|---|---|---|
| Bicycles | Approximately 5 to 180 km/h (3 to 110 mph) | Approximately 5 to 90 km/h (3 to 55 mph) |
| Pedestrians | Approximately 5 to 80 km/h (3 to 50 mph) | Approximately 5 to 90 km/h (3 to 55 mph) |
| Preceding motorcycles, stopped motorcycles | Approximately 5 to 180 km/h (3 to 110 mph) | Approximately 5 to 90 km/h (3 to 55 mph) |
| Oncoming motorcycles | Approximately 30 to 180 km/h (20 to 110 mph) | Approximately 30 to 180 km/h (20 to 110 mph) |

If either of the following occur while the pre-collision braking function is operating, it will be canceled:

- The accelerator pedal is strongly depressed
- The steering wheel is operated heavily or suddenly

● Emergency steering assist

The emergency steering assist will not operate when the turn signal lights are flashing.

The emergency steering assist will not operate when the VSC OFF indicator is illuminated.

| Detectable objects | Vehicle speed | Relative speed between your vehicle and object |
|---|---|---|
| Preceding vehicles, stopped vehicles, bicycles, pedestrians, motorcycles | Approximately 40 to 80 km/h (25 to 50 mph) | Approximately 40 to 80 km/h (25 to 50 mph) |
| Preceding vehicles, stopped vehicles, bicycles, pedestrians, motorcycles | Active steering function (if equipped): * to 80 km/h (* to 50 mph) | Active steering function (if equipped): * to 80 km/h (* to 50 mph) |

*: Minimum vehicle speed: Vehicle speed at which evasion using pre-collision brake control is difficult

While the emergency steering assist is operating, if any of the following are performed, emergency steering assist operation may be cancelled:

- The accelerator pedal is strongly depressed
- The steering wheel is operated heavily or suddenly
- The brake pedal is depressed

● Intersection collision avoidance support (left/right turn)

The intersection collision avoidance support (for left/right turning vehicles) will not

operate when the turn signal lights are not flashing.

| Detectable objects | Vehicle speed | Oncoming vehicle speed |
|---|---|---|
| Oncoming vehicles | Approximately 5 to 40 km/h (3 to 25 mph) | Approximately 10 to 75 km/h (6 to 45 mph) |
| Pedestrians | Approximately 5 to 30 km/h (3 to 20 mph) | — |
| Bicycles | Approximately 5 to 30 km/h (3 to 20 mph) | — |
| Oncoming motorcycles | Approximately 5 to 40 km/h (3 to 25 mph) | Approximately 10 to 75 km/h (6 to 45 mph) |

● Intersection collision avoidance support (crossing vehicles)

▶ Vehicles without front side radars

| Detectable objects | Vehicle speed | Crossing vehicle speed |
|---|---|---|
| Vehicles, Motorcycles (side) | Approximately 5 to 80 km/h (3 to 50 mph) | • Your vehicle speed or less<br>• Approximately 70 km/h or less (43 mph or less) |

When driving at approximately 70 km/h (43 mph) or more, this system will only operate when the speed of the other vehicle is approximately 70 km/h (43 mph) or less.

The system operates only when the crossing vehicle speed is same as or less than the vehicle speed.

▶ Vehicles with front side radars

| Detectable objects | Vehicle speed | Crossing vehicle speed |
|---|---|---|
| Vehicles, Motorcycles (side) | Approximately 5 to 80 km/h (3 to 50 mph) | Approximately 80 km/h or less (50 mph or less) |

● Acceleration Suppression at Low Speed

The Acceleration Suppression at Low Speed function will not operate when the turn signal lights are flashing.

| Detectable objects | Vehicle speed | Relative speed between your vehicle and object |
|---|---|---|
| Preceding vehicles, stopped vehicles, Pedestrians, Bicycles, Wall | Approximately 0 to 15 km/h (0 to 9 mph) | Approximately 0 to 15 km/h (0 to 9 mph) |

While the Acceleration Suppression at Low Speed function is operating, if any of the following are performed, the Acceleration Suppression at Low Speed function operation will be cancelled:

• The accelerator pedal is released

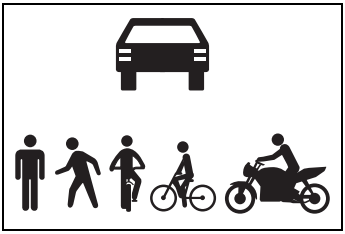
- The steering wheel is operated heavily or suddenly

**■ Detection of detectable objects**

Objects are detected based on their size, shape, and movement.

Depending on the ambient brightness, movement, posture and direction of a detectable object, it may not be detected and the system may not operate properly.

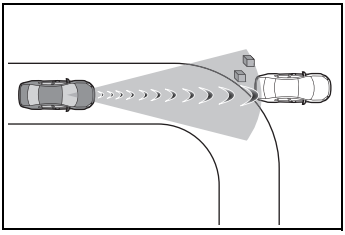
The system detects shapes, such as the following, as detectable objects.



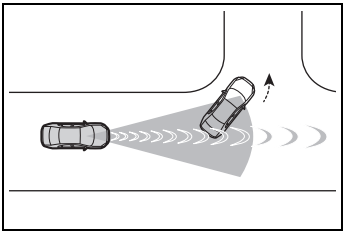
**■ Situations in which the system may operate even though the possibility of a collision is not high**

● In certain situations, such as the following, the system may determine that the possibility of a collision is high and operate:

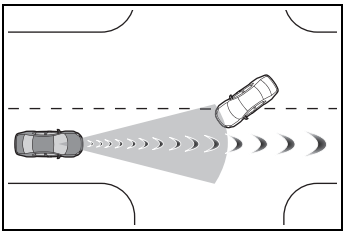
- When passing a detectable object
- When changing lanes while overtaking a detectable object
- When suddenly approaching a detectable object
- When approaching a detectable object or other object on the roadside, such as guardrails, utility poles, trees, walls, etc.
- When there is a detectable object or other object by the roadside at the entrance/exit of a curve



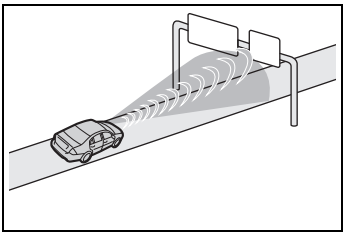
- When there are patterns or a painting ahead of the vehicle that may be mistaken for a detectable object
- When passing a detectable object that is changing lanes or turning left/right



- When passing a detectable object which is stopped to make a left/right turn

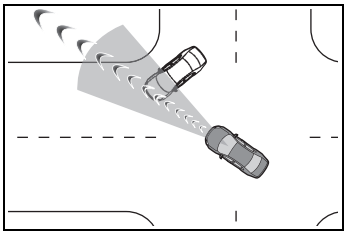


- When a detectable object stops immediately before entering the path of the vehicle
- When passing through a location with a structure above the road (traffic sign, billboard, etc.)

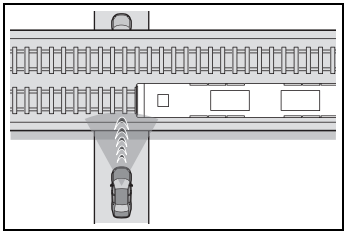


- When approaching an electric toll gate barrier, parking lot barrier, or other barrier that opens and closes
- When turning left/right and an oncoming vehicle, oncoming motorcycle, pedestrian or bicycle crosses in front of the vehicle
- When attempting to turn left/right in front of an oncoming vehicle, oncoming motorcycle, pedestrian or bicycle

- When turning left/right and an oncoming vehicle, oncoming motorcycle, pedestrian or bicycle stops or changes course immediately before entering the path of the vehicle
- When turning left/right and an oncoming vehicle/motorcycle turns left/right in front of the vehicle



- When the steering wheel is operated toward the path of an oncoming vehicle
- When there is an object moving above or under the road

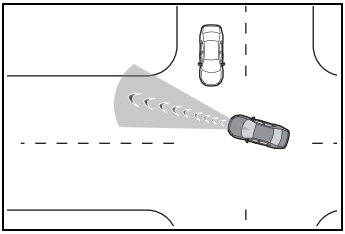


### ■ Situations in which the system may not operate properly

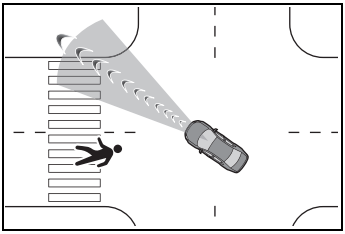
● In certain situations, such as the following, a detectable object may not be detected by the front sensors, and the system may not operate properly:

- When a detectable object is approaching your vehicle
- When your vehicle or a detectable object is wandering
- When a detectable object makes an abrupt maneuver (such as sudden swerving, acceleration or deceleration)
- When suddenly approaching a detectable object
- When the detectable object is near a wall, fence, guardrail, manhole cover, steel plate on the road surface, or another vehicle
- When there is a structure above a detectable object
- When part of a detectable object is hidden by another object (large luggage, umbrella, guardrail, etc.)
- When multiple detectable objects are overlapping
- When a bright light, such as the sun, is reflecting off of a detectable object
- When a detectable object is white and looks extremely bright
- When the color or brightness of a detectable object causes it to blend in with its surroundings
- When a detectable object cuts in front of or suddenly emerges in front of your vehicle
- When approaching a vehicle which is diagonal
- If a bicycle is a child sized bicycle, is carrying a large load, is carrying an extra passenger, is carrying a forward leaning rider, or has an unusual shape (bicycles equipped with a child seat, tandem bicycles, etc.)
- If a pedestrian or bicycle is shorter than approximately 1 m (3.2 ft.) or taller than approximately 2 m (6.5 ft.).
- When the silhouette of a pedestrian or bicycle is unclear (such as when they are wearing a raincoat, long skirt, etc.)
- When a pedestrian is bending forward or squatting
- When a pedestrian or bicycle is moving at high speed
- When a pedestrian is pushing a stroller, wheelchair, bicycle or other vehicle
- When a detectable object blends in with the surrounding area, such as when it is dim (at dawn or dusk) or dark (at night or in a tunnel)
- When the vehicle has not been driven for a certain amount of time after the hybrid system was started
- While turning left/right or a few seconds after turning left/right
- While driving around a curve and a few seconds after driving around a curve
- When turning left/right and an oncoming vehicle/motorcycle is driving in a lane 3 or more lanes from the vehicle

- When turning left/right and the direction of the vehicle differs greatly from the direction traffic flows in the oncoming lane



- When turning left/right and approaching a pedestrian or bicycle which was traveling in the same direction as the vehicle and continues straight
- When turning left/right, a pedestrian or bicycle behind the vehicle comes in front of it as if it overtakes the vehicle



- When at an intersection, the approaching crossing vehicle is long in overall length, such as a large truck, towing trailer, etc.
- If a vehicle is approaching from the left or right of the front of your vehicle diagonally
- When the crossing vehicle crosses the vehicle from far away
- When there is an object between your vehicle and an approaching vehicle
- When several vehicles are approaching with little space between them

● In addition to the preceding, in certain situations, such as the following, the emergency steering assist may not operate properly:

- When a detectable object is too close to the vehicle
- When there is insufficient space to perform evasive steering maneuvers or an obstruction exists in the evasion direction
- When there is an oncoming vehicle

● In addition to the preceding, in certain situations, such as the following, walls may not be detected as a target object and the Acceleration Suppression at Low Speed function may not operate properly:

- When scenery behind the wall is visible, such as a glass door, grid fence, etc.
- When the wall is slanted or low
- When the wall is narrow, such as a pole, etc.
- When the wall is made of plants, such as a hedge, etc.
- When the road, etc. is reflected on the wall
- When the vehicle is approaching the wall at an angle

## Changing the pre-collision setting

● The pre-collision system can be enabled/disabled through a customize setting. (→P.615)

The system is enabled each time the power switch is turned to ON.

● When the system is disabled, the PCS warning light will illuminate and a message will be displayed on the multi-information display.

● Vehicles with a driver monitor camera: When the system determines that the driver is not facing forward, the pre-collision warning will operate earlier than usual.

# LTA (Lane Tracing Assist)

## LTA functions

- When driving on a road with clear lane lines with the dynamic radar cruise control operating, lane lines and preceding and surrounding vehicles are detected using the front camera and radar sensor, and the steering wheel is operated to maintain the vehicle's lane position.

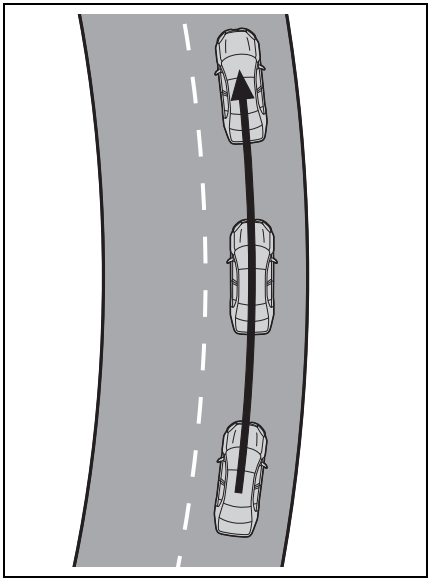
Use this function only on highways and expressways.

If the dynamic radar cruise control is not operating, the function will not operate.

In situations where the lane lines are difficult to see or are not visible, such as when in a traffic jam, support will be provided using the path of preceding and surrounding vehicles.

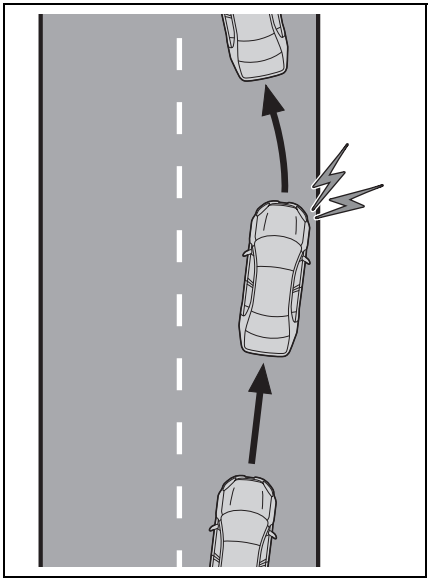
If the system determines that the steering wheel has not been operated for a certain amount of time or the steering wheel is not being firmly gripped, the driver will be alerted and this function will be temporarily canceled.

If the steering wheel is firmly gripped, the function will begin operating again.



- When the function is operating, if the vehicle is likely to depart from its lane, the driver will be alerted via a display and buzzer.

When the buzzer sounds, check the area around the vehicle and carefully operate the steering wheel to move the vehicle back to the center of the lane.



**WARNING**

**■ Before using the LTA system**

- Do not overly rely on the LTA system. The LTA system is not a system which provides automated assistance in driving and it is not a system which reduces the amount of attention necessary for safe driving. The driver is solely responsible for paying attention to their surroundings and operating the steering wheel as necessary to ensure safety. Also, the driver is responsible for taking adequate breaks when fatigued, such as when driving for a long time.
- Failure to perform appropriate driving operations and pay careful attention may lead to an accident.
- When not using the LTA system, turn it off using the LTA switch.

**■ When turning off LTA**

- When it is necessary to disable the system: →P.275

**■ Operating conditions of function**

This function is operable when all of the following conditions are met:

- The LTA system detects lane lines or the path of preceding or surrounding vehicles.
- The dynamic radar cruise control is operating.
- The lane width is approximately 3 to 4 m (10 to 13 ft.).
- The turn signal lever is not being operated.
- The vehicle is not being driven around a sharp curve.
- The vehicle is not accelerating or decelerating more than a certain amount.
- The steering wheel is not being turned with a certain amount of steering force or more.
- The hands off steering wheel warning (→P.298) is not operating.
- The vehicle is being driven in the center of a lane.

**■ Temporary cancelation of functions**

- When the operating conditions are no longer met, a function may be temporarily canceled. However, when the operation conditions are met again, operation of the function will automatically be restored. (→P.298)
- If the operating conditions of a function are no longer met while the function is operating, a buzzer may sound to indicate that the function has been temporarily canceled.
- The steering assist operation of the function can be overridden by the steering wheel operation of the driver.

**■ Hands off steering wheel warning operation**

- When the system determines that the driver has removed their hands from the steering wheel, 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. If the driver continues to keep their hands off of the steering wheel, the function is temporarily canceled.



- When the system detects a steering wheel operation, the warning stops. Always keep your hands on the steering wheel when using this system, regardless of warnings.

**■ Situations in which the hands off steering wheel warning may not operate properly**

- The warning may not operate normally depending on the vehicle condition, the operating status of the steering wheel, and the road surface condition.
- Vehicles with LCA: The warning may not operate in the following situations even if the driver has removed their hands from the steering wheel.
  - When an object other than the driver's hand is touching the steering wheel
  - When an object, arm, etc. is near a large portion of the steering wheel
- Steering wheel operations may not be detected correctly and the warning may operate in the following situations.
  - When the driver's hand is rested lightly on the steering wheel while driving
  - When a steering wheel cover is installed*
  - When the driver is wearing gloves*
  - When foreign matter is attached to the steering wheel*
  - When the driver is gripping the wood trim, seam of the leather, spokes, or other part of the steering wheel that does not have sensors*

*: Vehicles with LCA

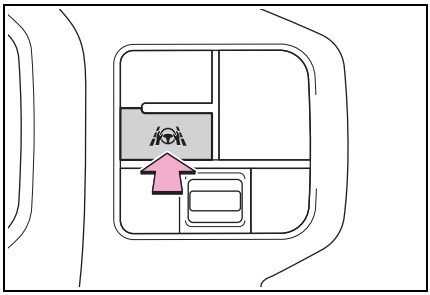
**■ Lane departure warning during LTA operation**

- A warning is issued if the vehicle departs from the lane during LTA operation regardless of the LDA setting.
- If a steering wheel operation equivalent to changing lanes is detected, the system will not determine this to be lane departure and it will not issue a warning.

## Enabling/disabling the system

The LTA will change between ON/OFF each time the LTA switch is pressed.

When the LTA is ON, the LTA indicator will illuminate.



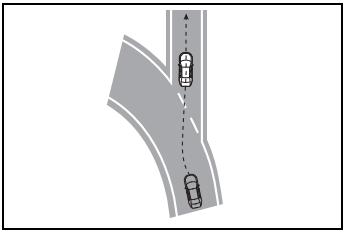
**WARNING**

**■ Situations in which the functions may not operate properly**

In the following situations, the functions may not operate properly and the vehicle may depart from its lane. Do not overly rely on these functions. The driver is solely responsible for paying attention to their surroundings and operating the steering wheel as necessary to ensure safety.

**WARNING**

- When a preceding or surrounding vehicle changes lanes or changes course (Your vehicle may follow the preceding or surrounding vehicle and also change lanes or changes course)



- When a preceding or surrounding vehicle is swaying (Your vehicle may sway accordingly and depart from the lane)
- When a preceding or surrounding vehicle departs from a lane (Your vehicle may follow the preceding or surrounding vehicle and also depart from the lane)
- When a preceding or surrounding vehicle is being driven extremely close to the left/right lane line (Your vehicle may follow the preceding or surrounding vehicle accordingly and depart from the lane)
- When there are moving objects or structures in the surrounding area (Depending on the position of the moving object or structure relative to your vehicle, your vehicle may sway)
- When the vehicle is struck by a crosswind or the turbulence of other nearby vehicles
- Situations in which the sensors and the systems may not operate properly: →P.280
- Situations in which the lane may not be detected: →P.282

## Operation display of steering wheel operation support

The operating state of the LTA system is indicated.

| Indicator | Lane display | Situation |
|---|---|---|
|  |  | |
| White | Gray | LTA is on standby |
| Green | Green | LTA is operating |

## LCA (Lane Change Assist)*

*: If equipped

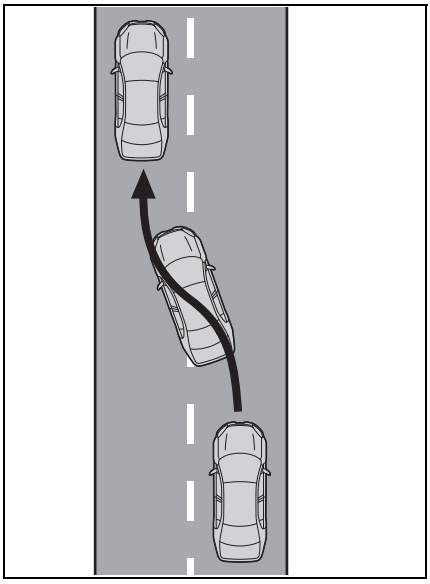
### LCA functions

This function is linked to the LTA and provides assistance in performing lane changes through steering wheel operations.

Use this function only on highways and expressways.

The steering assist operation can be overridden by the steering wheel operation of the driver.

The lane change assist function is not designed to operate when changing lanes at a junction.



**WARNING**

**■ Before using the LCA system**

- Do not overly rely on the LCA system.
  The LCA system is not a system which provides automated assistance in driving and it is not a system which reduces the need for checking an adjacent lane for other vehicles, approaching vehicles, etc. when changing lanes. The driver is solely responsible for paying attention to their surroundings and operating the steering wheel as necessary to ensure safety.
- If LCA is canceled, vehicle may continue running while straddling lanes.
  The driver has responsibility to correct the course of the vehicle appropriately.
- Failure to perform appropriate driving operations and pay careful attention may lead to an accident.

**■ Situations in which the LCA should not be used**

- When not on a highways or expressways.
- When lane change should not be performed (oncoming lanes, road shoulders, lanes that are restricted due to construction or other reasons, lanes where pedestrians and bicycles may enter, etc.).
- When driving on a one lane road
- When there is no broken white line between the current lane and the lane to be changed to
- When it is necessary to disable the system: →P.275
- Situations in which some or all of the functions of the system cannot operate: →P.282

**WARNING**

- Situations in which the LCA may not operate properly
- Situations in which the sensors and the systems may not operate properly: →P.280
- Situations in which the lane may not be detected: →P.282

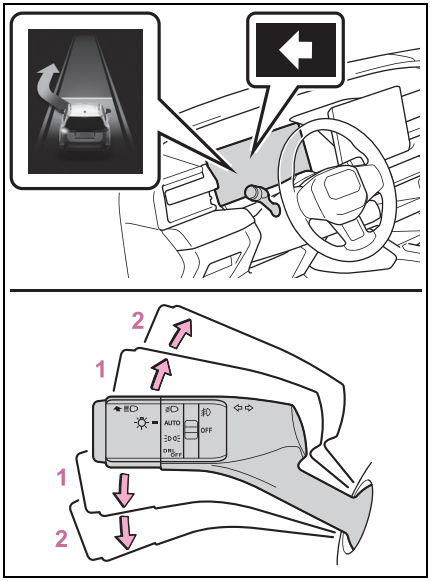
## Operating the LCA

Check that the road conditions are suitable for a safe lane change.

When the LCA indicator is illuminated in white and the turn signal lever is moved to the first position, the lane change direction is displayed and the system operates.

When the lane change is complete, the turn signal light automatically turns off and the LTA operates again.

When changing lanes by moving the turn signal lever to the first position without using the LCA, turn the customize setting of the LCA off.




**1** First position: LCA is operational

**2** Second position: LCA is not operational

### Operating conditions of function

This function is operable when all of the following conditions are met:

- The lane change assist function is enabled by a customize setting.
- The dynamic radar cruise control and The LTA is operating.
- The LCA indicator (white) is illuminated.
- The vehicle speed is between approximately 75 and 140 km/h (45 and 90 mph).
- The steering wheel is not being turned with a large force.
- The vehicle is not accelerating or decelerating more than a certain amount.
- The hands off steering wheel warning (→P.298) is not operating.
- The driver monitor warning (→P.284) is not operating.

- The system recognizes the current road as a highway or expressway.
- The system detects a broken white line on the side which the lane change is to be performed.
- The vehicle is being driven in the center of a lane.
- The vehicle is not being driven around a sharp curve.
- There are no vehicles or structures in the destination lane.
- There are no approaching vehicles near the vehicle.
- The system has detected a moving object behind the vehicle at least once since the hybrid system was started.
- The navigation system map data is correct.

### Cancelation of functions

LCA may be canceled due to various factors, including the following conditions. In these cases, a message may be displayed and the buzzer may sound to indicate that the function has been canceled.

- When the operating conditions (→P.302) are no longer met
- When the system can no longer detect lane lines
- When the turn signal lever is operated to the second position (→P.302)
- When the turn signal lever is operated in the opposite direction of the lane change
- When the system detects operation of the steering wheel or brake pedal by the driver
- The hands off steering wheel warning (→P.303) is operating.

If the system detects that a vehicle is quickly approaching in the lane toward which the turn signal is operated a buzzer will sound and a message will be displayed to alert the driver. At the same time the steering wheel may be slightly operated to help keep the vehicle away from the approaching vehicle.

### Hands off steering wheel warning operation

When the system determines the driver is not holding the steering wheel, a message urging the driver to grip the steering wheel and the icon shown in the illustration will be displayed on the multi-information display to warn the driver. If the system detects that the steering wheel is held, the warning will be canceled. When using the system, make sure to grip the steering wheel firmly, regardless of whether the warning is operating or not.



### Situations in which the hands off steering wheel warning may not operate properly

- Depending on the condition of the vehicle, handle control condition and road surface, the warning function may not operate.
- In the following situations, the system may not be able to detect when the driver's hands are off the steering wheel.
  - When a steering wheel cover is installed
  - When the driver is wearing gloves
  - When foreign matter is attached to the steering wheel
  - When the driver is gripping the wood trim, seam of the leather, spokes, or other part of the steering wheel that does not have sensors
- In the following situations, the hands off steering wheel warning may not operate and the LCA function may continue operating even though the driver's hands are off the steering

wheel:
- When something other than a hand is contacting the steering wheel
- When a wide object or arms are held across the steering wheel

## Enabling/disabling the system

LCA can be enabled/disabled through a customize setting. (→P.615)

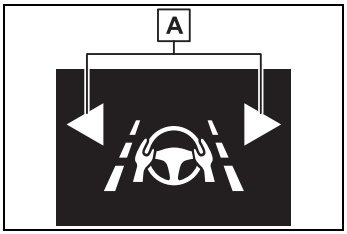
## Displays and system operation

The operating state of the LCA system is indicated.

| Indicator  | LCA display | Situation |
|---|---|---|
| White | No indication | LCA is available if operating conditions (→P.302) are met. |
| Green |  Green arrow and white line | LCA is operating |
| White |  | Approaching vehicle detected while LCA is operating |

### LCA indicator

The LCA indicator is displayed next to the LTA indicator.




A LCA indicator

## LDA (Lane Departure Alert)

**When the vehicle deviates or is likely to deviate from its lane or course*, the system alerts the driver and assists with some steering operations to avoid the deviation.**

**Vehicles with Obstacles Anticipation Assist: When a certain object such as a pedestrian is detected on the road or the side of the road, assistance with some brake and steering operations is provided to help prevent the vehicle from approaching too close to a detected object.**

*: Boundary between the asphalt and grass, soil, etc., or structures, such as a curb, guardrail, etc.

**WARNING**

■ **For safe use**

- Driving safely is solely the responsibility of the driver.

Pay careful attention to the surrounding conditions in order to ensure safe driving.

- LDA is neither an automated driving system nor a system that completely prevents accidents, but a system that assists driving.
- Over-reliance on this system to drive the vehicle safely may lead to an accident resulting in death or serious injury.

Read the following items carefully. Do not overly rely on this system and always drive carefully.

- For safe use: →P.275

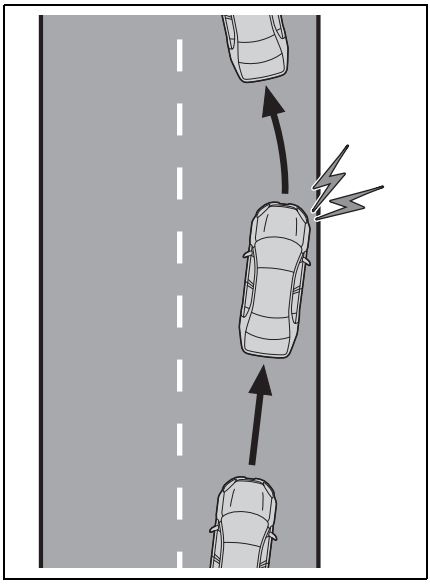
■ **When turning off LDA**

When it is necessary to disable the system: →P.275

## Basic functions

### ■ Lane departure alert function

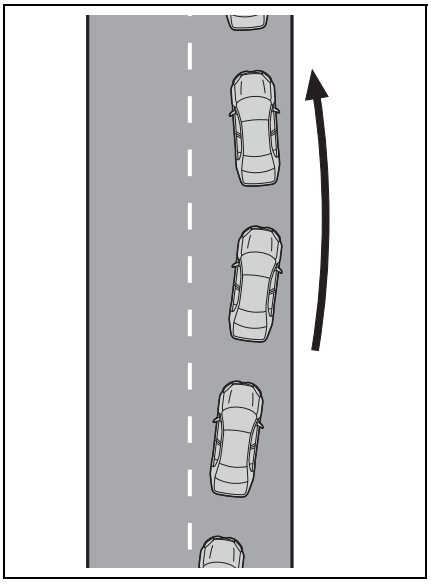
- When the system detects that a vehicle is deviating from its lane or course, it alerts the driver with Vibration, Audible, or Vibration and Audible in addition to a display indication.



### ■ Lane departure prevention function

- When the system determines that the vehicle is likely to deviate from its lane or course, it provides assistance through steering operations to help avoid deviation from the lane or course.

If the system determines that the steering wheel has not been operated for a certain amount of time or the steering wheel is not being firmly gripped, a warning message may be displayed and a warning buzzer may sound to alert the driver.



#### ■ Operating conditions of the lane departure alert function and the lane departure prevention function

The followings are the operating vehicle speeds.

- The vehicle speed is approximately 50 km/h (30 mph) or more.

Operation may be possible when the vehicle speed is approximately 40 km/h (25 mph) or more if vehicles, motorcycles, bicycles, or pedestrians are detected near the lane.

Vehicles with a driver monitor camera: When the system determines that the driver's attention is impaired, operation may be possible when the vehicle speed is approximately 40 km/h (25 mph) or more.

If a curb, guardrail, or other structure is detected, operation may be possible when the vehicle speed is approximately 35 km/h (22 mph) or more.

The lane departure alert function and the lane departure prevention function will not operate in the following situations:

- When LDA is OFF
- When the system can't recognizes a lane or course (When recognized on only one side, the system will operate only for the recognized side.)
- When VSC is turned off
- When the shift position is in R
- When the pre-collision system operates the brake or steering wheel

In the following situations, the lane departure alert function and the lane departure prevention function may not be activated.

When the operating conditions are no longer met during operation, the operation may be temporarily canceled.

- When driving on a narrow lane or course
- When driving on a sharp curve
- During sudden braking or acceleration
- When the turn signal lights are flashing in the same direction as the vehicle's deviation direction.
- If the system determines that the vehicle may collide with a vehicle in an

adjacent lane, the lane departure alert function and the lane departure prevention function will operate even if the turn signal lights are operating.

- When the steering wheel has been operated with more than a certain amount of force
- When a vehicle is unstable
- When the system determines that the driver intentionally deviates from the lane or course. For example, when the driver avoids pedestrians or parked vehicles

### Operation of the lane departure alert function and the lane departure prevention function

- The lane departure prevention function can be overridden by the steering operation of the driver.
- Vehicles with a driver monitor camera: Depending on the driver condition, the lane departure alert function and the lane departure prevention function changes the timing of operation.
- Depending on the vehicle speed, road conditions, etc., the lane departure alert function and the lane departure prevention function may not be noticed.

### Hands off steering wheel warning operation

In the following situations, a message urging the driver to operate the steering wheel and an icon will be displayed and a buzzer will sound to warn the driver. When using the system, make sure to grip the steering wheel firmly, regardless of whether the warning is operating or not.



- When the system determines that the driver is not securely holding the steering wheel, or the steering wheel is not being operated when the steering assist operation of the lane departure prevention function is operating

The length of time that the warning buzzer operates will become longer as the frequency of the steering assist operating increases. Even if the system judges that the steering wheel has been operated after the steering assist ends, the warning buzzer will sound for a certain amount of time.

**WARNING**

### Situations in which the lane departure alert function and the lane departure prevention function may not operate properly

In the following situations, the system may not operate properly and the vehicle may deviate from its lane or course. Do not overly rely on these functions. The driver is solely responsible for paying attention to their surroundings and operating the steering wheel as necessary to ensure safety.

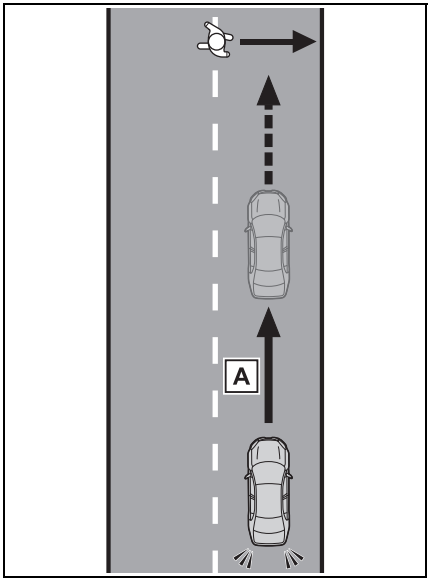
- When the boundary between the asphalt and grass, soil, etc., or structures, such as a curb, guardrail, etc. is not clear or continuous
- When the vehicle is struck by a crosswind or the turbulence of other nearby vehicles
- Situations in which the lane may not be detected: →P.282
- Situations in which the sensors and the systems may not operate properly: →P.280
- Situations in which some or all of the functions of the system cannot operate: →P.282

## OAA (Obstacles Anticipation Assist)*

*: If equipped

- When a certain object such as a pedestrian* is detected crossing the road, assistance with some brake operations is provided in order to reduce the possibility of a collision, in addition to a display indication.

*: Pedestrians, bicycles (Detected as a detectable object when being ridden.)

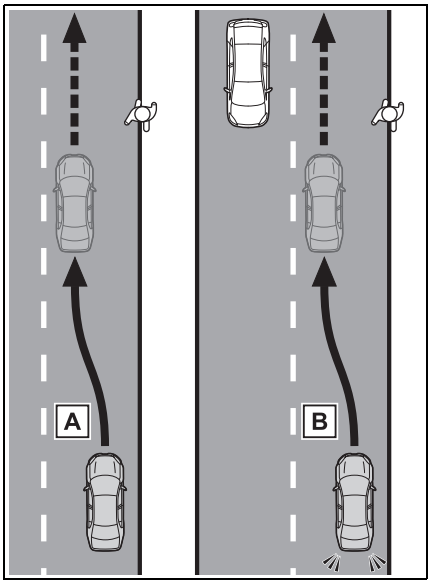



A Deceleration assist

- When a certain object such as a pedestrian* is detected on the side of the road, assistance with some brake and steering operations is provided to help prevent the vehicle from approaching too close to a detected object.

Assistance with steering operations is provided within a range that the vehicle will not deviate from its current lane.

*: Pedestrians, parked vehicles, bicycles (Detected as a detectable object when being ridden.)




A Steering assist

B Deceleration assist and Steering assist

### Operating conditions of Obstacles Anticipation Assist

The followings are the operating vehicle speeds.

- Detectable object crossing the road assistance operates when the vehicle speed is between approximately 30 to 60 km/h (20 to 35 mph)
- Detectable object on the side of the road assistance operates when the vehicle speed is between approximately 30 to 60 km/h (20 to 35 mph)

Obstacles Anticipation Assist will not operate in the following situations:

- When the dynamic radar cruise control or cruise control is operating
- When the pre-collision system is turned off
- When P, R or N shift position is selected

In the following situations, Obstacles Anticipation Assist will stop assisting with the braking operation.

- When the vehicle speed is less than approximately 15 km/h (9 mph)
- When a certain vehicle speed has been reached, as judged by the system, according to the surrounding conditions

In the following situations, Obstacles Anticipation Assist may not be activated.

When the operating conditions are no longer met during operation, the operation may be temporarily canceled.

- When the brake control or output restriction control of a driving support system operates
- When the system determines that a detected object has moved away from the vehicle
- When the brake pedal has been depressed
- When the accelerator pedal has been depressed
- When the steering wheel has been operated with more than a certain amount of force
- When the left or right turn signal lights are flashing

**WARNING**

**■ Situations in which Obstacles Anticipation Assist may not operate properly**

In the following situations, the system may not operate properly.

- When a detectable object stops immediately before entering the path of the vehicle
- When passing extremely close to a detectable object behind a guardrail, fence, etc.
- When changing lanes while overtaking a detectable object
- When passing a detectable object that is changing lanes or turning left/right
- When there are objects (guardrails, power poles, trees, walls, fences, poles, traffic cones, mailboxes, etc.) in the surrounding area
- When there are patterns or a painting ahead of the vehicle that may be mistaken for a detectable object
- When passing through a place with a low structure above the road (tunnel with a low ceiling, traffic sign, signboard, etc.)
- When driving on snowy, icy, or rutted roads
- When a detectable object is approaching your vehicle
- When your vehicle or a detectable object is wandering
- When the movement of a detectable object changes (change in direction, sudden acceleration or deceleration, etc.)
- When suddenly approaching a detectable object
- When there is a structure above a detectable object
- When part of a detectable object is hidden by another object (large luggage, umbrella, guardrail, etc.)
- When multiple detectable objects are overlapping
- When a bright light, such as the sun or headlights of another vehicle, is reflecting off of the detectable object

**WARNING**

- When the detectable object is white and looks extremely bright
- When the color or brightness of the detectable object causes it to blend in with its surroundings
- When a detectable object cuts in front of or emerges from beside a vehicle
- When approaching a vehicle ahead which is perpendicular, at an angle to the vehicle, or is facing the vehicle
- If a parked vehicle is perpendicular or at an angle to the vehicle
- When a bicycle is a child sized, is carrying a large load, is carrying an extra passenger, or has an unusual shape (bicycles equipped with a child seat, tandem bicycles, etc.)
- When a pedestrian or bicyclist is shorter than approximately 1 m (3.2 ft.) or taller than approximately 2 m (6.5 ft.)
- When the silhouette of a pedestrian or bicyclist is unclear (such as when they are wearing a raincoat, long skirt, etc.)
- When a pedestrian or bicyclist is bending forward or squatting
- When a pedestrian or bicyclist is moving at high speed
- When a pedestrian is pushing a stroller, wheelchair, bicycle or other vehicle
- When a detectable object blends in with the surrounding area, such as when it is dim (at dawn or dusk) or dark (at night, in a tunnel, etc.)
- When the lane width is 4 m (13.1 ft.) or more
- When the lane width is 2.5 m (8.2 ft.) or less
- When the vehicle has not been driven for a certain amount of time after the hybrid system was started
- While turning left or right or a few seconds after turning left or right
- While changing lanes or a few seconds after changing lanes
- When entering a curve, driving around a curve and a few seconds after driving around a curve
- Situations in which the lane may not be detected: →P.282
- Situations in which the sensors and the systems may not operate properly: →P.280
- Situations in which some or all of the functions of the system cannot operate: →P.282

## Changing LDA settings

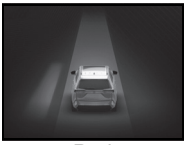
The settings of LDA can be changed through customize settings. (→P.615)

Vehicles with a driver monitor camera: When the system determines that the driver is tired, the lane departure alert function and the lane departure prevention function will operate at the “Earlier” timing, regardless of the customized setting.

The system is enabled each time the power switch is turned to ON.

## Displays and system operation

- The lane departure alert function and the lane departure prevention function will show the following indicator and the operating display on the display depending on the situation.

| Indicator | Operation display | Situation |
|---|---|---|
|   White | Not illuminated | • LDA is turned OFF |
| Not illuminated | Not illuminated | • LDA is turned ON<br>• LDA can not be activated |
|  White | Not illuminated | • LDA is turned ON<br>• LDA can be activated |
|  Red |  Red | • LDA is turned ON<br>• The lane departure alert function and/or the lane departure prevention function is operating for the side which the operation display is lighting. |

- Obstacles Anticipation Assist (if equipped) will show the following indicator lights and icons on the display depending on the situation.

Some icons cannot be displayed unless the display is changed to the driving safety support function information screen.

| Icon | Meaning |
| --- | --- |
|  | A pedestrian or a bicycle has been detected as crossing the road or on the side of the road and brake or steering assistance is operating |
|  | A vehicle has been detected on the side of the road and brake or steering assistance is operating |

## PDA (Proactive Driving Assist)*

*: If equipped

**When a detectable object (→P.313) is detected, the proactive driving assist supports the brake and steering operations.**

**WARNING**

**■ For safe use**

Driving safely is solely the responsibility of the driver.

- The proactive driving assist is designed to provide some assistance for braking and steering operations depending on the situation to help reduce driver operating load. However, the scope of this assistance is limited. The driver should perform brake and steering operations as necessary. Read the following items carefully. Do not overly rely on the proactive driving assist and always drive carefully. (→P.315)
- The proactive driving assist is not a system which reduces the amount of attention necessary for safe driving. Even if the system is operating correctly, the surrounding conditions as recognized by the driver and detected by the system may differ. It is necessary for the driver to pay attention, assess risks, and ensure safety. Over-reliance on this system to drive the vehicle safely may lead to an accident resulting in death or serious injury.
- The proactive driving assist is not a system which allows for inattentive driving and is not a system which assists in poor visibility conditions. The driver is solely responsible for paying attention to their surroundings and driving safely.

**■ When turning off proactive driving assist**

- Situations in which the sensors and the systems may not operate properly: →P.280
- When it is necessary to disable the system: →P.275

### System operating conditions and detectable objects

According to the driving conditions, the operation and detectable objects of the proactive driving assist will change as follows.

| Function | Conditions | Operation | Detectable objects |
|---|---|---|---|
| Steering Assist (SA) | Lane is detected | The system anticipates the driver's operation and supports the operation of the steering wheel. | None |
| Deceleration Assist (DA) | A preceding vehicle or an adjacent vehicle cutting in front of the vehicle is detected | The vehicle is gently decelerated so that the vehicle-to-vehicle distance will not be excessively short. | • Preceding vehicles<br>• Motorcycles |
| | A curve is detected ahead of the vehicle | The vehicle is gently decelerated if the vehicle speed is determined to be too high for the curve ahead. | None |

■ **Vehicle speeds at which the system can operate**

● Steering assistance within a lane

Approximately 10 to 140 km/h (5 to 80 mph)

● Deceleration assistance for preceding vehicle

Approximately 20 to 140 km/h (15 to 80 mph)

● Deceleration assistance for curve

Approximately 20 to 140 km/h (15 to 80 mph)

■ **Situations in which system operation will be canceled**

● In the following situations, system operation will be canceled:
- When the dynamic radar cruise control or cruise control is operating
- When the pre-collision system is off
- When the P, R or N shift position is selected
- The driver's seat belt is unfastened

● In the following situations, the brake operation assist will be canceled:
- Approximately 15 km/h (9 mph) or less
- When a certain vehicle speed has been reached, as judged by the system, according to the surrounding conditions

● In the following situations, system operation may be canceled:
- When the brake control or output restriction control of a driving support system operates (For example: Pre-Collision System, Drive-Start Control)
- When the system determines that a detected object has moved away from the vehicle
- When lane lines can no longer be detected
- When the brake pedal has been depressed
- When the accelerator pedal has been depressed
- When the steering wheel has been operated with more than a certain amount of force
- When the turn signal lever is operated

to the left/right turn position

**WARNING**

■ **Situations in which the system may not operate properly**

- Situations in which the lane may not be detected: →P.282
- When a detectable object stops immediately before entering the path of the vehicle
- When changing lanes while overtaking a detectable object
- When passing a detectable object that is changing lanes or turning left/right
- When there are objects (guardrails, power poles, trees, walls, fences, poles, traffic cones, mailboxes, etc.) in the surrounding area
- When there are patterns or a painting ahead of the vehicle that may be mistaken for a detectable object
- When passing through a place with a low structure above the road (tunnel with a low ceiling, traffic sign, signboard, etc.)
- When driving on snowy, icy, or rutted roads
- When a detectable object is approaching your vehicle
- When your vehicle or a detectable object is wandering
- When the movement of a detectable object changes (change in direction, sudden acceleration or deceleration, etc.)
- When suddenly approaching a detectable object
- When a preceding vehicle or motorcycle is not directly in front of your vehicle
- When there is a structure above a detectable object
- When a detectable object cuts in front of a vehicle
- When approaching a vehicle ahead which is perpendicular, at an angle to the vehicle, or is facing the vehicle
- If a parked vehicle is perpendicular or at an angle to the vehicle
- When the vehicle has not been driven for a certain amount of time after the hybrid system was started
- While turning left or right or a few seconds after turning left or right
- While changing lanes or a few seconds after changing lanes
- When entering a curve, driving around a curve and a few seconds after driving around a curve

## Changing proactive driving assist settings

- The proactive driving assist can be enabled/disabled through a customize setting. (→P.615)
- The settings of the proactive driving assist can be changed through customize settings. (→P.615)

## System operation display

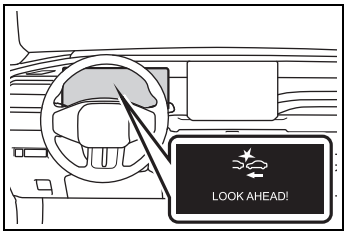
Depending on the situation, the following operations will be displayed.

Some icons cannot be displayed unless the display is changed to the driving safety support function information screen.

| Display | Operation |
|---|---|
|  | Steering assistance is being performed<br>(The brightness increases next to the vehicle during control operation.) |
|  | Deceleration assistance for preceding vehicle is being performed |
|  | Notification to urge maintaining an appropriate vehicle-to-vehicle distance |
|  | Deceleration assistance for curve is being performed |

### Notification after preceding vehicle deceleration assistance has ended

After preceding vehicle deceleration assistance has ended, if the driver does not operate the brake pedal or accelerator pedal and the vehicle approaches the preceding vehicle, the following message will be displayed and a buzzer will sound to urge the driver to decelerate. If the system determines that the driver is operating the brake pedal or accelerator pedal, the notification will be canceled.



## FCTA (Front Crossing Traffic Alert)*

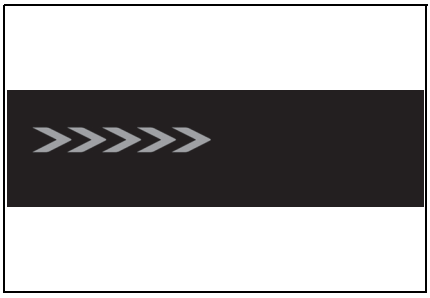
*: If equipped

**When approaching an intersection, etc., at a low speed, vehicles approaching from the left and right of the front of the vehicle can be detected and the driver informed of these vehicles.**

### FCTA system control

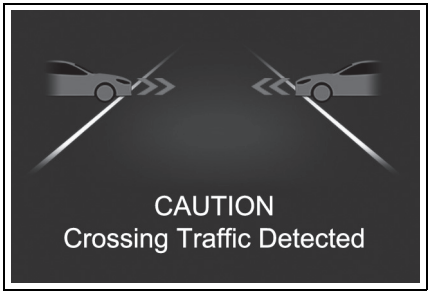
- When the system detects a vehicle approaching from the left or right in front of your vehicle when approaching an intersection, a notification will be displayed.

• Head-up display (if equipped)



- When the system determines that your vehicle may be about to enter an intersection even though a vehicle is approaching from the left or right in front of your vehicle, a buzzer will sound and a message will be displayed to urge you to depress the brake pedal.

• Multi-information display




**WARNING**

**■ For safe use**

Driving safely is solely the responsibility of the driver. Pay careful attention to the surrounding conditions in order to ensure safe driving. The FCTA system is a supplementary system that informs the driver of vehicles approaching from the left and right of the front of the vehicle.

Over-reliance on this system may lead to an accident resulting in death or serious injury. The details of the warning display may differ from the actual traffic conditions. Although the warning display will stop being displayed after a certain amount of time, this does not necessarily indicate that there are no longer any vehicles or pedestrians around your vehicle.

**■ FCTA system operating conditions**

The system will operate when all of the following conditions are met:

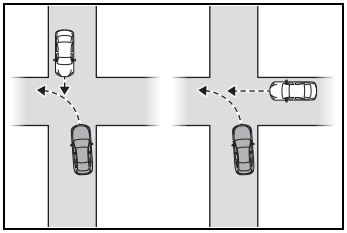
- A shift position other than P or R is selected
- The vehicle speed is approximately 15 km/h (10 mph) or less
- A vehicle is approaching from the left or right in front of your vehicle at a speed between approximately 10 to 60 km/h (7 to 37 mph)
- There are no vehicles in front of your vehicle
- The accelerator pedal is not being strongly depressed

- The brake pedal is not being strongly depressed

### Situations in which the system may operate even though no vehicles are approaching

In certain situations, such as the following, the system may operate even though no vehicles are approaching:

- When approaching objects on the roadside, such as guardrails, traffic signs, utility poles, street lights, trees, tall grass, walls, etc.
- When passing an object on the side of the road, such as a parked vehicle
- When a vehicle or pedestrian is approaching from the left or right in front of your vehicle in the distance
- When a vehicle or pedestrian is moving within a parking spot, etc., next to the lane your vehicle is in
- When a pedestrian or bicyclist is approaching on a sidewalk
- When a vehicle or pedestrian is moving away from your vehicle
- When an approaching vehicle is decelerating or stops
- When an approaching vehicle makes a left/right turn immediately in front of your vehicle
- When a pedestrian is approaching your vehicle
- When an oncoming vehicle makes a right/left turn
- When your vehicle enters an intersection before a vehicle approaching from the left or right in front of your vehicle
- When stopped at traffic light and a vehicle approaches from the left or right in front of your vehicle
- When making a left/right turn in front of an approaching vehicle

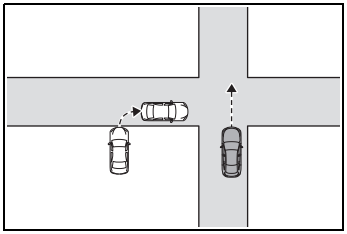


- When an oncoming vehicle approaches and passes
- When being overtaken by another vehicle
- When driving next to another vehicle or a pedestrian
- When a vehicle or pedestrian approaches the side of your vehicle

### Situations in which the system may not operate properly

In situations such as the following, a vehicle may not be detected by a front side radar sensor and the system may not operate properly:

- If an approaching vehicle moves suddenly (sudden steering, acceleration, deceleration, etc.)



- If a vehicle is approaching from the left or right of the front of your vehicle diagonally
- When a vehicle is approaching from the left or right in front of your vehicle in the distance
- When there is an object between your vehicle and an approaching vehicle
- When several vehicles are approaching with little space between them

## Changing FCTA settings

- The FCTA can be enabled/disabled through the customize setting. (→P.615)

## RSA (Road Sign Assist)*

*: If equipped

**The RSA system detects specific road signs using the front camera and/or navigation system (when speed limit information is available) and notifies the driver via displays and buzzers.**

**In order to maintain performance of the speed limit display function, it is necessary to update map data* on a regular basis.**

*: For details about updates, refer to the separate “Multimedia owner’s manual”.

**WARNING**

**■ For safe use**

- Regardless of the availability of RSA display/buzzer, including for conditional speed limits, it is the driver who is solely responsible for driving safely and abiding by the regulations. Therefore, do not overly rely on this system. Pay careful attention to the surrounding conditions in order to ensure safe driving.
- The RSA assists the driver by providing road sign information, but it is not a replacement for the driver’s own vision and awareness.

**■ Situations in which the RSA should not be used**

- When it is necessary to disable the system: →P.275

**WARNING**

**■ Situations in which the system may not operate properly**

● Situations in which the sensors may not operate properly: →P.280

## Display function

- When a traffic sign is detected, the sign will be displayed on the display.
- Multiple signs can be displayed.

Depending on other functions, displayed status may be limited.

RSA and other functions (such as the navigation system) may display different sign information.

### ■ Operating conditions of the display function

Signs will be displayed when the following conditions are met:

● The system has detected a sign

Signs will be disappear when the following conditions are met:

● When the vehicle has traveled a certain distance after passing the sign

● When the system determines that the road being driven on has changed, such as after a left or right turn

### ■ Situations in which the display function may not operate properly

In the following situations, the RSA system may not operate properly and may not detect signs or may display the incorrect sign.

● When a sign is dirty, faded, tilted or bent

● When there is a reflected light or shadow on a traffic sign

● When the contrast of an electronic sign is low

● When all or part of a sign is hidden by a tree, utility pole, etc.

● When there are trees, utility poles, buildings, or signboards behind a traffic sign

● When it is difficult to recognize a traffic sign by the front camera due to sunlight, reflected light, or the headlights of another vehicle

● When it is difficult to recognize a traffic sign by the front camera due to bad weather such as heavy rain, snow, fog, sandstorms, blizzards, etc.

● When a sign is detected by the front camera for a short amount of time (such as when a nearby sign suddenly becomes visible while turning left or right)

● When the driving state (turning, changing lanes, etc.) is judged incorrectly

● When a sign is immediately after a freeway junction or in an adjacent lane just before merging

● When a traffic sign is located far from the vehicle

● When an object similar to the system compatible traffic sign is detected (such as signs, electric signs, signboards, buildings, preceding vehicles with stickers, or directory signs with numbers)

● When a sign for a frontage road is within detection range of the front camera

● When driving around a roundabout

● When a traffic sign for other vehicles such as signs for large vehicles is detected

● When a sign has a supplemental sign (end point, day of week, time of day, etc.)

● When there is a sign within a traffic restricted area, such as a roadworks area

● When there are non-standard or recently introduced signs

- When the navigation system map data is out of date
- When the navigation system cannot be used

## Caution function

In the following situations, the RSA system will output a caution to notify the driver.

- If the vehicle speed exceeds the speed warning threshold of the speed limit sign displayed on the display, the sign display will flash and a buzzer will sound.

Also when the speed limit to be displayed is changed due to the change of driving zones, etc., the sign display will flash and a buzzer will sound to alert the driver.*

*: The customize settings of flashing display and buzzer depends on the country where the vehicle is available.

- When the RSA system detects a no-entry sign (do not enter sign) and determines that the vehicle has entered a no-entry area, the no-entry sign (do not enter sign) displayed on the display will flash and a buzzer will sound.

### Operating conditions of the caution function

- Speed limit caution function

This function will operate when all of the following conditions are met:

- A speed limit sign is recognized by the system
- The vehicle speed exceeds the displayed speed limit by a certain amount

- No entry caution function

This function will operate when all of the following conditions are met:

- Two or more no entry signs are recognized by the system simultaneously
- The vehicle is passing between no entry signs recognized by the system.

## Types of road signs supported

- The following types of objects can 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 a speed limit sign is not available.

- No overtaking road signs



No overtaking begins



No overtaking ends

- Other road signs



No-entry


End of prohibition



Stop

- Speed limit with supplemental mark*


Ice


Exit ramp on right


Exit ramp on left


Time

*: Displayed simultaneously with a speed limit sign.

## Changing the RSA settings

- The settings of the RSA can be changed through customize settings. (→P.615)

The system and some functions are enabled each time the power switch is turned to ON in certain countries.

## Dynamic radar cruise control

**This dynamic radar cruise control detects the presence of vehicles ahead, determines the current vehicle-to-vehicle distance, and operates to maintain a suitable distance from the vehicle ahead. The desired vehicle-to-vehicle distance can be set by operating the vehicle-to-vehicle distance switch.**

**Use the dynamic radar cruise control only on highways and expressways.**

**WARNING**

**■ For safe use**

- Driving safely is solely the responsibility of the driver. Do not overly rely on this system, and pay careful attention to the surrounding conditions in order to ensure safe driving.
- The dynamic radar cruise control provides driving assistance to reduce the driver's burden. However, there are limitations to the assistance provided.

Read the following items carefully. Do not overly rely on this system and always drive carefully.

Conditions under which the system may not operate correctly: →P.328

- Set the speed appropriately according to the speed limit, traffic flow, road conditions, weather conditions, etc. The driver is responsible for confirming the set speed.

**WARNING**

- Even if the system is operating correctly, the condition of a preceding vehicle as recognized by the driver and detected by the system may differ. Therefore, it is necessary for the driver to pay attention, assess risks, and ensure safety. Over-reliance on this system to drive the vehicle safely may lead to an accident resulting in death or serious injury.

### Dynamic radar cruise control system warning messages and buzzers

For safe use: →P.275

### Precautions for the driving assist systems

Observe the following precautions, as there are limitations to the assistance provided by the system. Over-reliance on this system may lead to an accident resulting in death or serious injury.

- Details of support provided for the driver's vision

The dynamic radar cruise control is only intended to help the driver in determining the distance between the driver's own vehicle and a designated preceding vehicle. It is not a system which allows for careless or inattentive driving, and is not a system which assists in poor visibility conditions.

The driver must pay attention to their surroundings, even when the vehicle stops.

- Details of support provided for the driver's judgement

The dynamic radar cruise control determines whether the distance between the driver's own vehicle and a designated preceding vehicle is within a set range. It is not capable of making any other type of judgement. Therefore, it is absolutely necessary for the driver to remain vigilant and to determine whether or not there is a possibility of danger.

- Details of support provided for the driver's operation

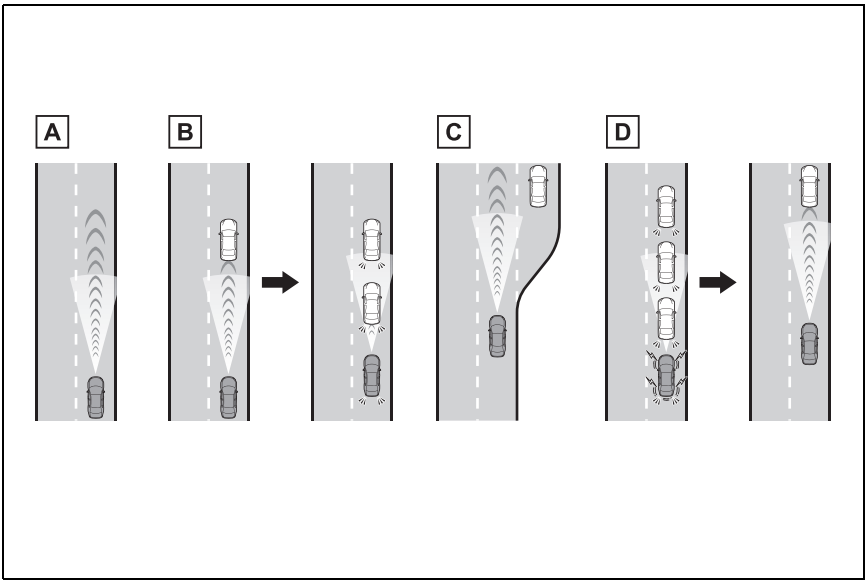
The dynamic radar cruise control does not include functions which will prevent or avoid collisions with vehicles ahead of your vehicle. Therefore, if there is ever any possibility of danger, the driver must take immediate and direct control of the vehicle and act appropriately in order to ensure safety.

### Situations in which the dynamic radar cruise control should not be used

Do not use the dynamic radar cruise control in the following situations. As the system will not be able to provide appropriate control, using it may lead to an accident resulting in death or serious injury.

- Roads where there are pedestrians, cyclists, etc.
- When driving on a highway or expressway entrance or exit
- When the approach warning sounds frequently
- When a passenger or driver is getting in or out of the driver's own vehicle
- Situations in which the sensors and the systems may not operate properly: →P.280
- When it is necessary to disable the system: →P.275

## Basic functions




A Constant speed cruising:
When there are no vehicles ahead

The vehicle drives at the speed set by the driver.

If the set vehicle speed is exceeded while driving down a hill, the set vehicle speed display will blink and a buzzer will sound.

B Deceleration and follow-up cruising:
When a preceding vehicle driving slower than the set vehicle speed is detected

When a vehicle is detected driving ahead of your vehicle, the vehicle automatically decelerates and if a greater reduction in vehicle speed is necessary, the brakes are applied (the stop lights will come on at this time). The vehicle is controlled to maintain the vehicle-to-vehicle distance set by the driver, in accordance with changes in the speed of the preceding vehicle. If vehicle deceleration is not sufficient and the vehicle approaches the vehicle ahead, the approach warning will sound.

C Acceleration:
When there are no longer any preceding vehicles driving slower than the set vehicle speed

The vehicle accelerates until the set vehicle speed is reached and then resumes constant speed cruising.

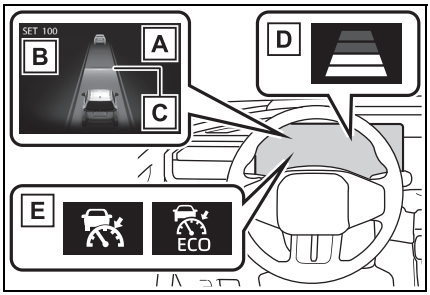
D Starting off:

If a preceding vehicle stops, the vehicle will also stop (controlled stop). After the preceding vehicle starts off, pressing the “RES” switch or depressing the accelerator pedal will resume follow-up cruising (start off operation). If a start off operation is not performed, the controlled stop will continue.

Vehicles with driver monitor and LCA: While driving on a highway or expressway, if a preceding vehicle stops, your vehicle will stop accordingly. On some highways and expressways, if the system determines that the preceding vehicle starts off within approximately 3 minutes of stopping, a buzzer will sound and a message will be displayed on the multi-information display to notify the driver, and your vehicle will start off accordingly following the preceding vehicle. (Extended resume time)

## System components

### Meter display




A Multi-information display

B Set vehicle speed

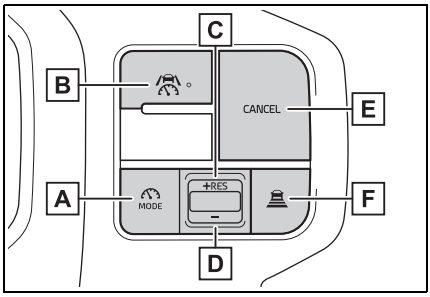
C Vehicle-to-vehicle distance

Moves forward and backward according to the vehicle speed and distance setting.

D Vehicle-to-vehicle distance indicator

E Dynamic radar cruise control indicator/Dynamic radar cruise control eco run mode indicator

### Switches




A Driving assist mode select switch

B Driving assist switch

C “+” switch/“RES” switch

D “-” switch

E Cancel switch

F Vehicle-to-vehicle distance switch

## Using the dynamic radar cruise control

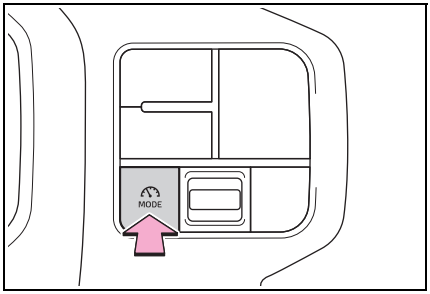
Turn off “Switch to Cruise Control” in the customization settings to disable Cruise control mode.

(→P.615)

■ **Setting the vehicle speed**

1 Press the driving assist mode select switch to select Adaptive cruise control mode.

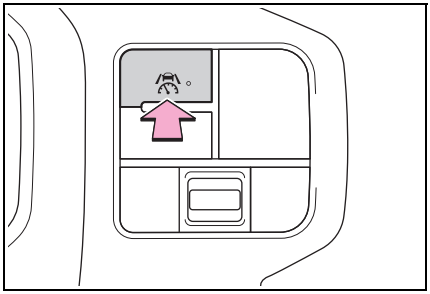
The dynamic radar cruise control indicator will illuminate.




2 Using the accelerator pedal, accelerate or decelerate to the desired vehicle speed (approximately 30 km/h [20 mph] or more), and press the driving assist switch to set the set vehicle speed.

The set vehicle speed will be displayed on the multi-information display.

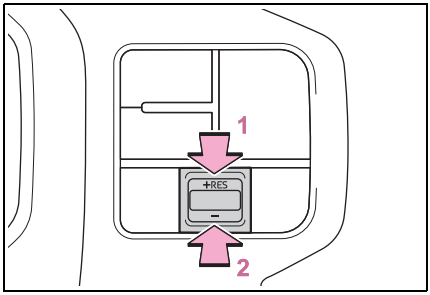
The vehicle speed at the moment the switch is released will be the set vehicle speed.



■ **Adjusting the set vehicle speed**

● Adjusting the set vehicle speed using the switches

To change the set vehicle speed, press the “+” switch or “-” switch until the desired speed is displayed.




1 Increase set vehicle speed

2 Decrease set vehicle speed

Short press adjustment: Press the switch

Long press adjustment: Press and hold the switch until the desired set vehicle speed is reached.

The set vehicle speed will increase or decrease as follows:

Short press adjustment: By 1 km/h (0.6 mph) or 1 mph (1.6 km/h) each time the switch is pressed

Long press adjustment: Increases or decreases in 5 km/h (3.1 mph) or 5 mph (8 km/h) increments continuously while the switch is pressed and held

● Increasing the set vehicle speed using the accelerator pedal

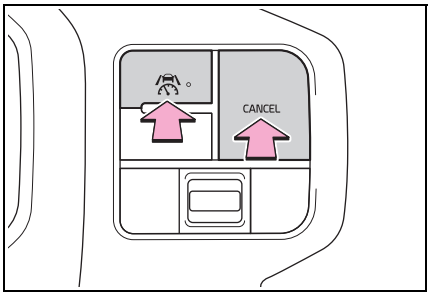
1 Depress the accelerator pedal to accelerate the vehicle to the desired vehicle speed.

2 Press the “+” switch.

### ■ Canceling/resuming control

1 Press the cancel switch or driving assist switch to cancel control.

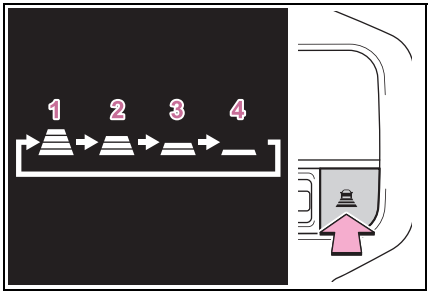
Control will also be canceled if the brake pedal is depressed.
(If the vehicle has been stopped by system control, depressing the brake pedal will not cancel control.)




2 Press the “RES” switch to resume control.

### ■ Changing the vehicle-to-vehicle distance

Each time the switch is pressed, the vehicle-to-vehicle distance setting will change as follows:




| Illustration Number | Vehicle-to-vehicle distance | Approximate Distance (Vehicle Speed: 100 km/h [60 mph]) |
|---|---|---|
| 1 | Extra long | Approximately 60 m (200 ft.) |
| 2 | Long | Approximately 45 m (145 ft.) |
| 3 | Medium | Approximately 30 m (100 ft.) |
| 4 | Short | Approximately 25 m (85 ft.) |

The actual vehicle-to-vehicle distance varies in accordance with the vehicle speed. Also, when the vehicle is stopped by system control, it will be stopped at a certain distance from the preceding vehicle, depending on the situation, regardless of the setting.

#### ■ Operating conditions

- The D shift position is selected.
- The desired set speed can be set when the vehicle speed is approximately 30 km/h (20 mph) or more.
  - If the vehicle speed is set while driving at below approximately 30 km/h (20 mph), the set vehicle speed will be approximately 30 km/h (20 mph).
  - If the vehicle speed is set while driving at a speed that exceeds the system’s upper limit, the set vehicle speed will be the system’s upper limit.

#### ■ Accelerating after setting the vehicle speed

As with normal driving, acceleration can be performed by depressing the accelerator pedal. After accelerating, the vehicle will return to the set vehicle speed. However, while in Adaptive cruise control mode, the vehicle speed may decrease to below the set vehicle speed in order to maintain the distance from the preceding vehicle.

■ **When the vehicle is stopped by system control during follow-up cruising**

- When the “RES” switch is pressed while the vehicle is stopped by system control, if the preceding vehicle starts off within approximately 3 seconds, follow-up cruising will resume.
- If the preceding vehicle starts off within approximately 3 seconds of the vehicle being stopped by system control, follow-up cruising will resume.

■ **Automatic cancellation of Adaptive cruise control mode**

In the following situations, Adaptive cruise control mode will be canceled automatically:

- When the brake control or output restriction control of a driving support system operates
- When the parking brake has been operated
- When the driver’s seat belt is unfastened while driving
- When the Pre-Collision System is disabled
- When the Trail Mode is operated (AWD vehicles)
- When the vehicle is stopped by system control on a steep incline
- When any of the following are detected while the vehicle is stopped by system control:
  - The driver’s seat belt is unfastened
  - The driver’s door is opened
  - Approximately 3 minutes have elapsed since the vehicle was stopped (The parking brake may be actived automatically.)
- When the navigation system cannot be used
- Situations in which some or all of the functions of the system cannot operate: →P.282

■ **Dynamic radar cruise control system warning messages and buzzers**

For safe use: →P.275

■ **“Cruise Control unavailable See owner’s manual” is shown on the multi-information display**

Dynamic radar cruise control is disabled.

A message is displayed when the driving assist switch is pushed repeatedly. Press the driving assist switch quickly and firmly.

■ **Preceding vehicles that the sensor may not detect correctly**

In the following situations, depending on the conditions, if the system cannot provide sufficient deceleration or acceleration is necessary, operate the brake pedal or accelerator pedal.

As the sensor may not be able to correctly detect these types of vehicles, the approach warning (→P.330) may not operate.

- When a vehicle cuts in front of your vehicle or changes lanes away from your vehicle extremely slowly or quickly
- When changing lanes
- When a preceding vehicle is driving at a low speed
- When a vehicle is stopped in the same lane as the vehicle
- When a motorcycle is traveling in the same lane as the vehicle

■ **Conditions under which the system may not operate correctly**

In the following situations, operate the brake pedal (or accelerator pedal, depending on the situation) as necessary.

As the sensor may not be able to correctly detect a vehicle, the system may not operate properly.

- When a preceding vehicle brakes suddenly

- When changing lanes at low speeds, such as in a traffic jam

**■ Deceleration for motorcycle and pedestrian (if equipped)**

When motorcycle or pedestrian is detected, the system may decelerate.

If the vehicle approaches motorcycle or pedestrian without deceleration sufficiently, an approaching warning may sound.

**■ Conditions for extended resume time (vehicles with driver monitor camera and LCA)**

Extended resume time is activated when all of the following conditions are satisfied:

- The vehicle is driving on a vehicle-only road, such as an expressway.
- There is a preceding vehicle and the system is able to detect it.
- No vehicle interruptions occur.
- The preceding vehicle has not been replaced.
- Parking assist-sensor and Front side radar sensors are not detecting the object in front of you.
- The driver monitor camera has not been turned off.
- The driver monitor judges that the driver is looking forward.
- The steering wheel has not been operated.
- The brake pedal has not been operated.

**■ Switching the driving assist mode**

When “Switch to Cruise Control” is turned OFF, you can select Adaptive cruise control mode or Adaptive cruise control eco run mode as the driving assist mode. (Cruise control mode cannot be selected)

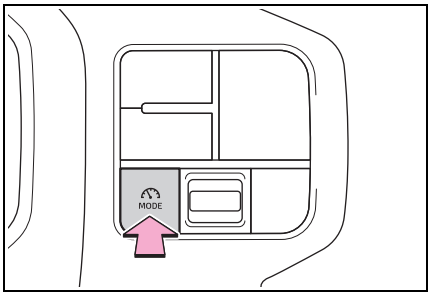
It is possible to switch between Adaptive cruise control mode and Adaptive cruise control eco run mode while the driving assist mode is active.

## Dynamic radar cruise control eco run mode

The acceleration suppression and the air drag reduction effect display assist in eco-driving (driving that considers the environment).

**■ Using the dynamic radar cruise control eco run mode**

Press the driving assist mode select switch to select Adaptive cruise control eco run mode.




The Dynamic radar cruise control eco run mode indicator will illuminate.




The methods for setting the speed, changing the set speed and vehicle-to-vehicle distance, and canceling or restoring the control are the same as for Adaptive cruise control mode. (→P.325)

The basic functions in Adaptive cruise control mode operate the same as those in Adaptive cruise control eco run mode. (→P.324)

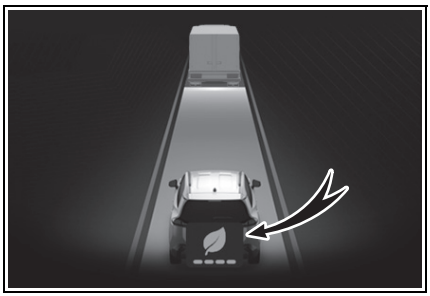
**■ Acceleration suppression**

Acceleration is reduced according to the conditions to assist eco driving.

### ■ Air drag reduction effect display

The air drag reduction effect that the vehicle obtains from the preceding vehicle is displayed on the meter in 5 levels (effect 0 to 4).

By following a leading vehicle with a high air drag reduction effect, it becomes easier to eco-driving.



● Effect 0 display

Effect 0 is displayed under the following conditions.

- When the vehicle speed is low
- When there is no preceding vehicle
- When the air drag reduction effect of the preceding vehicle is low
- When the accelerator pedal is being operated
- When an approach warning has been issued

● Effect 1 - 4 display

When the vehicle speed reaches approximately 60 km/h (40 mph) or more, the display of effect 1 to 4 starts, which is calculated based on the size of the preceding vehicle and the vehicle-to-vehicle distance.

### ■ About air drag reduction effect display

- This is displayed only while using Adaptive cruise control eco run mode.
- The display is a guideline based on the actual wind shield effect and serves as reference information for eco-driving, but it does not guarantee effectiveness.
- Do not focus excessively on this display and always pay attention to the road conditions in front and surrounding vehicles to ensure safe driving by keeping a vehicle-to-vehicle distance appropriate for the surrounding conditions.

## Approach warning

In situations where the vehicle approaches a preceding vehicle and the system cannot provide sufficient deceleration, such as if a vehicle cuts in front of the vehicle, a warning display will flash and a buzzer will sound to alert the driver. Depress the brake pedal to ensure appropriate vehicle-to-vehicle distance.

### ■ Warnings may not occur when

In the following situations, the warning may not operate even though the vehicle-to-vehicle distance is short.

- When the preceding vehicle is traveling at the same speed or faster than your vehicle
- When the preceding vehicle is traveling at an extremely low speed
- Immediately after the vehicle

speed has been set

- When the accelerator pedal is depressed

## Curve speed reduction function

When a curve is detected, the vehicle speed will begin being reduced. When the curve ends, the vehicle speed reduction will end.

Depending on the situation, the vehicle speed will then return to the set vehicle speed.

In situations where vehicle-to-vehicle distance control needs to operate, such as when a preceding vehicle cuts in front of your vehicle, the curve speed reduction function will be canceled.




A Curve speed reduction control display

### Situations in which the curve speed reduction function may not operate

In situations such as the following, the curve speed reduction function may not operate:

- When the vehicle is being driven around a gentle curve
- When the accelerator pedal is being depressed
- When the vehicle is being driven around an extremely short curve

## Overtaking prevention function (if equipped)

If a detected vehicle in the passing lane is traveling slower than your vehicle, overtaking will be suppressed.

The overtaking prevention function will not operate if the passing lane is congested or vehicles are traveling at low speeds.

This function is not available for vehicles without a DCM.

## Driver Monitor support function (if equipped)

While a warning of the driver monitor is being displayed, the vehicle acceleration will be restrained.

When the warning of the driver monitor disappears, the restrained acceleration control will end.

## Support for lane change

If your vehicle is being driven at approximately 80 km/h (50 mph) or more and a lane change to the passing lane is performed, when the turn signal lever is operated and the lane is changed, the vehicle will accelerate up to the set speed to assist in overtaking.

For vehicles with a DCM: The system's recognition of which lane is the passing lane is determined by location informa-

tion and the driving condition of surrounding vehicles. The support for lane change function and overtaking prevention function may not operate if it is difficult to obtain location information or there are few surrounding vehicles.

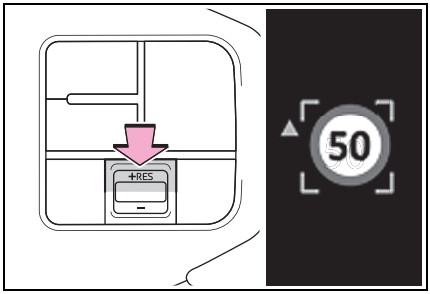
For vehicles without a DCM: The system's recognition of which lane is the passing lane may be based solely on the location of the steering wheel in the vehicle (left-hand drive/right-hand drive). If the vehicle is driven in a location where the passing lane is on the opposite side of that where the vehicle was originally sold, the vehicle may accelerate when the turn signal lever is operated away from the passing lane. (e.g. The vehicle was manufactured to be driven on roads for right-hand drive vehicles [that overtake on the right], but is being used on roads for left-hand drive vehicles [that overtake on the left]. In this case, the vehicle may accelerate when the turn signal lever is operated to the right.)

If your vehicle is being driven at approximately 80 km/h (50 mph) or more and the lane is changed to that with a vehicle traveling slower than your vehicle, when the turn signal lever is operated the vehicle will gradually decelerate to assist in changing lanes.

## Dynamic radar cruise control with Road Sign Assist (if equipped)

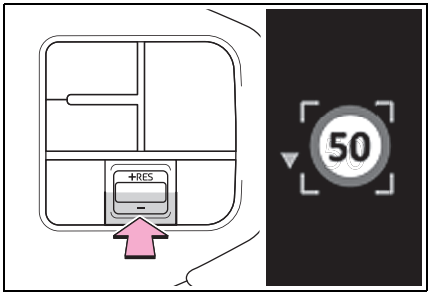
When RSA function is enabled and the dynamic radar cruise control system is operating, if a speed limit sign is detected, the detected speed limit will be displayed with an up/down arrow. The set speed can be increased/reduced to the detected speed limit by pressing and holding the "+" switch or "-" switch.

### ■ When the set speed is lower than the detected speed limit




Press and hold the "+" switch.

### ■ When the set speed is higher than the detected speed limit




Press and hold the "-" switch.

#### ■ The dynamic radar cruise control with road sign assist may not operate properly when

As the dynamic radar cruise control with road sign assist may not operate properly in situations where the RSA may not operate or cannot detect signs correctly (→P.320), when using this function, make sure to confirm the actual speed limit.

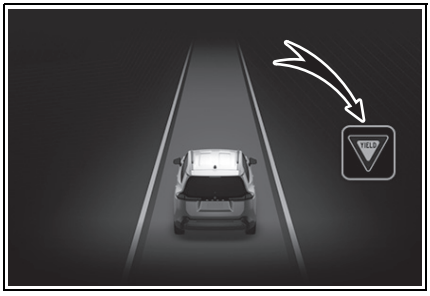
In the following situations, the set speed

may not change to the detected speed limit by pressing and holding the "+" switch or "-" switch:

- When speed limit information is not available
- When the detected speed limit is the same as the set speed
- When the detected speed limit is outside of the speed range which the dynamic radar cruise control system can operate

## Radar Cruise Control (Map Integration Feature) (for vehicles equipped with a navigation system)

While the radar cruise control is active (→P.325), it utilizes map information from the navigation system to help maintain a suitable speed for the route. When in operation, icons corresponding to the situation will be displayed



### ■ Curve Deceleration Assistance

If the system determines that the speed is too high for a curve ahead of the vehicle, it will begin to decelerate in advance.



Depending on the conditions, it will return to the set speed.

If the priority shifts to following another vehicle due to merging, deceleration assistance will end.

### ■ Intersection/Toll booth assist

If the system detects the presence of T-intersections, roundabouts, yield signs, stop signs, or toll booths ahead of the vehicle, it will begin to decelerate in advance.

T-intersections



Roundabouts



Yield signs




Stop signs




Toll booths



Depending on the conditions, it will return to the set speed.

If the priority shifts to following another

vehicle due to merging, deceleration assistance will end.

You can cancel this assistance by performing the following action:

- Pressing the accelerator pedal near the set speed while the control target display is active.

### Precautions for Map Integration Feature

- The radar cruise control (map integration feature) does not provide assistance that results in stopping the vehicle.
- Decelerating to the necessary speed may not be possible, depending on the vehicle speed and surrounding road environment.
- If there are multiple control targets in front of the vehicle, the system provides assistance for the target for which it determines that deceleration is necessary.

In the following situations, the radar cruise control (map integration feature) may not operate correctly.

- When traveling on an unmapped road or a road whose map has not been updated
- When the navigation system cannot identify a unique position for the vehicle (e.g., When traveling on a road next to a parallel road).
- When route guidance is not activated.
- When the vehicle enters a road different from the route guidance and the system is searching for the new road
- When GPS reception is poor.
- When using the TV kit
- When using a navigation system that is not a genuine product.
- When driving on a road other than a highway or similar road.
- When driving on roads outside the designated area.
- When driving within service areas or parking areas[*1, 2].

[*1]: For Ireland, United Kingdom, Italy, Estonia, Austria, Netherlands, Cyprus, Greece, Croatia, Sweden, Spain, Slovakia, Slovenia, Czech Republic, Denmark, Germany, Norway, Hungary, Finland, France, Bulgaria, Belgium, Poland, Portugal, Malta, Latvia, Lithuania, Romania, Luxembourg

[*2]: The countries and areas for each region listed are current as of December 2025. However, depending on when the vehicle was sold, the countries and areas of each region may be different. Contact your Toyota dealer for details.

- When driving on roads with continuous curves.
- When there are signs installed at places other than intersections.
- When driving toward a toll booth that does not have gate
- When driving through an open T-junction or crossroad.
- When driving toward a signed intersection that has traffic lights
- When driving through a branching point or merging point
- When driving near forks in the road or intersections.

Be careful of the following when canceling intersection assist with an accelerator pedal operation.

- Once assist is canceled with an accelerator pedal operation, control will not be performed again for that target.
- If there are consecutive control targets and control is canceled for the first target ahead, assist may start for the next control target.

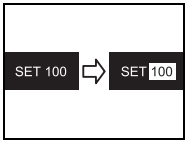
## Changing Dynamic radar cruise control settings

The settings of Dynamic radar cruise control can be changed through customize settings. (→P.615)

## Display and system operation state

The operating state of Dynamic radar cruise control is indicated.

| Indicator | | Multi-information display | | Situation |
|---|---|---|---|---|
| Adaptive Cruise Control Mode  Distance  | Adaptive Cruise Control Eco Run Mode   Distance  | | | |
| White | White |  | Blank | Dynamic radar cruise control being OFF |
| Green | Green |   | Vehicle-to-vehicle distance setting: Green<br>Set vehicle speed: Green | Constant speed cruising |
| Green | Green |   | Vehicle-to-vehicle distance setting: Green<br>Set vehicle speed: Green<br>Control target: White | Follow-up cruising |

| Indicator | | Multi-information display | | Situation |
|---|---|---|---|---|
| Adaptive Cruise Control Mode  | Adaptive Cruise Control Eco Run Mode  | | | |
| Distance  | Distance  | | | |
| Green | Green |   | Vehicle-to-vehicle distance setting: Red<br>Set vehicle speed: Green<br>Control target: Red flashing | Approach warning |
| Green | Green |   | Vehicle-to-vehicle distance setting: Gray<br>Set vehicle speed: White<br>Control target: Gray | Accelerating with the accelerator pedal |
| Green | Green |   | Set vehicle speed: Emphasized display | Set vehicle speed being exceeded |
| Green | Green |   | Vehicle-to-vehicle distance setting: Gray<br>Set vehicle speed: White<br>Control target: Gray | Vehicle in controlled stop |
| Green | Green |   | Control target: Red | Pedestrian display |

- The type of object displayed may change depending on the recognition

status.

- There may be differences between the head-up display (if equipped) and the Multi-information display.
- When the approach warning is displayed, the road surface may also flash depending on the selected meter display type.

## Cruise control

**The vehicle can be driven at a set speed even if the accelerator pedal is not depressed.**

**Use the cruise control only on highways and expressways.**

**WARNING**

■ **For safe use**

- Driving safely is solely the responsibility of the driver. Therefore, do not overly rely on this system. The driver is solely responsible for paying attention to the vehicle's surroundings and driving safely.
- Set the speed appropriately according to the speed limit, traffic flow, road conditions, weather conditions, etc. The driver is responsible for confirming the set speed.

■ **Situations in which cruise control should not be used**

Do not use the cruise control in the following situations. As the system will not be able to provide appropriate control, using it may lead to an accident resulting in death or serious injury.

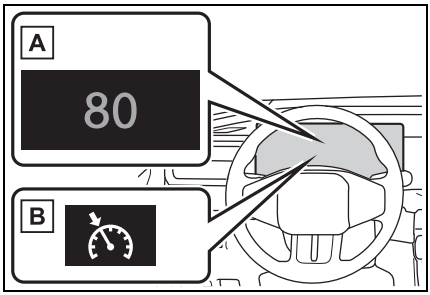
- On roads with sharp bends
- On winding roads
- On slippery roads, such as those covered with rain, ice or snow
- On steep downhills, or where there are sudden changes between sharp up and down gradients

Vehicle speed may exceed the set speed when driving down a steep hill.

- When it is necessary to disable the system: →P.275

## System components

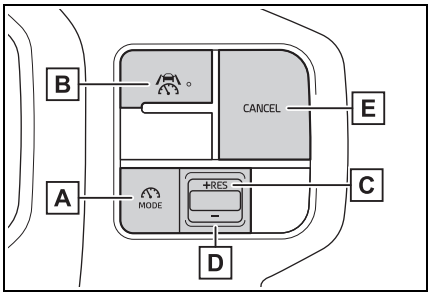
■ **Meter display**




A Set vehicle speed

B Cruise control indicator

■ **Switches**




A Driving assist mode select switch

B Driving assist switch

C "+" switch / "RES" switch

D "-" switch

E Cancel switch

## Using the cruise control

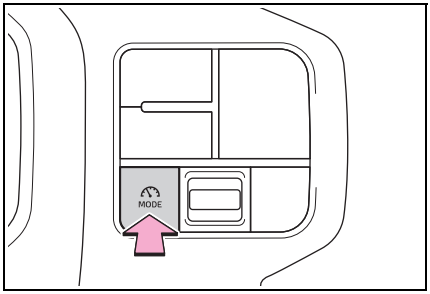
Turn on "Switch to Cruise Control" in the customization settings to enable Cruise control mode.

(→P.615)

### ■ Setting the vehicle speed

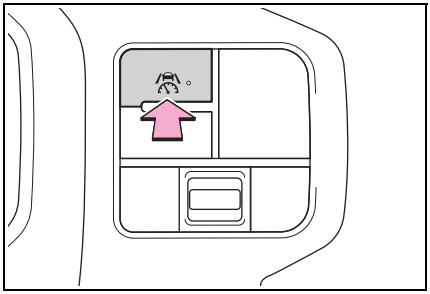
1 Press the driving assist mode select switch to select Cruise control mode.

The cruise control indicator will illuminate.




2 Using the accelerator pedal, accelerate to the desired vehicle speed (approximately 30 km/h [20 mph] or more), and press the driving assist switch to set the set vehicle speed.

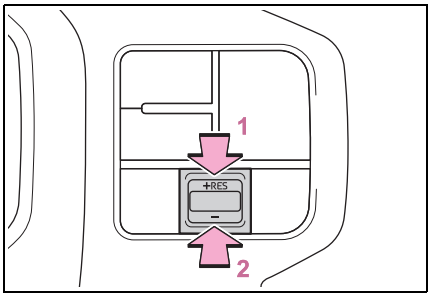
The vehicle speed at the moment the switch is released will be the set vehicle speed.



### ■ Adjusting the set vehicle speed

- Adjusting the set vehicle speed using the switches

To change the set vehicle speed, press the "+" or "-" switch until the desired speed is displayed.




1 Increase set vehicle speed

2 Decrease set vehicle speed

The set vehicle speed will increase or decrease as follows:

Fine adjustment: By 1 km/h (0.6 mph) or 1 mph (1.6 km/h) each time the switch is pressed

Large adjustment: Increases continuously while the switch is pressed and held

- Increasing the set vehicle speed using the accelerator pedal

1 Depress the accelerator pedal to accelerate the vehicle to the desired vehicle speed.

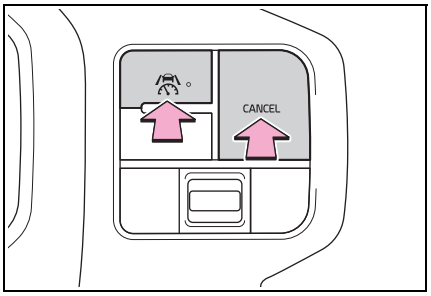
2 Press the "+" switch.

### ■ Canceling/resuming control

1 Press the cancel switch or driving assist switch to cancel control.

Control will also be canceled if the

brake pedal is depressed.




2 Press the “RES” switch to resume control.

■ **Automatic cancellation of the cruise control**

In the following situations, the cruise control will be canceled automatically:

- When the vehicle speed drops approximately 16 km/h (10 mph) or more below the set vehicle speed
- When the vehicle speed drops below approximately 30 km/h (20 mph)
- When the brake control or output restriction control of a driving support system operates
- When the Trail Mode is operated (AWD vehicles)
- When the parking brake has been operated
- When the driver’s seat belt is unfastened
- Situations in which some or all of the functions of the system cannot operate: →P.282

■ **Switching the driving assist mode**

When “Switch to Cruise Control” is turned ON, you can select Cruise control mode as the driving assist mode. (Adaptive cruise control mode and Adaptive cruise control eco run mode cannot be selected.)

The driving assist mode cannot be switched when the Cruise control mode is active. To switch to another driving assist mode, it is necessary to deactivate the Cruise control mode first.

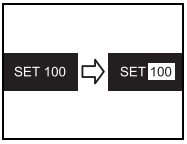
■ **“Cruise Control unavailable See owner’s manual” is shown on the multi-information display**

Cruise control is disabled.

A message is displayed when the driving assist switch is pushed repeatedly. Press the driving assist switch quickly and firmly.

## Display and system operation state

The operating state of cruise control is indicated.

| Indicator  | Multi-information display | | Situation |
|---|---|---|---|
| White |  | Blank | Cruise control being OFF |
| Green |  | Set vehicle speed: Green | Constant speed cruising |
| Green |  | Set vehicle speed: Emphasized display | Set vehicle speed being exceeded |

## Emergency Driving Stop System

**The emergency driving stop system is a system which automatically decelerates and stops the vehicle within its lane if the driver becomes unable to continue driving the vehicle, such as if they have suffered a medical emergency, etc.**

**During LTA (Lane Tracing Assist) operates, if the system does not detect driving operations, such as if the driver is not holding the steering wheel, and determines the driver is not responsive, the vehicle will be decelerated and stopped within its current lane to help avoid a collision or reduce the impact of a collision.**

**WARNING**

■ **For safe use**

- Driving safely is solely the responsibility of the driver. Pay careful attention to the surrounding conditions in order to ensure safe driving. The emergency driving stop system is designed to provide support in an emergency where it is difficult for the driver to continue driving, such as if they have had a medical emergency. It is not designed to support driving while drowsy or in poor physical health, or inattentive driving.
- Although the emergency driving stop system is designed to decelerate the vehicle within its lane to help avoid or help reduce the impact of a collision if the system determines that it is difficult for the driver to continue driving, its effectiveness may change according to various conditions. Therefore, it may not always be able to achieve the same level of performance. Also, if the operating conditions are not met, this function will not operate.
- After the emergency driving stop system operates, if driving becomes possible again, immediately begin driving again or, if necessary, park the vehicle on the shoulder of the road and set a warning reflector and flare to warn other drivers of your stopped vehicle.
- After this system operates, passengers should attend to the driver as necessary and take appropriate hazard prevention measures, such as moving to a place where safety can be ensured, such as the shoulder of the road or behind a guardrail.
- This system detects the condition of the driver through the operation of the steering wheel. This system may operate if the driver is aware but intentionally and continuously does not operate the vehicle. Also, the system may not operate if it cannot determine that the driver is not responsive, such as if they are leaning on the steering wheel.

### Summary of the system

Operation of this system is separated into 3 control states. Through control state warning phase, the system determines if the driver is

aware and responsive while outputting a warning and controlling the vehicle speed. If the system determines the driver is not responsive, it will operate in control state “deceleration stop phase” and “stop hold phase” and decelerate and stop the vehicle. It will then operate continuously in “stop hold phase”.

■ **Operating conditions**

This system operates when all of the following conditions are met:

- When LTA and dynamic radar cruise control are activated
- When the vehicle speed is approximately 35 km/h (22 mph) or more

■ **Operation cancelation conditions**

In the following situations, system operation will be canceled:

- When driver operation is detected (emergency flasher switch is operated, the steering wheel and the pedal [brake pedal or accelerator pedal] are operated.)
- When the shift position is set to P while in the stop hold phase
- When the parking brake is operated while in the stop hold phase
- When the brake pedal is operated and the parking brake is canceled while in the stop hold phase
- When the power switch has been turned to OFF

■ **Accelerator pedal operation while the system is active**

Acceleration cannot be performed by operating the accelerator pedal while the system is active

■ **LTA and dynamic radar cruise control when operation is canceled**

When emergency driving stop system operation is canceled, LTA and dynamic radar cruise control are canceled.

## Warning phase

After entering the warning phase, a buzzer will sound in short intervals and a message will be displayed to warn the driver, and the vehicle will slowly decelerate. If driving operations such as the steering wheel and pedal operation are not performed within a certain amount of time, the system will determine that the driver is not responsive and enter the deceleration stop phase.

When the vehicle is decelerating, the brake lights may illuminate, depending on the road conditions, etc.

## Deceleration stop phase

After the system determines that the driver is not responsive, it warns the driver by continuously sounding a buzzer and displaying a message, and then decelerates the vehicle to a stop. While the vehicle is decelerating, the emergency flashers (hazard lights) will flash to warn other drivers of the emergency.

## Stop hold phase

After the vehicle is stopped, the parking brake will be applied automatically. After entering the stop hold phase, the buzzer will continue sounding continuously, the emergency flashers (hazard lights) will

flash to warn other drivers of the emergency, and the doors will unlock.

■ **Restricted functions after the operation is canceled**

After shifting to the deceleration stop phase, the following functions will not be available until the hybrid system is restarted even though the emergency driving stop system is canceled:

- LTA
- LCA (if equipped)

## Speed limiter*

*: If equipped

**A desired maximum speed can be set using the speed limiter switch. The speed limiter prevents the vehicle speed from exceeding the set speed.**

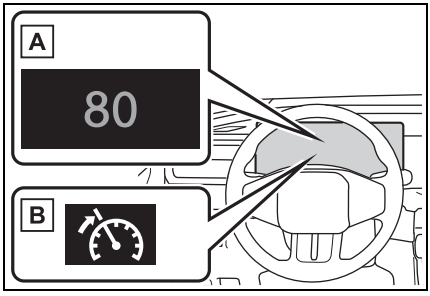
**WARNING**

■ **Situations in which speed limiter should not be used**

- Situations in which the sensors and the systems may not operate properly: →P.280
- When it is necessary to disable the system: →P.275

### System Components

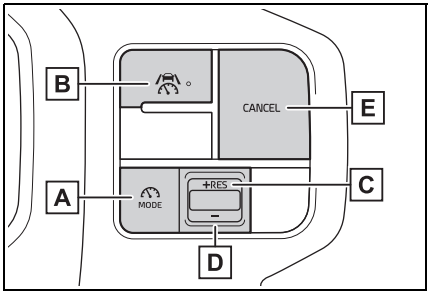
■ **Meter display**




A Set vehicle speed

B Speed limiter indicator

■ **Switches**




A Driving assist mode select switch

B Driving assist switch

C "+" switch / "RES" switch

D "-" switch

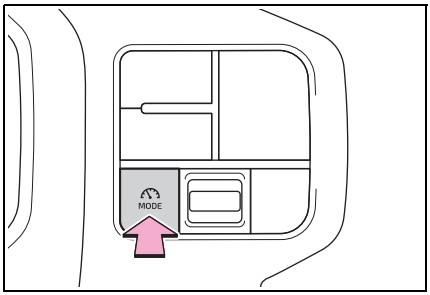
E Cancel switch

## Using the speed limiter

■ **Setting the maximum vehicle speed**

1 Press the driving assist mode select switch to select the speed limiter mode.

The speed limiter indicator will illuminate.

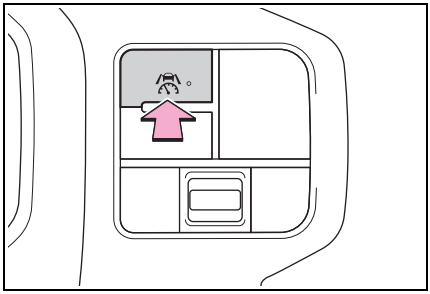



2 Accelerate or decelerate to the desired vehicle speed, and press the driving assist switch to set the maximum vehicle speed and activate the speed limiter.

The color of the speed limiter indicator will change.

The set vehicle speed will be displayed on the multi-information display.
If the vehicle speed is set while driving at below approximately 30 km/h (20 mph), the set vehicle speed will be set to approximately 30 km/h (20 mph).

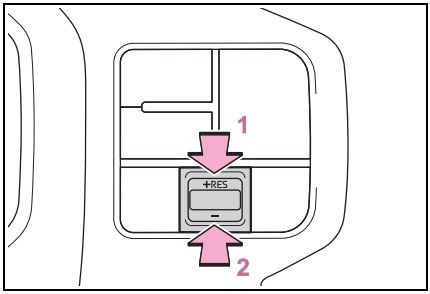
Press the cancel switch or driving assist switch to cancel control.



The speed limiter does not activate when the shift position is in R.
The speed limiter does not activate when the driving assist switch is pressed continuously.

■ **Adjusting the set vehicle speed**

To change the set vehicle speed, press the "+" switch or "-" switch until the desired speed is displayed.




1 Increase set vehicle speed

2 Decrease set vehicle speed

Short press adjustment: Press the switch

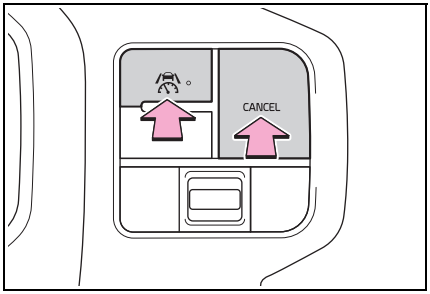
Long press adjustment: Press and hold the switch until the desired set vehicle speed is reached.

The set vehicle speed will increase or decrease as follows:

Short press adjustment: By 1 km/h (0.6 mph) or 1 mph (1.6 km/h) each time the switch is pressed

Long press adjustment: Increases or decreases in 5 km/h (3.1 mph) or 5 mph (8 km/h) increments continuously while the switch is pressed and held

### ■ Canceling/resuming control




1 Press the cancel switch or driving assist switch to cancel control.

2 Press the “RES” switch to resume control.

When the control is canceled or resumed, the color of the speed limiter indicator will change.

When the set vehicle speed is not displayed, the speed limiter will not activate.

---

**■ Exceeding the set speed**

In the following situations, if the vehicle speed exceeds the set vehicle speed, the displayed set vehicle speed will be highlighted:

- When the accelerator pedal is deeply depressed
- When going downhill

**■ When TRC and VSC are turned off**

The speed limiter will not operate. To use the speed limiter, enable TRC and VSC.

**■ Automatic cancellation of the speed limiter**

- Situations in which some or all of the functions of the system cannot operate: →P.282

**■ “Speed Limiter unavailable See owner’s manual” is shown on the multi-information display**

- The shift position may be in R. Shift the shift position to something other than R.
- The driving assist switch is pushed repeatedly. Press the driving assist switch quickly and firmly.

**■ When the indicator shows a malfunction**

When the indicator shows a malfunction, it may be available for normal use. In that case, the vehicle speed may exceed the set vehicle speed when going downhill.

**■ Changes in brake operation sound and pedal response**

→P.282

**■ Switching the driving assist mode selection**

The driving assist mode cannot be switched when the speed limiter is active. To switch to another driving assist mode, it is necessary to deactivate the speed limiter first.

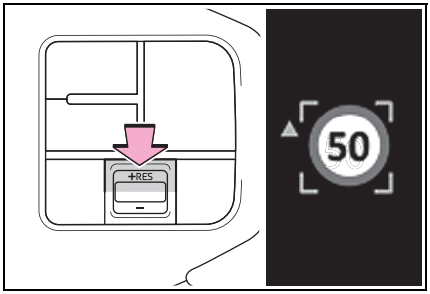
## Speed limiter with Road Sign Assist

When RSA function is enabled and the speed limiter is operating, if a speed limit sign is detected, the

detected speed limit will be displayed with an up/down arrow. The set vehicle speed can be increased/reduced to the detected speed limit by pressing and holding the “+” or “-” switch.

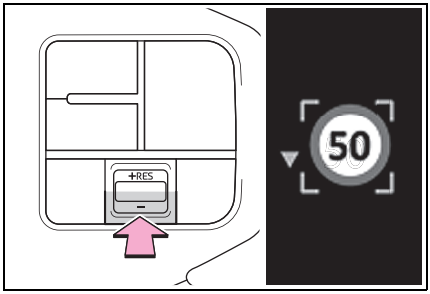
■ **When the set vehicle speed is lower than the detected speed limit**

Press and hold the “+” switch.




■ **When the set vehicle speed is higher than the detected speed limit**

Press and hold the “-” switch.




■ **The speed limiter with road sign assist may not operate properly when**

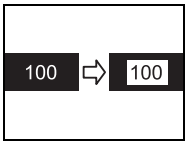
As the speed limiter with road sign assist may not operate properly in situations where the RSA may not operate or cannot detect signs correctly (→P.320), when using this function, make sure to confirm the actual speed limit.

In the following situations, the set speed may not change to the detected speed limit by pressing and holding the “+” switch or “-” switch:

- When the detected speed limit is the same as the set speed
- When the detected speed limit is outside of the speed range which the speed limiter system can operate

## Display and system operation state

The operating state of speed limiter is indicated.

| Indicator  | Multi-information display | | Situation |
|---|---|---|---|
| White |  | Set vehicle speed: White | Speed limiter being OFF |
| Green |  | Set vehicle speed: Green | Vehicle speed limiting |
| Green |  | Set vehicle speed: Emphasized display | Set vehicle speed being exceeded |

## BSM (Blind Spot Monitor)

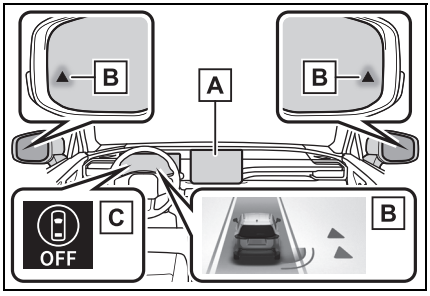
**The Blind Spot Monitor is a system that uses radar sensors installed on the inner side of the bumper to assist drivers in confirming safety when changing lanes or turning left or right.**

**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** Multimedia Display

Turning the Blind Spot Monitor on/off.

**B** Outside rear view mirror indicators and meter display

When a vehicle is detected in a blind spot of the outside rear view mirrors or approaching rapidly from behind into a blind spot, the outside rear view mirror indicator (→P.102) on the detected side will illuminate. If the turn signal lever is operated toward the detected side, the outside rear view mirror indicator will flash, a buzzer will sound, and an icon will be displayed on the meter. (→P.102)

**C** Driving assist OFF indicator

Illuminates when the Blind Spot Monitor is turned off. At this time, a message will be displayed on the multi-information display.

**■ Outside rear view mirror indicator visibility**

In strong sunlight, the outside rear view mirror indicator may be difficult to see.

**■ Buzzer**

If the volume setting of the audio system is high or the surrounding area is loud, it may be difficult to hear the buzzer.

**■ Customization**

Some functions can be customized. (→P.615)

**WARNING**

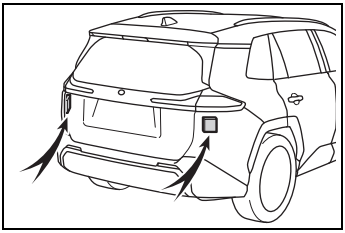
**■ To ensure the system can operate properly**

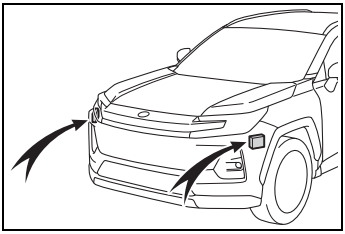
Blind Spot Monitor sensors are installed behind the left and right sides of the bumper respectively. Observe the following to ensure the Blind Spot Monitor can operate correctly.

**WARNING**

- Keep the sensors and the surrounding areas on the bumper clean at all times.

If a sensor or its surrounding area on the bumper is dirty or covered with snow, the Blind Spot Monitor may not operate and a warning message will be displayed. In this situation, clear off the dirt or snow and drive the vehicle with the operation conditions of the BSM function (→P.352) satisfied for approximately 10 minutes. If the warning message does not disappear, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.





- Do not attach accessories, stickers (including transparent stickers), aluminum tape, etc. to a sensor or its surrounding area on the bumper.
- Do not paint the surrounding area of a sensor on the bumper.
- Do not subject a sensor or its surrounding area on the 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 Toyota retailer or Toyota authorized repairer, or any reliable repairer.
  - A sensor or its surrounding area is subject to a strong impact.
  - If a sensor or its surrounding area on the bumper is scratched or dented, or become partially disconnected.
- Do not disassemble the sensor.
- Do not modify the sensor or surrounding area on the bumper.
- If a sensor or the bumper needs to be removed/installed or replaced, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- The sensors are likely to be affected by paint on the bumper. If the bumper is not repaired correctly, the Blind Spot Monitor may not operate with a warning message displayed. If any paint repair is needed, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

## Turning the Blind Spot Monitor on/off

The Blind Spot Monitor can be enabled/disabled through a customize setting. (→P.615)

When the Blind Spot Monitor is off, the driving assist OFF indicator (→P.102) will illuminate and a mes-

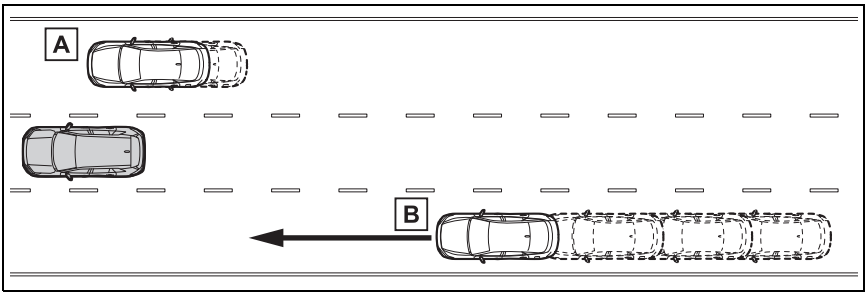
sage will be displayed on the multi-information display.

Each time the power switch is turned to ON, the Blind Spot Monitor is enabled.

## Blind Spot Monitor operation

### ■ Objects that can be detected while driving

The Blind Spot Monitor uses 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.

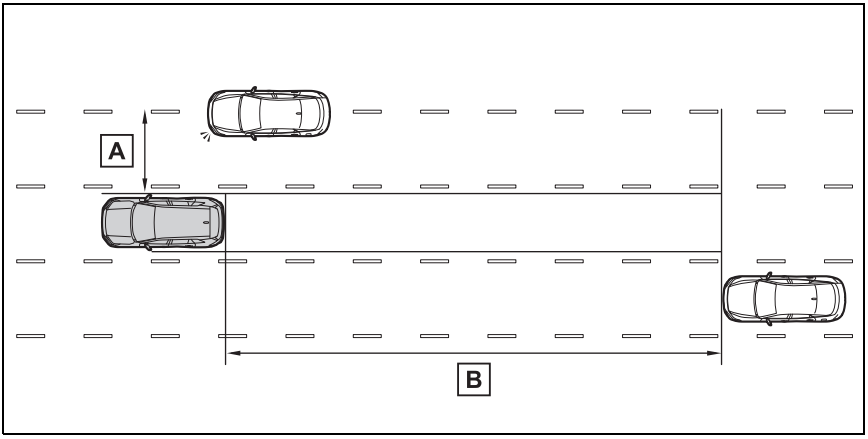



A Vehicles or bicycles that are traveling in areas that are not visible using the outside rear view mirrors (the blind spots)

B Vehicles or bicycles that are approaching rapidly from behind in areas that are not visible using the outside rear view mirrors (the blind spots)

### ■ Detection range while driving

The areas that vehicles and bicycles can be detected in are outlined below.



The range of each detection area is:

A Up to approximately 3.5 m (11.5 ft.) from either side of the vehicle*1

B Up to approximately 70 m (230 ft.) from the vehicle rear*2

*1: The start of detection may be later than normal for two-wheeled vehicles (such as bicycles and motorcycles) that are overtaking the vehicle at a very close distance to the side.

*2: The greater the difference in speed between your vehicle and the detected vehicle is, the farther away the vehicle will be detected, causing the outside rear view mirror indicator to illuminate or flash.

### ■ The Blind Spot Monitor linked function

The LDA (Lane Departure Alert) has a function that uses information of detected vehicles driving in an adjacent lane. For details about the function and its operating conditions, P.305.

#### ■ The Blind Spot Monitor is operational when

The Blind Spot Monitor is operational when all of the following conditions are met:

- The power switch is in ON.
- The Blind Spot Monitor is on.
- The shift position is in a position other than R.
- The vehicle speed is more than 0 km/h (0 mph).

#### ■ The Blind Spot Monitor will detect a vehicle when

The Blind Spot Monitor will detect a vehicle or bicycle present in the detection area in the following situations:

- A vehicle in an adjacent lane overtakes your vehicle.
- You overtake a vehicle in an adjacent lane slowly.
- Another vehicle enters the detection area when it changes lanes.

#### ■ Situations in which the Blind Spot Monitor cannot detect vehicles

The Blind Spot Monitor cannot detect the following vehicles or objects other than 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 in which a buzzer may not sound

In situations such as the following, while the turn signal lever is being operated, the indicator will flash but a buzzer may not sound.

- When a second vehicle is detected while the turn signal lever is being held
- When overtaking a vehicle in the adjacent lane at a much higher speed than it*

*: Depending on the situations, a buzzer may sound.

### ■ Conditions under which the system may not function correctly

● The Blind Spot Monitor may not detect vehicles correctly in the following situations:

- When driving at extremely high speeds
- The speed of the other vehicle is extremely slow
- 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 bumper
- When driving on a wet road surface, such as in a puddle, while in inclement weather, such as heavy rain, snow, fog, etc.
- 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 turning the steering wheel a large amount, such as driving on roads with sharp bends or consecutive curves
- When driving on uneven surfaces
- When vehicle lanes are wide, or when driving on the edge of a lane, and the vehicle in an adjacent lane is far away from your vehicle
- When an accessory (such as a bicycle carrier) is installed to the rear of the vehicle
- When there is a significant difference in height between your vehicle and the vehicle that enters the detection area
- Immediately after the Blind Spot Monitor is turned on
- When towing with the vehicle

● Particularly in the following situations, the system may operate unnecessarily:

- When turning left or right at an intersection that has multiple dedicated left turn lanes or right turn lanes
- When a following vehicle approaches in a position offset laterally from the rear of the vehicle
- When the sensor is misaligned due to a strong impact to the sensor or its surrounding area
- When the distance between your vehicle and a guardrail, wall, etc. that enters the detection area is short
- When driving up and down consecutive steep inclines, such as hills, dips in the road, etc.
- When vehicle lanes are narrow, or when driving on the edge of a lane, and a vehicle traveling in a lane other than the adjacent lanes enters the detection area
- When driving on roads with sharp bends, consecutive curves, or uneven surfaces
- When the tires are slipping or spinning
- When the distance between your vehicle and a following vehicle is short
- When an accessory (such as a bicycle carrier) is installed to the rear of the vehicle
- When towing with the vehicle

## Rear Vehicle Approaching Indication*

*: If equipped

**The rear vehicle approaching indication is a system that uses radar sensors installed on the inner side of the rear bumper. By notifying the driver of a vehicle approaching behind your vehicle, the system assists the driver in judging whether or not an evasive action should be taken.**

**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 rear vehicle approaching indication is a supplementary system that informs the driver of the existence of a vehicle approaching behind your vehicle.

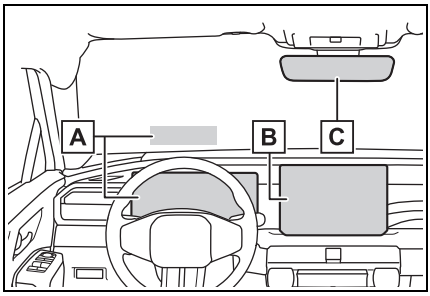
As this system may not function to its fullest extent in certain situations, the driver's own visual confirmation of safety is necessary.

Over reliance on this function may lead to an accident resulting in death or serious injury.

**■ To ensure the system can operate properly**

→P.349

### System components




A Multi-information display/head-up display*

Notifies through message and buzzer when your vehicle may obstruct the passing of the vehicle behind you.

B Multimedia Display

Turning the Rear Vehicle Approaching Indication on/off.

C Digital Rear-view Mirror*

Notifies by illuminating the display area in orange when your vehicle may obstruct the passing of the vehicle behind you. The notification can be enabled/disabled in the customization menu of the digital rear-view mirror. (→P.173)

*: If equipped

### Turning the Rear Vehicle Approaching Indication on/off

The Rear Vehicle Approaching Indication can be enabled/disabled through a customize setting. (→P.615)

■ **Buzzer**

If the volume setting of the audio system is high or the surrounding area is loud, it may be difficult to hear the buzzer.

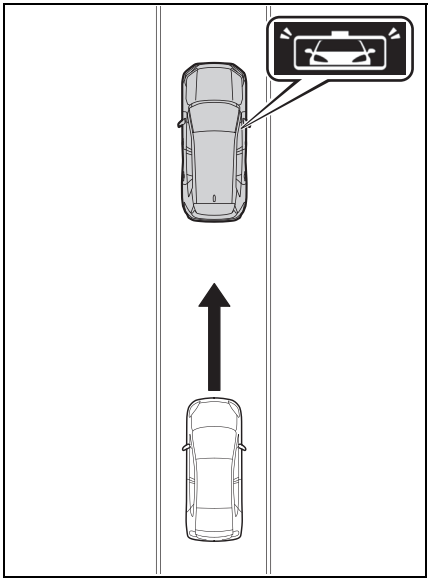
■ **Customization**

Some functions can be customized. (→P.615)

## Rear Vehicle Approaching Indication operation

On detecting a vehicle approaching behind your vehicle using the rear side radar sensors, the rear vehicle approaching indication notifies the driver of the existence of the vehicle by illuminating the digital rear-view mirror, displaying a message on the multi-information display or head-up display*, and by sounding a buzzer.

*: If equipped



■ **Operating conditions of Rear Vehicle Approaching Indication**

When the following conditions are met, the Rear Vehicle Approaching Indication will operate:

- The power switch is in ON.
- The Rear Vehicle Approaching Indication is on.
- The shift position is in a position other than R.
- The vehicle speed is approximately 100 km/h (63 mph) or more.
- The turn signal lever is not being operated.
- The brake pedal is not depressed.
- Your vehicle is traveling in the passing lane* or on a road with one lane on each side and there is no preceding vehicle

*: When driving on a road where the traffic lanes on the left and right differ from the country (or region) where the vehicle was purchased, the system may operate even in the driving lane.

■ **The Rear Vehicle Approaching Indication will detect a vehicle when**

The rear vehicle approaching indication detects vehicles within the detection range when a following vehicle driving in the same lane is approaching.

■ **Situations in which the Rear Vehicle Approaching Indication cannot detect vehicles**

The Rear Vehicle Approaching Indication cannot detect the following vehicles and other objects:

- Small motorcycles, bicycles, pedestrians, etc.*
- Guardrails, walls, signs, parked vehicles and similar stationary objects*
- Vehicles traveling in the opposite direction
- A vehicle in an adjacent lane*

*: Depending on the conditions, detection of a vehicle and/or object may occur.

### Situations in which the Rear Vehicle Approaching Indication may not operate properly

- In the following situations, the system may not detect a following vehicle properly:
  - When the sensor is misaligned due to a strong impact to the sensor or its surrounding area
  - When mud, snow, ice, a sticker, etc. is covering the sensor or surrounding area on the rear bumper
  - When driving on a wet road surface, such as in a puddle, while in inclement weather, such as heavy rain, snow, fog, etc.
  - When the driving lane of the vehicle cannot be recognized correctly, such as when the traffic lane is not clearly visible
  - When driving up and down consecutive steep inclines, such as hills, dips in the road, etc.
  - When towing with the vehicle
  - When the following vehicle is not approaching from straight behind your vehicle
  - When the following vehicle is approaching from an angle
  - If a vehicle suddenly cuts behind your vehicle
  - When your vehicle cuts in front of another vehicle
  - When the following vehicle is surrounded by other vehicles
  - When there is a static object, such as a guardrail or wall, around a following vehicle
  - When a following vehicle, which approached your vehicle then moved away, is approaching again
  - When a following vehicle is moving away from your vehicle
  - When a following vehicle is overtaking your vehicle
  - When driving on roads with sharp bends, consecutive curves, or uneven surfaces
  - When the height of a following vehicle is too much different from that of your vehicle
- Especially in situations such as the following, the system may operate even if it is unlikely for a following vehicle to approach your vehicle:
  - When the sensor is misaligned due to a strong impact to the sensor or its surrounding area
  - When towing with the vehicle
  - When your vehicle is surrounded by other vehicles
  - When making a left/right turn and a following vehicle passes immediately behind your vehicle
  - When a following vehicle closely approaches your vehicle before overtaking
  - When a vehicle driving in an adjacent lane is within the detection range, such as when your vehicle is driving on a narrow lane road or driving on the edge of a lane
  - When there are more than one vehicle around a following vehicle
  - When passing through a location with a structure above the road (traffic sign, billboard, etc.)
  - When there is a static object, such as a guardrail or wall, around a following vehicle
  - When there is an adjacent vehicle while on a curve
  - When your vehicle cuts in front of another vehicle

## Automatic Rear Flashing Hazard Lights*

*: If equipped

**The Automatic Rear Flashing Hazard Lights is a system that uses the rear side radar sensors located on the inside of the rear bumper. When the system determines that the possibility of a rear-end collision is high, it flashes the emergency flashers rapidly to warn the driver of the following vehicle.**

**WARNING**

**■ Cautions regarding the use of the system**

The driver is solely responsible for safe driving. Always drive safely, taking care to observe your surroundings.

The Automatic Rear Flashing Hazard Lights is an auxiliary system that flashes the emergency flashers rapidly to warn the driver of the following vehicle when it determines that the possibility of a rear-end collision is high.

As this system may not function to its fullest extent in certain situations, the driver's own visual confirmation of safety is necessary.

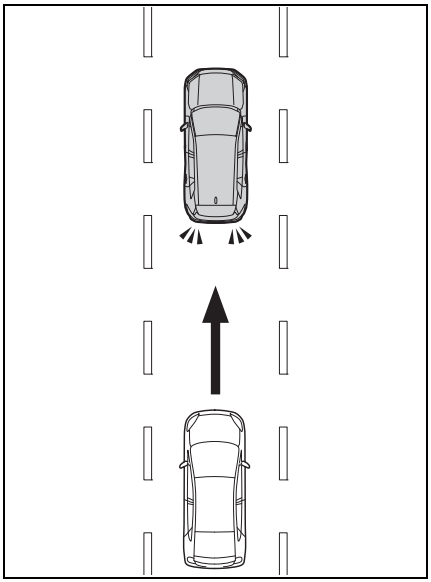
Over reliance on this function may lead to an accident resulting in death or serious injury.

**■ To ensure the system can operate properly**

→P.349

## Automatic Rear Flashing Hazard Lights operation

The rear side radar sensors detect following vehicles driving in the same lane. If the system determines that the possibility of a rear-end collision is high, the emergency flashers will flash rapidly to warn the driver of the following vehicle. Simultaneously, a message will be displayed on the multi-information display to notify the driver of the approach of the following vehicle.



**■ Operating conditions of Automatic Rear Flashing Hazard Lights**

When the following conditions are met, the Automatic Rear Flashing Hazard Lights will operate:

- The power switch is in ON.
- The shift position is in a position other than R.
- The turn signal lever is not being oper-

ated.

- When the hazard warning lights are not flashing
- The relative speed between your vehicle and the following vehicle is between approximately 30 and 100 km/h (19 and 62 mph)
- Your vehicle is being driven at approximately 10 km/h (7 mph) or less or at any speed with the brake pedal depressed.

### The Automatic Rear Flashing Hazard Lights will detect a vehicle when

The Automatic Rear Flashing Hazard Lights detects the following vehicle driving in the same lane within the detection range, when it determines that the possibility of a rear-end collision with it is high.

### Situations in which the Automatic Rear Flashing Hazard Lights cannot detect vehicles

The Automatic Rear Flashing Hazard Lights cannot detect the following vehicles and other objects:

- Small motorcycles, bicycles, pedestrians, etc.*
- Guardrails, walls, signs, parked vehicles and similar stationary objects*
- Vehicles traveling in the opposite direction
- A vehicle in an adjacent lane*

*: Depending on the conditions, detection of a vehicle and/or object may occur.

### Situations in which the Automatic Rear Flashing Hazard Lights may not operate properly

- In the following situations, the system may not detect a following vehicle properly:
  - When the sensor is misaligned due to a strong impact to the sensor or its surrounding area
  - When mud, snow, ice, a sticker, etc. is covering the sensor or surrounding area on the rear bumper
  - When the vehicle is stopped or driving on a wet road surface, such as in a puddle, while in inclement weather, such as heavy rain, snow, fog, etc.
  - When driving up and down consecutive steep inclines, such as hills, dips in the road, etc.
  - When towing with the vehicle
  - When the following vehicle is not approaching from straight behind your vehicle
  - When the following vehicle is approaching from an angle
  - If a vehicle suddenly cuts behind your vehicle
  - When the following vehicle is surrounded by other vehicles
  - When there is a static object, such as a guardrail or wall, around a following vehicle
  - When a bicycle carrier or other accessory is installed to the rear of your vehicle
  - When the height of a following vehicle is too much different from that of your vehicle
- In the following situations, the system may operate even though there is no possibility of a collision
  - When the sensor is misaligned due to a strong impact to the sensor or its surrounding area
  - When towing with the vehicle
  - When your vehicle is surrounded by other vehicles
  - When your vehicle is stopped to make a turn at an intersection, etc. and a vehicle passes your vehicle from straight behind
  - When your vehicle is stopped on the roadside, etc. and a vehicle passes close to the side of your vehicle
  - When a following vehicle closely approaches your vehicle before overtaking
  - When a following vehicle suddenly approaches to close to your vehicle
  - When there is a static object, such as a guardrail or wall, around a following vehicle

## Secondary Collision Brake (Rear Impacts while Stopped)*

*: If equipped

**The Secondary Collision Brake (Rear Impacts while Stopped) is a system that uses the rear side radar sensors located on the inside of the rear bumper. When the system determines that the possibility of a rear-end collision while the vehicle is stopped is very high, the brakes are controlled automatically to help reduce the possibility of further damage due to a secondary collision.**

**WARNING**

**■ Cautions regarding the use of the system**

The driver is solely responsible for safe driving. Always drive safely, taking care to observe your surroundings. The Secondary Collision Brake (Rear Impacts while Stopped) is an auxiliary system that controls the brakes automatically when it determines that the possibility of a rear-end collision with the following vehicle driving in the same lane is very high while the vehicle is stopped. As the Secondary Collision Brake (Rear Impacts while Stopped) may not function to its fullest extent in certain situations, the driver's own visual confirmation of safety is necessary. Over reliance on this function may lead to an accident resulting in death or serious injury.

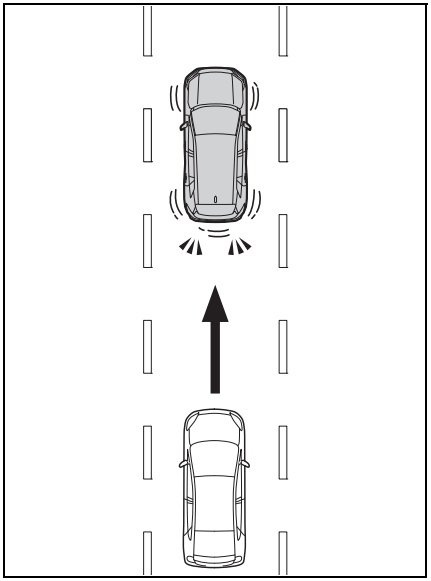
**■ To ensure the system can operate properly**

→P.349

### Secondary Collision Brake (Rear Impacts while Stopped) operation

With the Secondary Collision Brake (Rear Impacts while Stopped), the rear side radar sensors detect a following vehicle driving in the same lane while the vehicle is stopped. If the system determines that the possibility of a rear-end collision is very high, the brakes and brake lights will be automatically controlled to reduce the vehicle speed after the rear-end collision and help reduce the possibility of further damage due to a secondary collision.

Simultaneously, a message will be displayed on the multi-information display to notify the driver of the approach of the following vehicle.



### Operating conditions of Secondary Collision Brake (Rear Impacts while Stopped)

When the following conditions are met, the Secondary Collision Brake (Rear Impacts while Stopped) will operate:

- The power switch is in ON.
- The shift position is in a position other than R.*
- The turn signal lever is not being operated.
- Approximately 7 or more minutes have elapsed since the system was operated.
- The relative speed between your vehicle and the following vehicle is between approximately 30 and 100 km/h (19 and 62 mph)
- The vehicle speed is approximately 0 km/h (0 mph).

*: When the N shift position is selected, the system is not operational when none of the brake pedal, parking brake, and brake hold system are operated.

### The Secondary Collision Brake (Rear Impacts while Stopped) will detect a vehicle when

The Secondary Collision Brake (Rear Impacts while Stopped) detects the following vehicle driving in the same lane within the detection range, when it determines that the possibility of a rear-end collision with it is very high.

### Situations in which the Secondary Collision Brake (Rear Impacts while Stopped) cannot detect vehicles

The Secondary Collision Brake (Rear Impacts while Stopped) cannot detect the following vehicles and other objects:

- Small motorcycles, bicycles, pedestrians, etc.*
- Guardrails, walls, signs, parked vehicles and similar stationary objects*
- Vehicles traveling in the opposite direction
- A vehicle in an adjacent lane*

*: Depending on the conditions, detection of a vehicle and/or object may occur.

### Situations in which the Secondary Collision Brake (Rear Impacts while Stopped) may not operate properly

- In the following situations, the system may not detect a following vehicle properly:
  - When the sensor is misaligned due to a strong impact to the sensor or its surrounding area
  - When mud, snow, ice, a sticker, etc. is covering the sensor or surrounding area on the rear bumper
  - When the vehicle is stopped on a wet road surface, such as in a puddle, while in inclement weather, such as heavy rain, snow, fog, etc.
  - When the vehicle is stopped on consecutive steep inclines, such as hills, or dips in the road, etc.
  - When towing with the vehicle
  - When a following vehicle approaches immediately after your vehicle is

stopped
- When the following vehicle is not approaching from straight behind your vehicle
- When the following vehicle is approaching from an angle
- If a vehicle suddenly cuts behind your vehicle
- When the following vehicle is surrounded by other vehicles
- When there is a static object, such as a guardrail or wall, around a following vehicle
- When the height of a following vehicle is too much different from that of your vehicle
- When an accessory (such as a bicycle carrier) is installed to the rear of the vehicle

● Especially in situations such as the following, the system may operate even though there is no possibility of a collision:
- When the sensor is misaligned due to a strong impact to the sensor or its surrounding area
- When towing with the vehicle
- When your vehicle is stopped to make a turn at an intersection, etc. and a vehicle passes your vehicle from straight behind
- When the vehicle is stopped at a roadside, etc. and another vehicle passes right next to your vehicle
- When a following vehicle closely approaches your vehicle before overtaking
- When a following vehicle suddenly approaches close to your vehicle
- When your vehicle is surrounded by other vehicles
- When there is a static object, such as a guardrail or wall, around a following vehicle
- When a following vehicle approaches immediately before stopping or immediately after starting off
- When braked on a slippery road, etc., locking your tires, and a following vehicle approaches
- When the vehicle is washed in a car wash machine

## Safe Exit Assist

**The safe exit assist is a system that uses rear side radar sensors installed on the inner side of the rear bumper to help occupants judge if an approaching vehicle or bicycle may collide with a door when exiting, to help reduce the possibility of a collision.**

**WARNING**

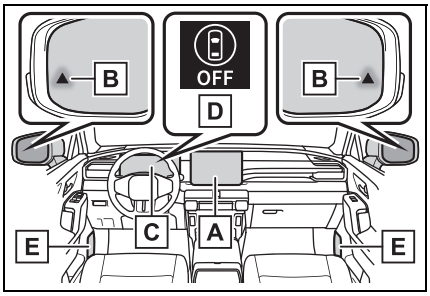
**■ Cautions regarding the use of the system**

● The driver is solely responsible for safe driving. Always drive safely, taking care to observe your surroundings.

● The safe exit assist is a supplementary system that, when the vehicle is stopped, informs occupants of the existence of approaching vehicles and bicycles. As this system alone cannot be used to judge safety, over-reliance on this system may lead to an accident resulting in death or serious injury.

In certain situations, this system may not function to its fullest extent. Therefore it is necessary for the occupants to visually check for safety directly and using the mirrors.

## System components




A Multimedia Display

Turning the safe exit assist on/off.

B Outside rear view mirror indicators

When a vehicle or bicycle which may collide with a door (other than the back door) when opened is detected, the outside rear view mirror indicator (→P.102) on the detected side will illuminate. If the door on the detected side is opened, the outside rear view mirror indicator will blink.

C Multi-information display

If collision with a door is likely and the door is opened, the door will be displayed on the multi-information display. Also, if a door is opened when an outside rear view mirror indicator is illuminated, a buzzer will sound as a warning.

After the power switch is turned off, a message may be displayed on the multi-information display when the safe exit assist operation conditions are no longer met.

(This may not be displayed if all the doors were locked from outside the vehicle.)

D Driving assist OFF indicator

Illuminates when the safe exit assist is turned off. At this time, a message will be displayed on the multi-information display.

E Speakers

When the outside rear view mirror indicator blinks, the driver is informed through voice guidance that the system has operated. After the notification through voice guidance is made, no more voice guidance notifications will be made again until the door is fully closed.

---

**■ Outside rear view mirror indicator visibility**

In strong sunlight, the outside rear view mirror indicator may be difficult to see.

**■ Buzzer**

If the volume setting of the audio system is high or the surrounding area is loud, it may be difficult to hear the buzzer.

**■ Voice notifications**

In the following situations, voice notifications will not be output:

- When it is estimated that no occupants are on board*
- After opening a door and entering the vehicle, until the hybrid system is started
- When 3 minutes or more have elapsed since the hybrid system was stopped
- When the language setting of the Multimedia Display has been set to a language that does not support voice notifications
- When all of the doors have been locked from outside the vehicle
- When a door remains open for 1 minute or more after the hybrid system is stopped
- When the ACC mode (→P.616) has been disabled through a customize

setting on the Multimedia Display and the hybrid system has been stopped

- When the parking assist volume setting on the Multimedia Display has been set to off

*: For each seating position, judgment is made based on the opening and closing of a door, before driving for ingress and after driving for egress.

### Customization

Some functions can be customized. (→P.615)

**WARNING**

**To ensure the system can operate properly**

→P.349

## Turning the safe exit assist system ON/OFF

The safe exit assist system can be enabled/disabled through a customize setting. (→P.615)

When the safe exit assist is off, the driving assist OFF indicator will illuminate and a message will be displayed on the multi-information display.

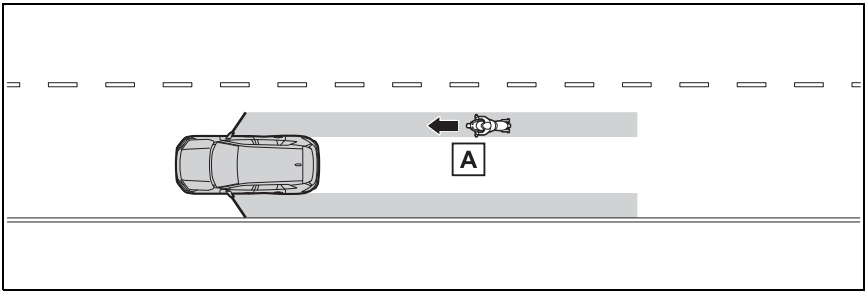
Each time the power switch is turned to ON, the safe exit assist is enabled.*

*: When the power switch is turned off and then to ON immediately after that, the safe exit assist may not be enabled.

## Safe exit assist operation

### Objects that can be detected by the safe exit assist

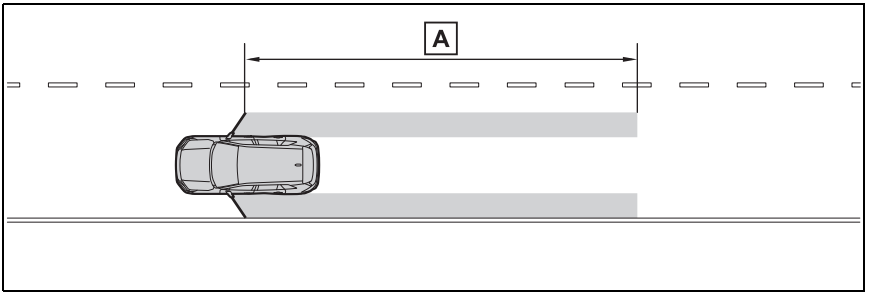
When the safe exit assist detects the following vehicles or bicycles behind your vehicle using a rear side radar sensor, the occupants of the vehicle are informed through an outside rear view mirror indicator, buzzer, multi-information display, and voice notification.




A Vehicle or bicycle which has a high possibility of colliding with a door (other than the back door) when opened

## ■ The safe exit assist detection areas

The areas that vehicles can be detected in are outlined below.




A Approximately 45 m (145 ft.) rearward from the front door*

*: The faster a vehicle or bicycle is approaching, the distance at which an outside rear view mirror indicator will illuminate or blink will become further.

### ■ The safe exit assist is operational when

The safe exit assist is operational when all of the following conditions are met:

- When the power switch is ON, less than 3 minutes have elapsed since the hybrid system was off, or less than 3 minutes have elapsed since a door was opened and someone has entered the vehicle (the time which operation is possible may be extended if a door is opened and closed)
- Safe exit assist is on
- The vehicle is stopped.

### ■ The safe exit assist will detect a vehicle when

The safe exit assist will detect a vehicle present in the detection area in the following situations:

- When the vehicle is stopped and a vehicle or bicycle, which is traveling parallel to the vehicle, is approaching within the area that a door opens (other than the back door)

### ■ Conditions under which the system will not detect a vehicle

- Safe exit assist does not detect the following objects, vehicles, and bicycles:
  - Vehicles or bicycles which are approaching slowly*
  - Vehicles or bicycles which are determined to have a low possibility of colliding with a door (other than the back door) when opened*
  - Vehicles or bicycles which are approaching from directly behind*
  - Vehicles or bicycles which are approaching from the front*
  - Guardrails, walls, signs, parked vehicles, and other stationary objects*
  - Pedestrians, animals, etc.*

*: Depending on the conditions, detection of a vehicle and/or object may occur.

- In situations such as the following, safe exit assist will not operate:
  - When 3 minutes or more have elapsed since the hybrid system off (the time which operation is possible may be extended if a door is opened and closed)
  - When your vehicle is not completely stopped

### Conditions under which the system may not function correctly

● The safe exit assist may not detect vehicles correctly in the following situations:

- When the sensor is misaligned due to a strong impact to the sensor or its surrounding area
- When mud, snow, ice, a sticker, etc. is covering the sensor or surrounding area on the rear bumper
- When the vehicle is stopped on a wet road surface, such as in a puddle, while in inclement weather, such as heavy rain, snow, fog, etc.
- When a vehicle or bicycle approaches from behind a nearby parked vehicle
- When an approaching vehicle or bicycle suddenly changes direction
- Immediately after a vehicle or bicycle starts moving
- When the back door is open
- When a bicycle carrier, ramp, or other accessory is installed to the back of the vehicle
- When a parked vehicle, wall, sign, person or other stationary object is behind the vehicle
- When the vehicle is stopped at an angle to the road
- When a vehicle is traveling near an approaching vehicle or bicycle
- When an approaching vehicle or bicycle is traveling along a stationary object, such a wall or sign
- When an approaching vehicle or bicycle is traveling on a metal cover (grating), such as those used for drainage ditches
- When a vehicle or bicycle is approaching at high speed
- When towing with the vehicle
- When stopped on a steep slope
- When stopped on a curve or at the exit of a curve

● Instances of the safe exit assist unnecessarily detecting a vehicle and/or object may increase in the following situations:

- When the sensor is misaligned due to a strong impact to the sensor or its surrounding area
- When a vehicle or bicycle approaches your vehicle from directly behind in an offset position
- When the vehicle is stopped at an angle to the road
- When a vehicle or bicycle approaches from behind a parked vehicle at an angle
- When a parked vehicle, wall, sign, person or other stationary object is behind the vehicle
- When an approaching vehicle or bicycle suddenly changes direction
- When an approaching vehicle or bicycle is traveling along a stationary object, such a wall or sign
- When the back door is open
- When a bicycle carrier, ramp, or other accessory is installed to the back of the vehicle
- When a vehicle or bicycle is approaching at high speed
- When towing with the vehicle
- When stopped on a steep slope
- When stopped on a curve or at the exit of a curve
- When a vehicle or bicycle approaches from behind a vehicle stopped in an adjacent lane

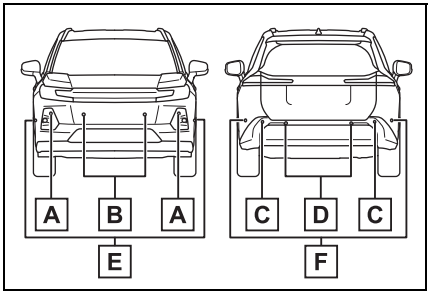
## Parking Assist-Sensor*

*: If equipped

**The Parking Assist-Sensor function detects the approximate distance from the vehicle and an object such as a wall using ultrasonic sensors and informs the driver with the Multimedia Display distance display and buzzer.**

### System components

■ **Type of sensors**




A Front corner sensors

B Front center sensors

C Rear corner sensors

D Rear center sensors

E Front side sensors (vehicles with Advanced Park)

F Rear side sensors (vehicles with Advanced Park)

■ **Display**

When the sensors detect an object, such as a wall, a graphic is shown on the Multimedia Display depending on the position and distance to the object.

The illustration is an example for explanation and may differ depending on the specifications.

▶ Multimedia Display



■ **Parking Assist-Sensor detection indicator***

When the sensors detect an object, Parking Assist-Sensor detection indicator illuminates.

*: If equipped

■ **How to check the presence of Parking Assist-Sensor detection indicator**

On vehicles with the Parking Assist-Sensor detection indicator, the Parking Assist-Sensor OFF indicator (→P.366) will turn off when the shift position is changed to R while the Parking Assist-Sensor is disabled.

### Turning the Parking Assist-Sensor function ON/OFF

The Parking Assist-Sensor function can be enabled/disabled through a customize setting. (→P.615)

When the Parking Assist-Sensor

function is disabled, the Parking Assist-Sensor OFF indicator (→P.102) illuminates on the multi-information display.

If the system switches to OFF (disabled) and the Parking Assist-Sensor is stopped, the Parking Assist-Sensor will not be re-enabled until ON (enabled) is selected again from the customize setting (→P.615).
(It remains off even if the power switch is turned to ON again after the power switch has been turned off.)

Vehicles with the Parking Assist-Sensor detection indicator: The system will automatically turn on (enabled) and the Parking Assist-Sensor OFF indicator will turn off if the shift position is changed to R. When the shift position is R, the Parking Assist-Sensor cannot be turned on or off.
The setting of Parking Assist-Sensor itself will not change.

**WARNING**

**■ Cautions regarding the use of the system**

There is a limit to the degree of recognition accuracy and control performance that this system can provide, do not overly rely on this system. The driver is always responsible for paying attention to the vehicle's surroundings and driving safely.

**■ To ensure the system can operate properly**

Make sure to observe the following precautions. The system may not operate properly and may lead to an unexpected accident. When these precautions cannot be observed, turn the system off.

- Do not damage the sensors, and always keep them clean.
- Do not attach a sticker or install a 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 Toyota retailer or Toyota authorized repairer, or any reliable repairer. If the front or rear bumper needs to be removed/installed or replaced, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- If a sensor or the bumper needs to be removed/installed or replaced, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- Do not modify, disassemble or paint the sensors.
- Do not attach a license plate cover.
- Keep your tires properly inflated.
- Do not install a suspension other than a genuine suspension.

**■ Notes when washing the vehicle**

- When using a high pressure washer to wash the vehicle, do not spray the sensors directly, as doing so may cause a sensor to malfunction.

**WARNING**

- 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.

### After recharging/reconnecting the 12-volt battery

The system needs to be initialized. Since initialization is performed automatically while driving, continue driving for a while.

### The system can be operated when

- The power switch is in ON.
- The Parking Assist-Sensor is on.
- The vehicle speed is less than about 10 km/h (6 mph).
- Front corner sensors:
  - The shift position is in a position other than P.
- Front center sensors:
  - The shift position is in a position other than P or R.
- Rear corner and rear center sensors:
  - The shift position is in R.
- Side sensors: (vehicles with Advanced Park)
  - The vehicle is moving about 7 m (23.0 ft.) after the hybrid system was started.
  - The vehicle is moving about 7 m (23.0 ft.) after the shift position was changed from R to D.
  - The shift position is in R.
  - VIEW switch has been pressed and the Multimedia Display is displayed.
  - The front or rear sensor detects a stationary object.
- Vehicles with the Parking Assist-Sensor detection indicator: Even when the Parking Assist-Sensor is turned off (disabled), if the shift position is changed to R, the system will automatically turn on (enabled) and the Parking Assist-Sensor OFF indicator will turn off.
  The setting of the Parking Assist-Sensor itself will not change.

### Sensor detection information

- The sensor's detection areas are limited to the areas around the vehicle's front and rear bumpers.
- Certain vehicle conditions and the surrounding environment may affect the ability of a sensor to correctly detect an object.
- Objects may not be detected if they are too close to the sensor.
- There will be a short delay between object detection and display. Even at low speeds, there is a possibility that the object will come within the sensor's detection areas before the display is shown and the warning beep sounds.
- It might be difficult to hear the buzzer due to the volume of the audio system or air flow noise of the air conditioning system.
- It may be difficult to hear the sound of this system due to the buzzers of other systems.
- If the meter malfunctions, the buzzer may not sound.

### Objects which the system may not be properly detected

The shape of the object may prevent the sensor from detecting it. Pay particular attention to the following objects:

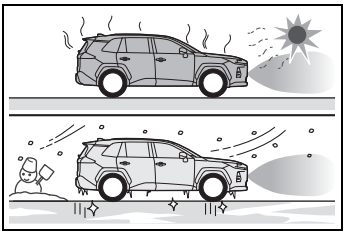
- Wires, fences, ropes, etc.
- Cotton, snow and other materials that absorb sound waves
- Sharply-angled objects
- Low objects
- Tall objects with upper sections projecting outwards in the direction of your vehicle

People may not be detected if they are wearing certain types of clothing.

### Situations in which the system may not operate properly

Certain vehicle conditions and the surrounding environment may affect the ability of a sensor to correctly detect objects. Particular instances where this may occur are listed below.

- There is dirt, snow, water drops or ice on a sensor. (Cleaning the sensors will resolve this problem.)
- A sensor is frozen. (Thawing the area will resolve this problem.) In especially cold weather, if a sensor is frozen the sensor display may be displayed abnormally, or objects, such as a wall, may not be detected.
- When a sensor or the area around a sensor is extremely hot or cold.

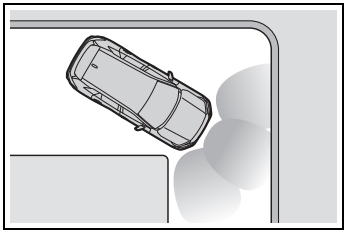


- On an extremely bumpy road, on an incline, on gravel, or on grass.
- When vehicle horns, vehicle detectors, motorcycle engines, air brakes of large vehicles, the clearance sonar of other vehicles or other devices which produce ultrasonic waves are near the vehicle.
- A sensor is coated with a sheet of spray or heavy rain.
- If objects draw too close to the sensor.
- When a pedestrian is wearing clothing that does not reflect ultrasonic waves (ex. skirts with gathers or frills).
- When objects that are not perpendicular to the ground, not perpendicular to the vehicle traveling direction, uneven, or waving are in the detection range.
- When strong winds are blowing.
- When driving in inclement weather such as fog, snow or a sandstorm.
- When an object that cannot be detected is between the vehicle and a detected object.
- If an object such as a vehicle, motorcycle, bicycle or pedestrian cuts in front of the vehicle or runs out from the side of the vehicle.
- If the orientation of a sensor has been changed due to a collision or other impact.
- When equipment such as a towing eyelet, transport hook, bumper protector, bumper trim, bicycle carrier or snow-removal device (snow plow) is installed near the sensor.
- If the front of the vehicle is raised or lowered due to the carried load.
- If the vehicle cannot be driven in a stable manner, such as when the vehicle has been in an accident or is malfunctioning.
- When tire chains, compact spare tire or an emergency tire puncture repair kit are used.
- When towing with the vehicle.

### Situations in which the system may operate even if there is no possibility of a collision

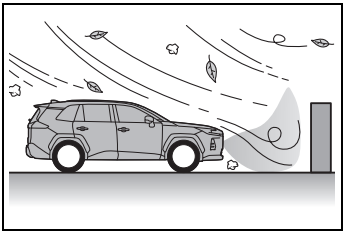
In some situations, such as the following, the system may operate even though there is no possibility of a collision.

- When driving on a narrow road.

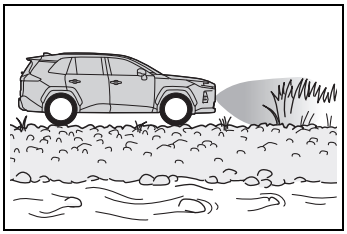


- When driving toward a banner, flag, low-hanging branch or boom barrier (such as those used at railroad crossings, toll gates and parking lots).

- When there is a rut or hole in the surface of the road.
- When driving on a metal cover (grating), such as those used for drainage ditches.
- When driving up or down a steep slope.
- If a sensor is hit by a large amount of water, such as when driving on a flooded road.
- There is dirt, snow, water drops or ice on a sensor. (Cleaning the sensors will resolve this problem.)
- A sensor is coated with a sheet of spray or heavy rain.
- When driving in inclement weather such as fog, snow or a sandstorm.
- When strong winds are blowing.



- When vehicle horns, vehicle detectors, motorcycle engines, air brakes of large vehicles, the clearance sonar of other vehicles or other devices which produce ultrasonic waves are near the vehicle.
- If the front of the vehicle is raised or lowered due to the carried load.
- If the orientation of a sensor has been changed due to a collision or other impact.
- The vehicle is approaching a tall or curved curb.
- Driving close to columns (H-shaped steel beams, etc.) in multi-story parking garages, construction sites, etc.
- If the vehicle cannot be driven in a stable manner, such as when the vehicle has been in an accident or is malfunctioning.
- On an extremely bumpy road, on an incline, on gravel, or on grass.

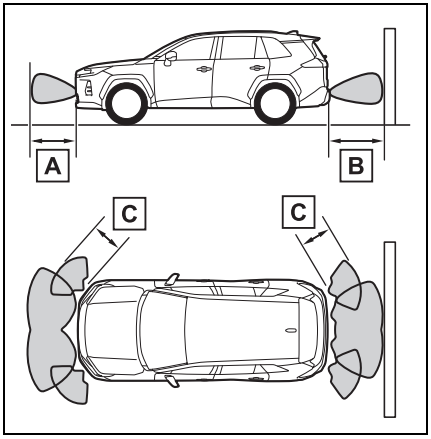


- When tire chains, compact spare tire or an emergency tire puncture repair kit are used.
- When towing with the vehicle.

## Sensor detection display, object distance

### ■ Detection range of the sensors

▶ Vehicles without Advanced Park




A Approximately 100 cm (3.3 ft.)

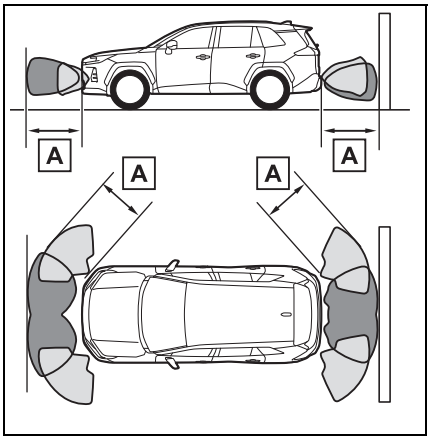
B Approximately 150 cm (4.9 ft.)

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.

▶ Vehicles with Advanced Park




A Approximately 200 cm (6.6 ft.)

The diagram shows the detection range of the sensors. Note that the sensors cannot detect objects that are extremely close to the vehicle.

The range of the sensors may change depending on the shape of the object, etc.

## ■ The distance and buzzer

▶ Vehicles without Advanced Park

| Approximate distance to obstacle | Buzzer |
|---|---|
| Front center sensor:<br>Approximately 100 cm (3.3 ft.) to 60 cm (2.0 ft.)*<br>Rear center sensor:<br>Approximately 150 cm (4.9 ft.) to 60 cm (2.0 ft.)* | Slow |
| Approximately 60 cm (2.0 ft.) to 45 cm (1.5 ft.)* | Medium |
| Approximately 45 cm (1.5 ft.) to 30 cm (1.0 ft.)* | Fast |
| Approximately less than 30 cm (1.0 ft.) | Continuous |

*: Automatic buzzer mute function is enabled. (→P.373)

▶ Vehicles with Advanced Park

| Approximate distance to obstacle | Buzzer |
|---|---|
| Front center sensor:<br>Approximately 200 cm (6.6 ft.) to 100 cm (3.3 ft.)<br>Rear center sensor:<br>Approximately 200 cm (6.6 ft.) to 150 cm (4.9 ft.)<br>Corner sensor:<br>Approximately 200 cm (6.6 ft.) to 60 cm (2.0 ft.) | Does not sound (Display only) |
| Front center sensor:<br>Approximately 100 cm (3.3 ft.) to 60 cm (2.0 ft.)*<br>Rear center sensor:<br>Approximately 150 cm (4.9 ft.) to 60 cm (2.0 ft.)* | Slow |
| Front/Rear center sensor and Corner sensor:<br>Approximately 60 cm (2.0 ft.) to 45 cm (1.5 ft.)* | Medium |
| Front/Rear center sensor and Corner sensor:<br>Approximately 45 cm (1.5 ft.) to 30 cm (1.0 ft.)* | Fast |
| Approximately less than 30 cm (1.0 ft.) | Continuous |

*: Automatic buzzer mute function is enabled. (→P.373)

## Parking Assist-Sensor buzzer

A buzzer sounds when the sensors are operating.

- The buzzer beeps faster as the vehicle approaches a static object. When the vehicle comes within the approximately 30 cm (1.0 ft.) of the object, the buzzer will sound continuously.
- When 2 or more sensors simultaneously detect a static object, the buzzer sounds for the nearest object.
- After an intermittent buzzer begins sounding, if the distance between the vehicle and the detected static object does not become shorter, the buzzer will be muted automatically. (automatic buzzer mute function)
- If the RCTA or RCD is activated at the same time, the buzzer will sound with priority for objects determined by the system to have high risk of causing a collision

**■ Adjusting the buzzer volume**

The buzzer volume of the Parking

Assist-Sensor, RCTA, and RCD can all be changed at once from the customize settings. (→P.615)

**■ Muting a buzzer**

When the temporary mute switch is displayed on the Multimedia Display, this switch can be pressed to temporarily mute the buzzer.

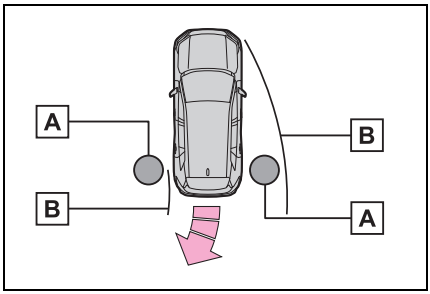
Select the switch to mute a buzzer of the Parking Assist-Sensor, RCTA, and RCD all together.

Select the switch again to cancel.

● Mute will be automatically canceled in the following situations:
- When the shift position is changed.
- When the vehicle speed exceeds a certain speed.
- When the power switch is turned off.

## Parking Assist-Sensor object warning function (vehicles with Advanced Park)

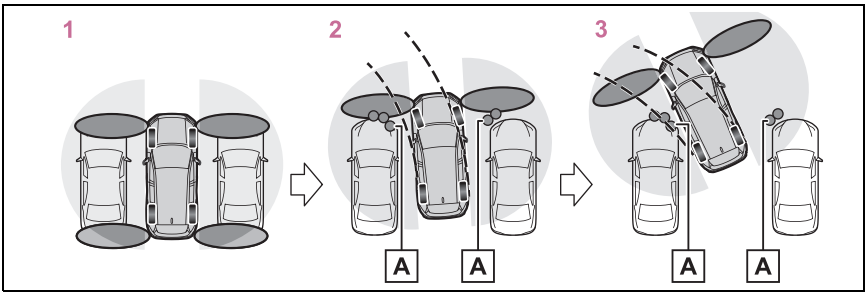
The object warning function informs the driver of the existence of objects along the side of the vehicle, using a display and buzzer, if the objects are within the estimated path of the vehicle.




A Object

B Calculated vehicle route

When the vehicle is moving, the side sensors or side cameras can detect objects. While the vehicle is moving, if a detected object can no longer be detected by the side sensors or side cameras, the location of the object relative to the vehicle is estimated. If the object is determined to be in the estimated path of the vehicle, the object warning function will operate.




A Object detected by side sensors or side cameras

1 The vehicle is stopped and objects along the sides of the vehicle are not

detected.

2 Objects are detected as the vehicle is moving.

3 Even though the objects are outside of the detection area of the side sensors or side cameras, a warning is displayed and a buzzer sounds.

### Object warning function operating conditions

- After the hybrid system has been started, the vehicle has moved 7 m (23.0 ft.) or less.
- After the D shift position has been selected, the vehicle has moved 7 m (23.0 ft.) or less.
- The R shift position is selected.
- VIEW switch has been pressed and the Multimedia Display is displayed.
- The front or rear sensor detects a stationary object.
- When the driver, passenger, and rear doors are completely closed

### Detection of objects along the sides of the vehicle

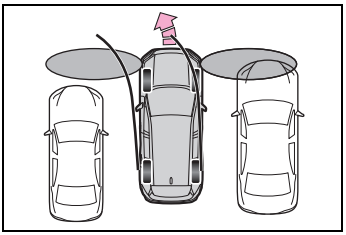
- Objects along the sides of the vehicle are not instantaneously detected. The location of objects in relation to the vehicle is estimated after they are first detected by the front or rear side sensors, or side cameras. Therefore, after the power switch is changed to ON, even if an object is along the side of the vehicle, it may not be detected until the vehicle has been driven a small amount and the side sensors or side cameras completely scan the areas along the sides of the vehicle.
- If a vehicle, person, animal, etc., is detected by a side sensors or side cameras, but then leaves the detection area of the side sensors or side cameras, the system will assume the object has not moved.

**WARNING**

### Side sensors and side cameras

In situations such as the following, the function may not operate correctly, possibly leading to an accident. Proceed carefully.

- When starting off shortly after the power switch is turned to ON and a small vehicle or other object which cannot be detected by a front side sensor is next to the vehicle.
  In the situation shown in the following illustration, even if the vehicle starts off, the vehicle on the left will not be detected and the object warning function will not operate.



- When an object or person is in a position which cannot be detected by the side sensors or side cameras.
- When a vehicle, person, or other object approaches the side of the vehicle after the side sensors have completed scanning the areas along the sides of the vehicle.
- When the outside rear view mirrors are folded.
- If the 12-volt battery was discharged or has been removed and installed, fold and extend the outside rear view mirrors.

**WARNING**

- When the driver, passenger, or rear door is opened.

## RCTA (Rear Crossing Traffic Alert) function

**When the vehicle is backing up, the RCTA (Rear Crossing Traffic Alert) function can detect vehicles or bicycles in the detection area behind the vehicle. If a vehicle or bicycle is detected, the outside rear view mirror indicators will blink, a buzzer will sound, and an icon will be displayed on the Multimedia Display to inform the driver of the vehicle or bicycle.**

**WARNING**

**■ Cautions regarding the use of the system**

The driver is solely responsible for safe driving. Always drive safely, taking care to observe your surroundings.

The RCTA function is only a supplementary function which alerts the driver that a vehicle or bicycle is approaching from the right or left at the rear of the vehicle.

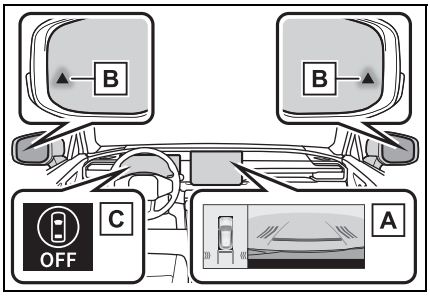
As the RCTA function may not function correctly under certain conditions, the driver's own visual confirmation of safety is necessary.

Over reliance on this function may lead to an accident resulting in death or serious injury.

**■ To ensure the system can operate properly**

→P.349

## System components




A Multimedia Display

If a vehicle or bicycle approaching from the right or left at the rear of the vehicle is detected, the RCTA icon (→P.377) for the detected side will be displayed on the Multimedia Display. This illustration* shows an example of a vehicle or bicycle approaching from both sides of the vehicle.

*: Depending on the vehicle grade and equipped options, the actual screen may be different from this illustration.

B Outside rear view mirror indicators

If a vehicle or bicycle is detected as approaching from the left or right behind the vehicle, outside rear view mirror indicators (→P.102) on the side of the approaching vehicle or bicycle will blink and a buzzer will sound.

C Driving assist OFF indicator

Illuminates when the RCTA is turned off. At this time, a message will be displayed on the multi-information display.

## Turning the RCTA function on/off

The RCTA can be enabled/disabled through a customize setting. (→P.615)

When the RCTA function is off, the driving assist OFF indicator (→P.102) will illuminate and a message will be displayed on the multi-information display. Each time the power switch is turned to ON, the RCTA function is enabled.

**Outside rear view mirror indicator visibility**

In strong sunlight, the outside rear view mirror indicator may be difficult to see.

**Hearing the RCTA buzzer**

The RCTA buzzer may be difficult to hear over loud noises, such as if the audio system volume is high.

**Rear side radar sensors**

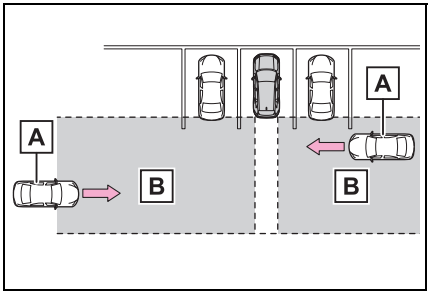
→P.349

## RCTA function

### Operation of the RCTA function

The RCTA function uses rear side radar sensors to detect vehicles or bicycles approaching from the right or left at the rear of the vehicle and alerts the driver of the presence of such vehicles or bicycles by flashing the outside rear view mirror indicators and sounding a buzzer*.

*: The buzzer sounds only when the vehicle is backing up.



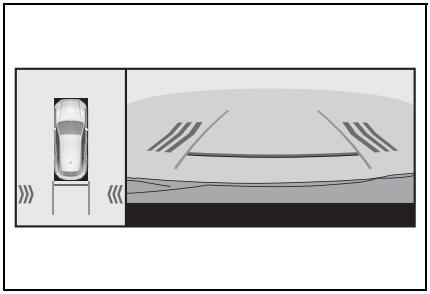

A Approaching vehicles

B Detection areas of approaching vehicles or bicycles

### ■ RCTA icon display

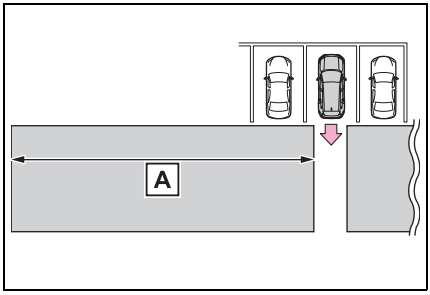
When a vehicle or bicycle approaching from the right or left at the rear of the vehicle is detected, the following will be displayed on the Multimedia Display.

Example: Vehicles or bicycles are approaching from both sides of the vehicle



### ■ RCTA function detection areas

The areas that vehicles or bicycles can be detected in are outlined below.




The buzzer can alert the driver of faster vehicles or bicycles approaching from farther away.

Example:

| Approaching vehicle or bicycle speed | A Approximate alert distance |
|---|---|
| 56 km/h (34 mph) (fast) | 30 m (98 ft.) |
| 8 km/h (5 mph) (slow) | 4 m (13 ft.) |

### ■ After recharging/reconnecting the 12-volt battery

The system needs to be initialized. Since initialization is performed automatically while driving, continue driving for a while.

### ■ 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 or bicycle speed is between approximately 8 km/h (5 mph) and 56 km/h (34 mph).
- The outside rear view mirrors are not retracted.

### ■ Setting the buzzer volume

The buzzer volume of the RCTA, Parking Assist-Sensor (if equipped), and RCD (if equipped) can be adjusted all together through a customize setting. (→P.615)

### ■ Muting a buzzer temporarily

When an object is detected, the temporary mute switch is displayed on the Multimedia Display.

Select the switch to mute the buzzer of the Parking Assist-Sensor (if equipped), RCTA, and RCD (if equipped) all together.

Select the switch again to cancel.

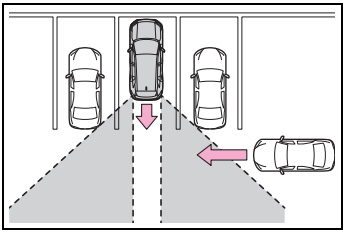
Mute will be canceled automatically in the following situations:

- When the shift position is changed.
- When the vehicle speed exceeds a certain speed.
- When there is a malfunction in a sensor or the system is temporarily unavailable.
- When the operating function is disabled manually.
- When the power switch is turned off.

### ■ Conditions under which the system will not detect a vehicle or bicycle

The RCTA function is not designed to detect the following objects:

- Vehicles or bicycles approaching from directly behind
- Vehicles or bicycles that the sensors cannot detect due to obstructions



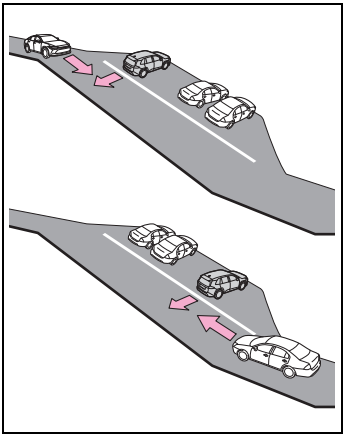
- Guardrails, walls, signs, parked vehicles and similar stationary objects*
- Small motorcycles, pedestrians, etc.*
- Vehicles or bicycles moving away from your vehicle
- Vehicles or bicycles approaching from the parking spaces next to your vehicle*
- The distance between the sensor and approaching vehicle or bicycle gets too close

*: Depending on the conditions, detection of a vehicle and/or object may occur.

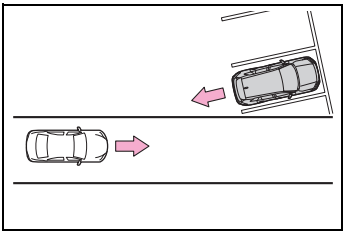
### ■ Situations in which the system may not operate properly

The RCTA function may not detect vehicles or bicycles correctly in the following situations:

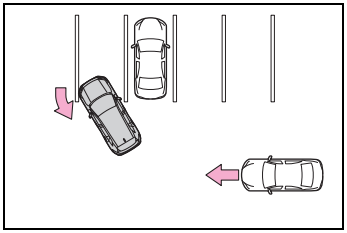
- When the sensor is misaligned due to a strong impact to the sensor or its surrounding area
- When mud, snow, ice, a sticker, etc. is covering the sensor or surrounding area on the rear bumper
- When driving on a wet road surface, such as in a puddle, while in inclement weather, such as heavy rain, snow, fog, etc.
- When multiple vehicles or bicycles are approaching with only a small gap between each vehicle or bicycle
- When a vehicle or bicycle is approaching at high speed
- When equipment that may obstruct a sensor is installed, such as a towing eyelet, bumper protector (an additional trim strip, etc.), bicycle carrier, or snow plow
- When backing up on a slope with a sharp change in grade



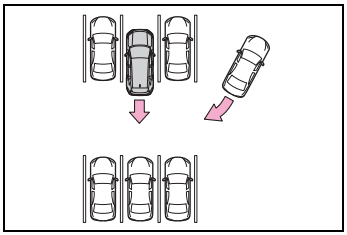
- When backing out of a sharp angle parking spot



- Immediately after the RCTA function is turned on
- Immediately after the hybrid system is started with the RCTA function on
- When the sensors cannot detect a vehicle or bicycle due to obstructions
- When towing with the vehicle
- When there is a significant difference in height between your vehicle and the vehicle or bicycle 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



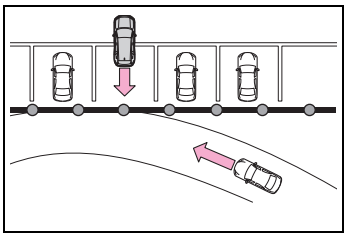
- When a vehicle or bicycle turns into the detection area



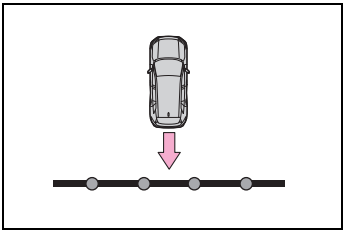
**■ Situations in which the system may operate even if there is no possibility of a collision**

Instances of the RCTA function unnecessarily detecting a vehicle and/or object may increase in the following situations:

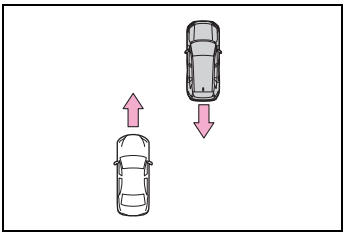
- When the parking space faces a street and vehicles are being driven on the street



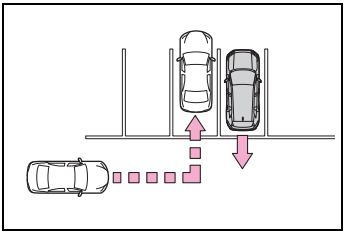
- When the distance between your vehicle and metal objects, such as a guardrail, wall, sign, or parked vehicle, which may reflect electrical waves toward the rear of the vehicle, is short



- When equipment that may obstruct a sensor is installed, such as a towing eyelet, bumper protector (an additional trim strip, etc.), bicycle carrier, or snow plow
- When a vehicle or bicycle passes by the side of your vehicle



- When a detected vehicle turns while approaching the vehicle



- When there are spinning objects near your vehicle such as the fan of an air conditioning unit
- When water is splashed or sprayed toward the rear bumper, such as from a sprinkler
- Moving objects (flags, exhaust fumes, large rain droplets or snowflakes, rain water on the road surface, etc.)
- When the distance between your vehicle and a guardrail, wall, etc., that enters the detection area is short
- Gratings and gutters
- When a sensor or the area around a sensor is extremely hot or cold
- If the suspension has been modified or tires of a size other than specified are installed
- If the front of the vehicle is raised or lowered due to the carried load
- When towing with the vehicle

## RCD (Rear Camera Detection)*

*: If equipped

**When the vehicle is backing up, the rear camera detection function can detect pedestrians in the detection area behind the vehicle. If a pedestrian is detected, a buzzer will sound and an icon will be displayed on the Multimedia Display to inform the driver of the pedestrian.**

**WARNING**

■ **Cautions regarding the use of the system**

The recognition and control capabilities for this system are limited.

The driver should always drive safely by always being responsible without over relying on the system and have an understanding of the surrounding situations.

■ **To ensure the system can operate properly**

Observe the following, otherwise there is the danger that could lead to an accident.

- Always clean the camera without damaging it.
- Do not install market parts (such as Illuminated license plate, fog lamps, etc.) in the camera vicinity.
- Do not subject the camera vicinity to strong impacts. If the vicinity is subjected to a strong impact, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- Do not disassemble, remodel or paint the camera.
- Do not attach accessories or stickers to the camera.
- Do not install market protection parts (bumper trim, etc.) to the rear bumper.
- Maintain suitable tire air pressure.
- Make sure the back door is completely closed.

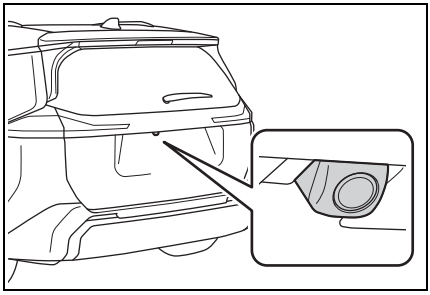
■ **When to disable the RCD function**

In the following situations, disable the system. The RCD function may not operate properly, possibly leading to an accident.

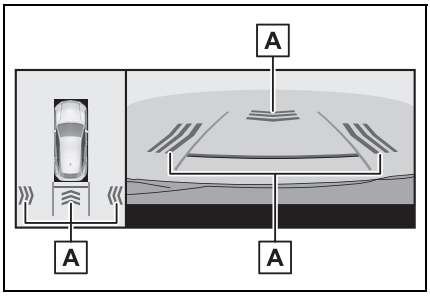
- The contents mentioned above are not observed.
- Suspensions other than the genuine parts are installed.

### System component

Location of the rear camera



## RCD display




A Pedestrian detection icon

Displayed automatically when a pedestrian is detected behind the vehicle.

## Turning the RCD function on/off

The RCD function can be enabled/disabled through a customize setting. (→P.615)

When the RCD function is disabled, the driving assist OFF indicator (→P.102) illuminates, and a message is displayed on the multi-information display.

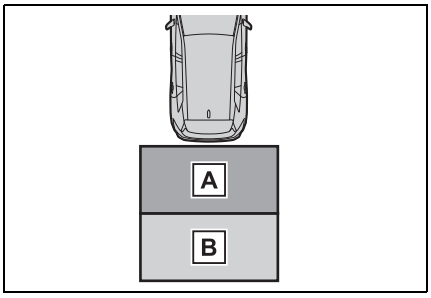
Each time the power switch is turned off then changed to ON, the RCD function will be enabled automatically.

## When a pedestrian is detected

If a pedestrian is in the area behind the vehicle or if the rear camera detected that a pedestrian is approaching the vehicle from behind, the system urges caution from the driver by sounding the buzzer and displaying the detection of a pedestrian on the Multimedia Display as follows:

- If a pedestrian is detected in area A or B
  Buzzer: Sounds 3 times*
  Pedestrian detection icon: Blinks
- When a pedestrian approaches area A
  Buzzer: Sounds repeatedly*
  Pedestrian detection icon: Blinks

*: The buzzer sounds only when the vehicle is backing up.




### After recharging/reconnecting the 12-volt battery

The system needs to be initialized. Since initialization is performed automatically while driving, continue driving for a while.

### The rear camera detection function is operational when

- The power switch is in ON.
- RCD function is on.
- The shift position is in R.
- Advanced Park is not operating (if equipped)

### Setting the buzzer volume

The buzzer volume of the Parking Assist-Sensor, RCTA, and RCD can all

be changed at once from the customize settings. (→P.615)

■ **Muting a buzzer temporarily**

When an object is detected, the temporary mute switch is displayed on the Multimedia Display.

Select the switch to mute a buzzer of the Parking Assist-Sensor, RCTA, and RCD all together.

Select the switch again to cancel.

Mute will be automatically canceled in the following situations:

- When the shift position is changed.
- When the vehicle speed exceeds a certain speed.
- When there is a malfunction in a sensor or the system is temporarily unavailable.
- When the operating function is disabled manually.
- When the power switch is turned off.

■ **Situations in which the system may not operate properly**

- Some pedestrians, such as the following, may not be detected by the rear camera detection function, preventing the function from operating properly:
  - Pedestrians who are bending forward or squatting
  - Pedestrians who are lying down
  - Pedestrians who are running
  - Pedestrians who suddenly appear from the shadow of the vehicle or a building
  - Pedestrians who are riding moving objects such as a bicycle or skateboard
  - Pedestrians wearing oversized clothing such as a rain coat, long skirt, etc., making their silhouette obscure
  - Pedestrians whose body is partially hidden by an object, such as a cart or umbrella
  - Pedestrians which are obscured by darkness, such as at night
- In some situations, such as the following, pedestrians may not be detected by the rear camera detection function, preventing the function from operating properly:
  - When backing up in inclement weather (rain, snow, fog, etc.)
  - The lens is dirty (by dirt or snow-melting agent, etc.) or scratched
  - When a very bright light, such as the sun, or the headlights of another vehicle, shines directly into the rear camera
  - When backing up in a place where the surrounding brightness changes suddenly, such as at the entrance or exit of a garage or underground parking lot
  - When backing up in a dim environment such as during dusk or in an underground parking lot
  - When the camera position and direction are deviated
  - When a towing hook is attached
  - When water droplets are flowing on the camera lens
  - When the vehicle height is extremely changed (nose up, nose down, etc.)
  - When tire chains or an emergency tire puncture repair kit are used
  - When the suspension has been lowered or tires that have a different size than the genuine tires are installed
  - When an aftermarket part (backlit license plate, fog light, etc.) is installed near the rear camera
  - If a bumper protector, such as an additional trim strip, is installed to the rear bumper
  - When towing with the vehicle

■ **Situations in which the system may operate unexpectedly**

- Even though there are no pedestrians in the detection area, some objects, such as the following, may be detected, possibly causing the rear camera detection function to operate.
  - Three dimensional objects, such as a pole, traffic cone, fence, or parked vehicle
  - Moving objects, such as a car or motorcycle
  - Objects moving toward your vehicle when backing up, such as flags or puddles (or airborne matter, such as

smoke, steam, rain, or snow)
- Cobblestone or gravel roads, tram rails, road repairs, white lines, pedestrian crossings or fallen leaves on the road
- Metal covers (gratings), such as those used for drainage ditches
- Objects reflected in a puddle or on a wet road surface
- Shadows on the road

● In some situations, such as the following, the rear camera detection function may operate even though there are no pedestrians in the detection area.
- When backing up toward the roadside or a bump on the road
- When backing up toward an incline/decline
- When the vehicle height is extremely changed (nose up, nose down, etc.)
- When an aftermarket part (backlit license plate, fog light, etc.) is installed near the rear camera
- If a bumper protector, such as an additional trim strip, is installed to the rear bumper
- If the orientation of the rear camera has been changed due to a collision or other impact, or removal and installation
- If a towing eyelet is installed to the rear of the vehicle
- When water is flowing over the rear camera lens
- The lens is dirty (by dirt or snow-melting agent, etc.)
- If there is a flashing light in the detection area, such as the emergency flashers of another vehicle
- When tire chains or an emergency tire puncture repair kit are used
- When towing with the vehicle

● Situations in which the rear camera detection function may be difficult to notice
- The buzzer may be difficult to hear if the surrounding area is noisy or the audio system volume is high.
- If the temperature in the cabin is extremely high or low, the Multimedia Display may not operate correctly.

## PKSB (Parking Support Brake)*

*: If equipped

**The PKSB (Parking Support Brake) is a system that issues warnings and performs brake control to help reduce collision damage with operation targets that were detected when traveling at a low speed such as when parking.**

### PKSB (Parking Support Brake) system

The system has detected the following as operation targets. (The operation targets vary depending on the function.)

- Parking Support Brake function (static objects front and rear of the vehicle):→P.389
- Parking Support Brake function (moving vehicles rear of the vehicle):→P.393
- Parking Support Brake function (pedestrians rear of the vehicle): →P.394
- Parking Support Brake function (static objects around the vehicle) (vehicles with Advanced Park): →P.389

**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.
- If the suspension has been modified or tires of a size other than specified are installed.
- If the front of the vehicle is raised or lowered due to the carried load.
- When equipment such as a towing hook, transport hook, bumper protector, bumper trim, bicycle carrier or snow-removal device (snow plow) is installed near the sensor.
- When using automatic car washing devices.
- If the vehicle cannot be driven in a stable manner, such as when the vehicle has been in an accident or is malfunctioning.
- When the vehicle is driven in a sporty manner or off-road.
- When the tires are not properly inflated.
- When the tires are very worn.
- When tire chains, a compact spare tire or an emergency tire puncture repair kit are used.
- When towing with the vehicle.

**■ Precautions for the suspension**

Do not modify the suspension of the vehicle. If the height or tilt of the vehicle is changed, the sensors may not be able to detect detectable objects and the system may not operate correctly, possibly leading to an accident.

## Enabling/Disabling the Parking Support Brake

The Parking Support Brake function can be enabled/disabled through a customize setting. (→P.615)

When the PKSB (Parking Support Brake) is disabled, the PKSB OFF indicator (→P.102) illuminates, and a message is displayed on the multi-information display.

If the PKSB (Parking Support Brake) is switched to OFF (disabled), the system will not be re-enabled until ON (enabled) is selected again from the customize setting (→P.615). (It remains off even if the power switch is turned to ON again after the power switch has been turned off.)

## Display and buzzer for hybrid system output restriction control and brake control

If the hybrid system output restriction control or brake control operates, a buzzer will sound and a message that indicates limited acceleration or prompts the driver to brake will be displayed on the Multimedia Display and multi-information display, to alert the driver.

Depending on the situation, output restriction control operates to either limit acceleration or restrict output as much as possible.

- Hybrid system output restriction control is operating (acceleration restriction)

Acceleration greater than a certain amount is restricted by the system.

Multimedia Display: No warning displayed

Message example on the multi-information display: “Object Detected Acceleration Reduced”

PKSB OFF indicator: Not illuminated

Buzzer: Does not sound

- Hybrid system output restriction control is operating (output restricted as much as possible)

The system has determined that stronger-than-normal brake operation is necessary.

Message example on the Multimedia Display (vehicles with a panoramic view monitor or parking assist monitor): “BRAKE!”

Message example on the multi-information display: “BRAKE!”

PKSB OFF indicator: Not illuminated

Buzzer: Continuous long beep

- Brake control is operating

The system determined that emergency braking is necessary.

Message example on the Multimedia Display (vehicles with a panoramic view monitor or parking assist monitor): “BRAKE!”

Message example on the multi-information display: “BRAKE!”

PKSB OFF indicator: Not illuminated

Buzzer: Continuous long beep

- Vehicle stopped by system operation

The vehicle has been stopped by brake control operation.

Message example on the Multimedia Display (vehicles with a panoramic view monitor or parking assist monitor): “Switch to Brake”

Message example on the multi-informa-

tion display: “Accelerator Pedal is Pressed Press Brake Pedal”, “Press Brake Pedal”

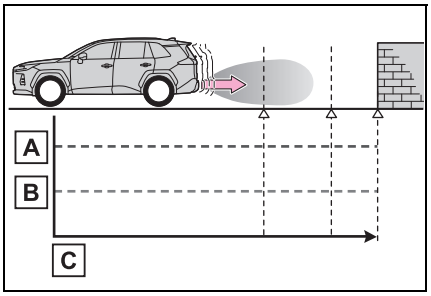
PKSB OFF indicator: Illuminated

Buzzer: Continuous long beep

## System overview

If the Parking Support Brake determines that a collision with a detected object or pedestrian is possible, the hybrid system output will be restricted to restrain any increase in the vehicle speed. (Hybrid system output restriction control: See figure 2 below.) Additionally, if the accelerator pedal continues to be depressed, the brakes will be applied automatically to reduce the vehicle speed. (Brake control: See figure 3.)

- Figure 1: When the PKSB (Parking Support Brake) is not operating

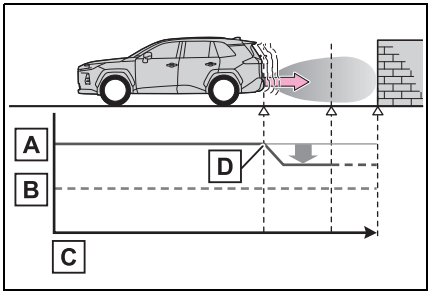



A Hybrid system output

B Braking force

C Time

- Figure 2: When hybrid system output restriction control operates



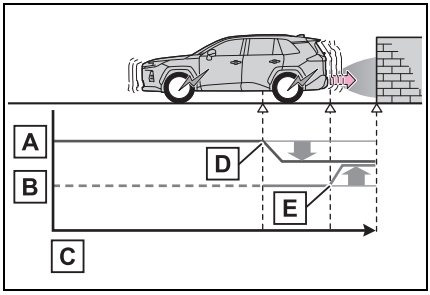

A Hybrid system output

B Braking force

C Time

D Hybrid system output restriction control begins operating (System determines that possibility of collision with detected object is high)

- Figure 3: When hybrid system output restriction control and brake control operates




A Hybrid system output

B Braking force

C Time

D Hybrid system output restriction control begins operating (System determines that possibility

of collision with detected object is high)

E Brake control begins operating (System determines that possibility of collision with detected object is extremely high)

■ **After recharging/reconnecting the 12-volt battery**

The system needs to be initialized. Since initialization is performed automatically while driving, continue driving for a while.

■ **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.

In addition, even when the PKSB (Parking Support Brake) operates, the brake control is canceled after approximately 2 seconds to start off. Furthermore, the brake control also can be canceled by depressing the brake pedal. Depressing the accelerator pedal again after that allows the vehicle to start off.

■ **Re-enabling the Parking Support Brake**

To re-enable the Parking Support Brake when it is disabled due to operation of the PKSB (Parking Support Brake), either enable the system again, or turn the power switch off and then back to ON.

Additionally, if any of the following conditions are met, the system will be re-enabled automatically and the PKSB OFF indicator will turn off (→P.102):

- The P shift position is selected
- Drive with no operation targets in the traveling direction of the vehicle
- Change the traveling direction of the vehicle

■ **Buzzer**

Regardless of whether the Parking Assist-Sensor is enabled or not (→P.366), if the PKSB (Parking Support Brake) system is enabled (→P.385), the buzzer will sound to notify the driver of the approximate distance to the object when the brake control and the hybrid system output restriction control are operated.

## Parking Support Brake function (static objects front and rear of the vehicle/static objects around the vehicle)*

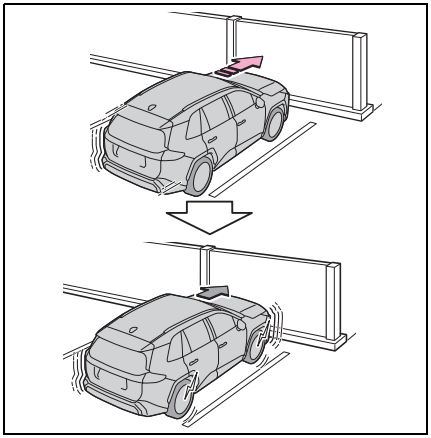
*: If equipped

**If the sensors detect a static object, such as a wall, in the traveling direction of the vehicle and the system determines that a collision may occur due to the vehicle suddenly moving forward due to an accidental accelerator pedal operation, the vehicle moving the unintended direction due to the wrong shift position being selected, or while parking or traveling at low speeds, the system will operate to lessen the impact with the detected static object and reduce the resulting damage.**

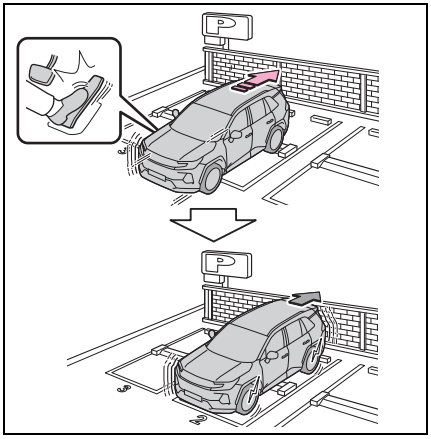
### Examples of function operation (static objects front and rear of the vehicle)

This function will operate in situations such as the following if an object is detected in the traveling direction of the vehicle.

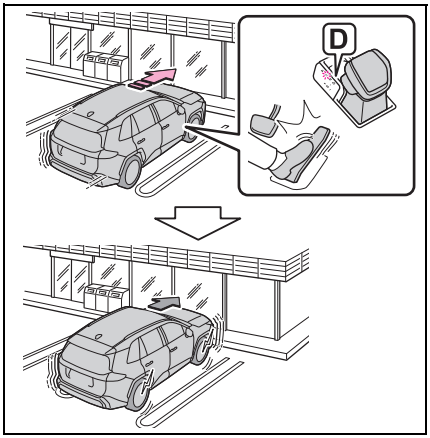
■ **When traveling at a low speed and the brake pedal is not depressed, or is depressed late**



■ **When the accelerator pedal is depressed excessively**



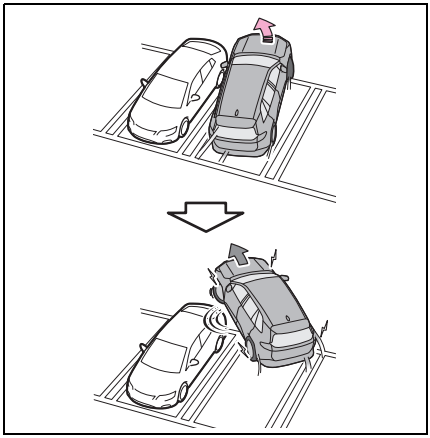
■ **When the vehicle moves forward due to the incorrect shift position being selected**



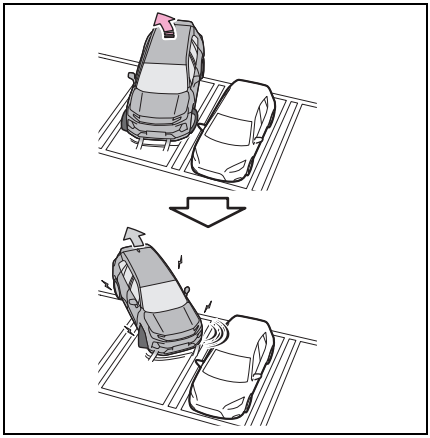

## Examples of function operation (static objects around the vehicle) (vehicles with Advanced Park)

The system will operate in the following situations when a stationary object is detected in the surrounding area.

■ **When moving forward and a collision with a stationary object on the inner side of a turn is likely**



■ **When reversing and a collision with a stationary object on the outer side of a turn is likely**



## Types of sensors

→P.366

**WARNING**

■ **To ensure the system can operate properly**

→P.367

■ **If the Parking Support Brake function operates unnecessarily, such as at a railroad crossing**

→P.388

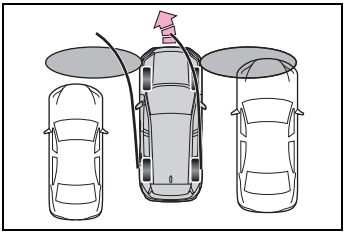
■ **Notes when washing the vehicle**

→P.367

■ **Side sensors and side cameras (vehicles with Advanced Park)**

In situations such as the following, Parking Support Brake function (static objects around the vehicle) may not operate correctly, possibly leading to an accident. Proceed carefully.

- When starting off shortly after the power switch is turned to ON and a small vehicle or other object which cannot be detected by a front side sensor is next to the vehicle.
  In the situation shown in the following illustration, even if the vehicle starts off, the vehicle on the left will not be detected and the object warning function will not operate.



- When an object or person is in a position which cannot be detected by the side sensors or side cameras.
- When a vehicle, person, or other object approaches the side of the vehicle after the side sensors have completed scanning the areas along the sides of the vehicle.
- When the outside rear view mirrors are folded.
- If the 12-volt battery was discharged or has been removed and installed, fold and extend the outside rear view mirrors.
- When the driver, passenger, or rear door is opened.

■ **The Parking Support Brake function (static objects front and rear of the vehicle) will operate when**

The function will operate when the PKSB OFF indicator is not illuminated (→P.100) and all of the following conditions are met:

- Hybrid system output restriction control
  - The Parking Support Brake is enabled.
  - The vehicle speed is approximately 15 km/h (9 mph) or less.
  - There is a static object in the traveling direction of the vehicle and approximately 2 to 4 m (6 to 13 ft.) away.
  - The Parking Support Brake determines that a stronger-than-normal brake operation is necessary to avoid a collision.
- Brake control
  - Hybrid system output restriction control is operating.
  - The Parking Support Brake determines that an immediate brake operation is necessary to avoid a collision.

■ **The Parking Support Brake function (static objects around the vehicle) will operate when (vehicles with Advanced Park)**

This function is operable when any of the following conditions is met in addition to the operating conditions for static objects in front and rear of the vehicle.

- After the hybrid system has been started, the vehicle has moved approximately 7 m (23.0 ft.) or less
- The R shift position is selected

- After the shift position has been changed from R to D, the vehicle has moved approximately 7 m (23.0 ft.) or less
- When the driver, passenger, and rear doors are completely closed

**■ The Parking Support Brake function (static objects front and rear of the vehicle/static objects around the vehicle*) will stop operating when**

*: Vehicles with Advanced Park

The function will stop operating if any of the following conditions are met:

- Hybrid system output restriction control
  - The Parking Support Brake is disabled.
  - The system determines that the collision has become avoidable with normal brake operation.
  - The static object is no longer approximately 2 to 4 m (6 to 13 ft.) away from the vehicle or in the traveling direction of the vehicle.
- Brake control
  - The Parking Support Brake is disabled.
  - Approximately 2 seconds have elapsed since the vehicle was stopped by brake control.
  - The brake pedal is depressed after the vehicle is stopped by brake control.
  - The static object is no longer approximately 2 to 4 m (6 to 13 ft.) away from the vehicle or in the traveling direction of the vehicle.

**■ Detection range of the Parking Support Brake function (static objects front and rear of the vehicle/static objects around the vehicle*)**

*: Vehicles with Advanced Park

The detection range of the Parking Support Brake function (static objects front and rear of the vehicle/static objects around the vehicle) differs from the detection range of the Parking Assist-Sensor. (→P.370) Therefore, even if the Parking Assist-Sensor detects an object and provides a warning, the Parking Support Brake function (static objects front and rear of the vehicle/static objects around the vehicle) may not start operating.

**■ Situations in which the system may not operate properly**

→P.369

**■ Situations in which the system may operate even if there is no possibility of a collision**

→P.369

**■ Situations in which the system may operate even though there is no possibility of a collision (static objects around the vehicle) (vehicles with Advanced Park)**

In addition to the operating conditions for stationary objects in front and rear the vehicle (→P.391), the system may operate when moving closer to the side, such as during parallel parking (→P.412).

**■ Detection of objects along the sides of the vehicle (static objects around the vehicle) (vehicles with Advanced Park)**

- Objects along the sides of the vehicle are not instantaneously detected. The location of objects in relation to the vehicle is estimated after they are first detected by the front or rear side sensors, or side cameras. Therefore, after the power switch is changed to ON, even if an object is along the side of the vehicle, it may not be detected until the vehicle has been driven a small amount and the side sensors or side cameras completely scan the areas along the sides of the vehicle.
- If a vehicle, person, animal, etc., is detected by a side sensors or side cameras, but then leaves the detection area of the side sensors or side cameras, the system will assume the object has not moved.

## Parking Support Brake function (moving vehicles rear of the vehicle)*

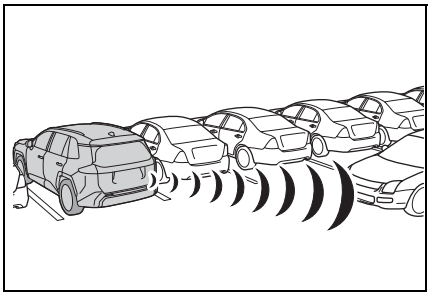
*: If equipped

**If a rear side radar sensor detects a vehicle or bicycle 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 or bicycle.**

## Examples of the function operation

This function will operate in situations such as the following if a vehicle or bicycle is detected in the traveling direction of the vehicle.

### ■ When reversing, a vehicle or bicycle is approaching and the brake pedal is not depressed, or is depressed late



## Types of sensors

→P.349

**WARNING**

**■ To ensure the system can operate properly**

→P.349

**■ If the Parking Support Brake function (moving vehicles rear of the vehicle) operates unnecessarily**

Depress the brake pedal immediately after the Parking Support Brake function (moving vehicles rear of the vehicle) operates. (Operation of the function is canceled by depressing the brake pedal.)

### ■ The Parking Support Brake function (moving vehicles rear of the vehicle) will operate when

The function will operate when the PKSB OFF indicator is not illuminated (→P.100) and all of the following conditions are met:

● Hybrid system output restriction control
- The Parking Support Brake is enabled.
- The vehicle speed is approximately 15 km/h (9 mph) or less.
- Vehicles or bicycles 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 or bicycle from the rear side.

● Brake control
- Hybrid system output restriction control is operating.
- The Parking Support Brake determined that an emergency brake operation was necessary to avoid a

collision with a vehicle or bicycle approaching from the rear side.

■ **The Parking Support Brake function (moving vehicles rear of the vehicle) will stop operating when**

The function will stop operating if any of the following conditions are met:

● Hybrid system output restriction control
- The Parking Support Brake is disabled.
- The collision becomes avoidable with normal brake operation.
- A vehicle or bicycle is no longer approaching from the right or left at the rear of the vehicle.

● Brake control
- The Parking Support Brake is disabled.
- Approximately 2 seconds have elapsed since the vehicle was stopped by brake control.
- The brake pedal is depressed after the vehicle is stopped by brake control.

■ **Situations in which the system may not operate properly**

→P.378

■ **Situations in which the system may operate even if there is no possibility of a collision**

→P.379

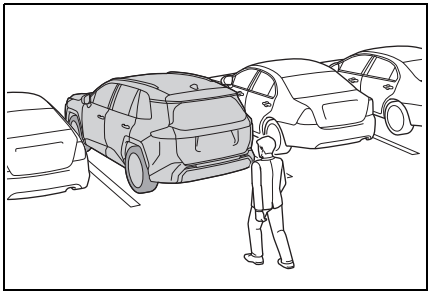
## Parking Support Brake function (pedestrians rear of the vehicle)*

*: If equipped

**If the rear camera sensor detects a pedestrian behind the vehicle while backing up and the system determines that the possibility of colliding with the detected pedestrian is high, a buzzer will sound. If the system determines that the possibility of colliding with the detected pedestrian is extremely high, the brakes will be applied automatically to help reduce the impact of the collision.**

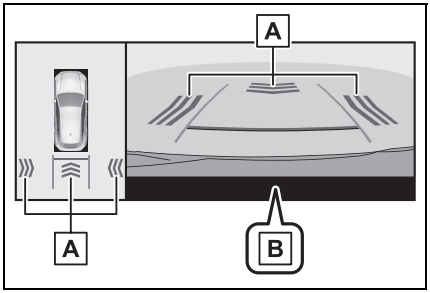
### Examples of system operation

The system operates when an approaching pedestrian is detected behind the vehicle while backing up, and when the brake pedal is not depressed or is depressed late.



## Screen display of pedestrians rear of the vehicle

Displays a message to prompt the driver to brake when a pedestrian is detected in the detection area behind the vehicle.




A Pedestrian detection icon

B Example: “BRAKE!”

**WARNING**

**■ If the Parking Support Brake function (pedestrians rear of the vehicle) operates unnecessarily**

Depress the brake pedal immediately after the Parking Support Brake function (pedestrians rear of the vehicle) operates. (Operation of the function is canceled by depressing the brake pedal.)

**■ Correct use of the Parking Support Brake function (pedestrians rear of the vehicle)**

→P.381

**■ The Parking Support Brake function (pedestrians rear of the vehicle) will operate when**

The function will operate when the PKSB OFF indicator is not illuminated (→P.100) and all of the following conditions are met:

● Hybrid system output restriction control
- The Parking Support Brake is enabled.
- The vehicle speed is 15 km/h (9 mph) or less.
- The shift position is in R.
- When a pedestrian is to the rear of the vehicle
- The PKSB (Parking Support Brake) determines that a stronger-than-normal-brake operation is necessary to avoid a collision.

● Brake control
- Hybrid system output restriction control is operating.
- The Parking Support Brake determines that an emergency brake operation is necessary to avoid a collision with a pedestrian.

**■ The Parking Support Brake function (pedestrians rear of the vehicle) will stop operating when**

The function will stop operating if any of the following conditions are met:

● Hybrid system output restriction control
- The Parking Support Brake is disabled.
- The collision becomes avoidable with normal brake operation.
- The pedestrian is no longer detected behind your 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.

**■ Re-enabling the Parking Support Brake function (pedestrians rear of the vehicle)**

→P.388

**■ Detection area of the Parking Support Brake function (pedestrians rear of the vehicle)**

The detection area of the Parking Sup-

port Brake function (pedestrians rear of the vehicle) differs from the detection area of the RCD function (→P.382). Therefore, even if the RCD function detects a pedestrian and provides an alert, the Parking Support Brake function (pedestrians rear of the vehicle) may not start operating.

■ **Situations in which the system may not operate properly**

→P.383

■ **Situations in which the system may operate unexpectedly**

→P.383

# Toyota Teammate Advanced Park*

*: If equipped

## Function description

The Advanced Park is a system which assists in a safe and smooth parking or exiting from a parking space by displaying the blind spots around the vehicle and the target parking spot through a bird's eye view, delivering operation guidance through displays and buzzer operation, and changing the shift position, operating the steering wheel, accelerator pedal, and brake pedal.

Additionally, the panoramic view monitor* can display the area in front, behind, and from above the vehicle, helping confirm the condition of the area around the vehicle.

The turn signal lights will blink automatically when the parking assistance starts until the vehicle reaches the target parking spot, to notify people around the vehicle that parking is being performed.

Depending on the condition of the road surface or the vehicle, the distance between the vehicle and a parking space, etc., it may not be possible to assist in parking in the target space.

Only use Advanced Park in accordance with all local road traffic laws

and regulations.

*: For details on the panoramic view monitor refer to “Multimedia owner’s manual”.

■ **Remote control function (if equipped)**

Remote control function is a system which assists in parking or exiting from a parking space selected on the Multimedia Display by allowing changing the shift position, operating the steering wheel, accelerator pedal, and brake pedal from outside of the vehicle via a smartphone.

The turn signal lights will blink automatically when the parking assistance, except that for moving the vehicle forward and backward, starts until the vehicle reaches the target parking spot, to notify people around the vehicle that parking is being performed.

Preparation before using: →P.420

## Functions

■ **Perpendicular parking (forward/reverse) function**

Assistance is provided from the position the vehicle is stopped near the target parking space until the vehicle is in the parking space. (→P.408)

■ **Perpendicular exiting (forward/reverse) function**

Assistance is provided from the parked position until the vehicle is in a position where you can easily exit from the parking space. (→P.410)

■ **Parallel parking function**

Assistance is provided from the position the vehicle is stopped near the target parking space until the vehicle is in the parking space. (→P.412)

■ **Parallel exiting function**

Assistance is provided from the parked position until the vehicle is in a position where you can easily exit from the parking space. (→P.415)

■ **Remote control function (if equipped)**

By operating a smartphone, assistance in parking or exiting from a nearby target parking space, confirmed on the screen of the smartphone, is provided from outside of the vehicle. (→P.417)

■ **Trademarks**

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Toyota Motor Corporation is under license. Other trademarks and trade names are those of their respective owners.

**WARNING**

**■ Cautions regarding the use of Advanced Park, including Remote control function (if equipped)**

The recognition and control capabilities for this system are limited. The driver should always drive safely by always being responsible without over relying on the system and have an understanding of the surrounding situations.

- As with a normal vehicle, take care to observe your surroundings while the vehicle is moving.
- Always pay attention to the vehicle's surroundings while the system is operating and depress the brake pedal as necessary to slow or stop the vehicle.
  If Remote control function is in operation, stop operating the dedicated smartphone app for Remote control function (hereafter, dedicated app) and stop the vehicle.
- When parking, make sure that the vehicle can be parked in the target parking space before beginning operation.
- Depending on the condition of the road surface or the vehicle, the distance between the vehicle and a parking space, etc., it may not be possible to detect a parking space or the system may not be able to provide assistance to the point the vehicle is fully parked.
- Note that if you release your foot from the brake pedal before pressing the start button, assistance will not start and the vehicle may move.
- This system will guide the vehicle to appropriate positions for changing the direction of travel, however, if you feel that the vehicle is approaching too close to an adjacent parked vehicle at any time, depress the brake pedal and change the shift position. However, if this is performed, the number of times the vehicle changes direction may increase, and the vehicle may be parked at an angle.
- As certain objects or materials, such as the following, may not be detected, make sure to check the safety of the area around your vehicle and depress the brake pedal to stop the vehicle if it may collide with an object.
  If Remote control function is in operation, stop operating the dedicated app and stop the vehicle.
  - Thin objects (wires, fences, ropes, poles, etc.) or objects that appear like thin from a certain angle of approach (signs, bicycles, etc.)
  - Materials that absorb sound waves (cotton, snow, etc.)
  - Sharp-edged objects (block walls/columns, wall corners, etc.)
  - Objects in lower places (curb stones/blocks, stairs, parking blocks, etc.)
  - Tall objects with upper sections that protrude outward (beams, etc.)
  - Objects which are not perpendicular to the ground
  - Objects to which the vehicle is approaching diagonally
  - When the surrounding area is dark, such as at night
- Even if there is an object in the target parking space, it may not be detected and assistance may be performed.

**WARNING**

- If it is likely that your vehicle will collide with a nearby vehicle, object, or person, or go over the top of a parking block, depress the brake pedal to stop the vehicle and press the Advanced Park main switch to disable the system.
  If Remote control function is in operation, stop operating the dedicated app and stop the vehicle.
- Never use only the Multimedia Display to view the area behind the vehicle. The image displayed may differ than the actual situation. Using only the screen when backing up may lead to an accident, such as a collision with another vehicle. When backing up, make sure to look directly or use the mirrors to check the safety of the area around your vehicle, especially behind the vehicle.
- When the ambient temperature is extremely low, the screen may appear dark or the displayed image may become unclear. Also, as moving objects may appear distorted or may not be able to be seen on the screen, make sure to directly check the safety of the area around your vehicle.
- In the following situations, while the vehicle is stopped and held by Advanced Park, it may be canceled and the vehicle may start moving. Immediately depress the brake pedal. Failure to do so may lead to an accident.
  If Remote control function is in operation, stop operating the dedicated app and stop the vehicle.
  - When the driver's door is opened
  - When operations instructed by the system are not performed within a certain amount of time
  - When the brake pedal is depressed and the vehicle is stopped for a certain amount of time
  - When the system malfunctions
- As the steering wheel will turn while this system is operating, pay attention to the following.
  - Be careful so that a necktie, scarf, or arm does not get caught. Keep your upper body away from the steering wheel. Also, keep children away from the steering wheel.
  - Long fingernails may be caught and when the steering wheel is rotating, leading to injury.
  - In an emergency, depress the brake pedal to stop the vehicle, and then press the Advanced Park main switch to disable the system.
    If Remote control function is in operation, stop operating the dedicated app and stop the vehicle.
- Do not allow anyone to put their hands outside of a window while this system is operating.

### To ensure correct operation of the Advanced Park

Observe the following precautions. Failing to do so may result in the vehicle being unable to be driven safely and possibly cause an accident.

- Do not use this system in situations such as the following:
  - When in areas other than common parking spaces
  - When the surface of the parking space is sand or gravel and is not clearly defined with parking space lines
  - When the parking space is not level, such as on a slope, or having differences in height, holes, or gutters
  - Mechanical parking system

**WARNING**

- Parking lot with a device which raises to contact the bottom of the vehicle
- When the road surface is frozen, slick, or covered with snow
- When it is extremely hot and the asphalt is melting
- When there are objects around the vehicle
- When there is an object between your vehicle and the target parking spot or within the target parking spot (within the displayed blue box)
- When in high pedestrian or vehicle traffic areas
- When the parking space is in a location that is difficult to park in (too narrow for your vehicle, etc.)
- When images are unclear due to dirt or snow attached to the camera lens, light being shined into the camera or shadows
- When tire chains or a compact spare tire is installed to the vehicle
- When the doors or back door are not completely closed
- When the outside rear view mirrors are folded
- When an arm is held outside of a window
- In inclement weather such as heavy rain or snow

- Make sure to use only standard sized tires, such as those that were installed to the vehicle when it was shipped from the factory. Otherwise, Advanced Park may not operate properly. Also, when the tires have been replaced, the displayed position of the lines or box displayed on the screen may become incorrect. When replacing the tires, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- In situations such as the following, it may not be possible for the system to provide assistance to a registered parking spot or to operate correctly:
  - When the tires are extremely worn or the tire inflation pressure is low
  - When carrying a heavy load
  - When the vehicle is tilted due to the carried load
  - When a heater is installed in the surface of the parking space (road surface freeze prevention heater)
  - When the wheels are misaligned, such after a wheel has been subjected to a strong impact
  - When a pedestrian or passing vehicle is detected during assistance
  - When a device, such as a towing hook, bumper protector, bumper trim, bicycle carrier, snow plow, etc., is installed
  - When something is incorrectly detected as a parking line (light, reflections from a building, difference in height on the parking surface, a gutter, painted road lines, redrawn lines, etc.)

**WARNING**

If the vehicle deviates greatly from the set parking space in any situation other than the above, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

**■ When using Remote control function (if equipped)**

- Remote control function is a function of the Advanced Park system. When using Remote control function on public roads, be sure to follow all local road traffic laws and regulations.
- Remote control function can only be used after agreeing to the disclaimer of the dedicated app.
- Remote control function can only perform some driving operations. It should only be operated by a driver with a valid driving license. While using the dedicated app, carry electronic key. While operating, do not stare at the dedicated app screen, and pay attention to the vehicle's surroundings. In an emergency, cancel the Remote control function operation and stop the vehicle.
- As with a normal vehicle, take care to observe the area around the vehicle while the vehicle is moving.
- Always pay attention to the vehicle's surroundings while the system is operating.
- Make sure that the hood is closed before operating the system.
- Remote control function is a system which assists in remote parking or exiting operations using a smartphone. When using Remote control function, the driver must carry the electronic key and smartphone and confirm the safety of the area around the vehicle.
- While using Remote control function, the vehicle can be stopped by stop operating the smartphone. The vehicle can also be stopped by executing the stop operation of the dedicated app, unlocking the doors using the electronic key, or opening a door.
- If it seems like your vehicle may contact an obstruction, etc., stop operating the smartphone and cancel Remote control function if necessary.
- Regardless of the manner of smartphone operation, system operation will only be performed at a fixed speed.
- Never drive the vehicle while staring at the smartphone screen.
- When driving, make sure to directly check the safety of the area around your vehicle.
- Do not use Remote control function when passengers or pets are in the vehicle.
- In an emergency, the system can be canceled by operating a switch on the electronic key or by opening a door.
- To use Remote control function, it is necessary to have a smartphone and the most up-to-date dedicated app.

Download the dedicated app from the app store.

- When registering the vehicle to the dedicated app, disconnect any other apps which are connected to the vehicle.
- To enable Remote control function, make sure to disable the Apple CarPlay/Android Auto™ connection.

**WARNING**

- Apple CarPlay is a trademark of Apple Inc., registered in the U.S. and other countries.
- Android Auto™ is a trademark of Google LLC.

● When parking, make sure that the vehicle can be parked in the target parking space before beginning operation.

● Only use Remote control function on level road surfaces which are not slick. Do not use Remote control function for parking spaces on a downward or upward slope.

● While Remote control function is operating, if a malfunction or system limitation is detected, the following will occur automatically:

- Remote control function will be canceled
- The vehicle will stop
- The shift position will change to P and the parking brake will be engaged
- The power switch will turn off (for some malfunctions, the power switch will not turn off or cannot be turned off. Enter the vehicle and take corrective action according to the message displayed on the smartphone.)
- The doors will remain locked

● When starting Remote control function, unlock the doors with wireless remote control by electronic key.

● When Remote control function is operating, the driver should remain within 6 m (19.7 ft.) of the vehicle. Even if the driver is within approximately 6 m (19.7 ft.), if the driver moves more than a certain distance away, Remote control function may be suspended and a message may be displayed on the smartphone. However, assistance can be resumed by approaching the vehicle.

● When Remote control function is operating, the headlights will be turned on automatically.

● If system operation is canceled due to a malfunction, the emergency flashers will flash.
The emergency flashers will turn off if any of the following conditions are met:

- A door is opened
- 3 minutes have elapsed since the emergency flashers began flashing

● Remote control function can only be started when the following conditions are met:

- When the hybrid system is starting, after assist mode is selected
- When the power switch is off

NOTICE

**■ Precautions for use Advanced Park**

If the 12-volt battery was discharged or has been removed and installed, fold and extend the outside rear view mirrors.

NOTICE

**When using Remote control function (if equipped)**

- Check the battery charge level of the smartphone before using Remote control function. If the battery of the smartphone dies while operating Remote control function, assist will be suspended. Also, if the battery charge level of the smartphone is 20% or less when attempting to start Remote control function, Remote control function will not be started.
- Enable Bluetooth® of the smartphone before using Remote control function. Remote control function cannot be used when Bluetooth® connection is disabled.
- Do not disable the Bluetooth® of the smartphone or disconnect from the multi-media system while using Remote control function. If the vehicle cannot be connected to via Bluetooth®, Remote control function cannot be used.
- While using Remote control function, if a call is received, etc., and another app is opened, Remote control function will be suspended. Assist can be resumed if the dedicated app is reopened within 3 minutes. If 3 minutes or more elapse, assist will be canceled.
- While using Remote control function, if the home button or power button of the smartphone is pressed and the screen is locked, Remote control function will be suspended. Assist can be resumed if the dedicated app is reopened within 3 minutes. If 3 minutes or more elapse, assist will be canceled.
- Do not force close the dedicated app while Remote control function is being used. If the app is force closed, assist will be canceled.
- When the ambient temperature is low, it may take time for the system to start, due to 12-volt battery charging.
- If the 12-volt battery voltage drops, assistance will be canceled.
- When using Remote control function on a slope, the vehicle speed will be slower and the distance that the vehicle will approach objects will become longer than when on a level road surface.
- If a system temporary failure occurs, after the vehicle is stopped by the electronic parking brake or the shift position being changed to P, the power switch may turn off and the system may be canceled. In this case, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- If a system malfunction occurs, assistance may be temporarily suspended. If the system returns to normal, operation can be resumed. Follow the content on the smartphone screen to resume operation.
- If the hybrid system has been started using a remote start, the remote control function may not operate properly.
- After Remote control function completes, the parking brake will be engaged as per regulations. As the parking brake may freeze and not be able to be released, avoid using Remote control function in extremely cold areas. Also, if the parking brake freezes, it may make a noise when it is released. However, this does not indicate a malfunction.

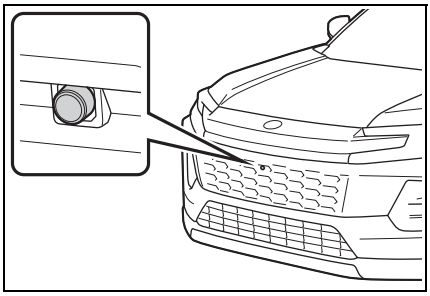
NOTICE

- Do not use Remote control function when the electronic key battery is depleted.

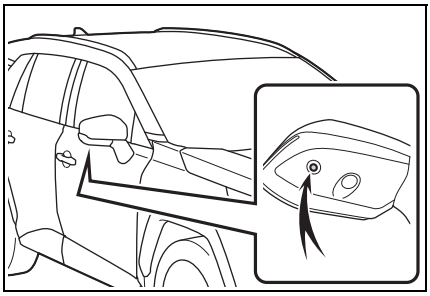
## Types of cameras and sensors used for the Advanced Park

Cameras and sensors are used to detect parked vehicles, making it easier to identify parking spaces.

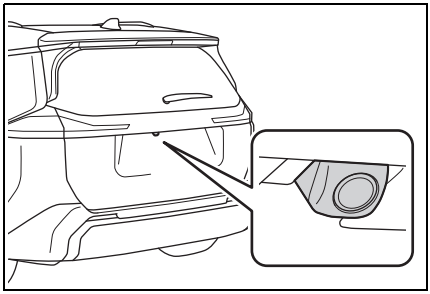
▶ Front camera



▶ Side cameras



▶ Rear camera



▶ Sensors

→P.366

**■ Camera images**

As special cameras are used, the colors in displayed images may differ from the actual color.

**■ Precautions for use**

For details on the following, refer to “Panoramic View Monitor” in the “Multimedia owner’s manual”.

- Displayable range of the screens
- Cameras
- Differences between displayed images and the actual road
- Differences between displayed images and the actual objects

**■ Detection range of the cameras and sensors**

- If a parked vehicle is behind the target parking space and the distance between it and the vehicle becomes far, it may no longer be able to be detected. Depending on shape or condition of a parked vehicle, the detection range may become short or the vehicle may not be detected.
- Objects other than parked vehicles, such as columns, walls, etc., may not be detected. Also, if they are detected, they may cause the target parking space to be misaligned.

### Situations in which parking space lines may not be recognized properly

● In situations such as the following, parking space lines on the road surface may not be detected:

- When the parking space does not use lines (parking space boundaries are marked with rope, blocks, etc.)
- When the parking space lines are faded or dirty, making them unclear
- When the road surface is bright, such as concrete, and the contrast between it and the white parking space lines is small
- When the parking space lines are any color other than yellow or white
- When the area surrounding the parking space is dark, such as at night, in an underground parking lot, parking garage, etc.
- When it is raining or has rained and the road surface is wet and reflective or there are puddles
- When the sun is shining directly into a camera, such as in the early morning or evening
- When the parking space is covered with snow or de-icing agent
- When there marks from repairs or other marks on the road surface, or there is a traffic bollard, or other object on the road surface
- When the color or brightness of the road surface is uneven
- When a camera has been splashed by hot or cold water and the lens has fogged up
- When the appearance of the parking space is affected by the shadow of the vehicle or trees
- When a camera lens is scratched, dirty, or covered with water droplets

● In situations such as the following, the target parking space may not be recognized correctly:

- When there marks from repairs or other marks on the road surface, or there is a parking block, traffic bollard, or other object on the road surface
- When it is raining or has rained and the road surface is wet and reflective or there are puddles
- When the area around the vehicle is dark or backlit
- When the color or brightness of the road surface is uneven
- When the parking space is on a slope
- When there are diagonal lines (access aisle) near the parking space
- When the appearance of the parking space is affected by the shadow of a parked vehicle (such as shadows from the grille, side step, etc.)
- When accessories which obstruct the view of the camera are installed
- When the parking space lines are faded or dirty, making them unclear
- When the appearance of the parking space is affected by the shadow of the vehicle or trees

### Sensor detection information

→P.368

### Objects which the sensor may not be properly detected

→P.368

### Situations in which the sensor may not operate properly

→P.369

### Situations in which parking assistance may not operate even if there is no possibility of a collision

→P.369

**WARNING**

### Precautions for the cameras and sensors

● Due to the characteristics of the camera lens, the position of and distance to people and objects displayed on the screen may differ from the actual situation. For details, refer to “Multimedia owner’s manual”.

● Make sure to observe the precautions for using the Parking Assist-Sensor, otherwise a sensor may not operate correctly, possibly leading to an accident. (→P.367)

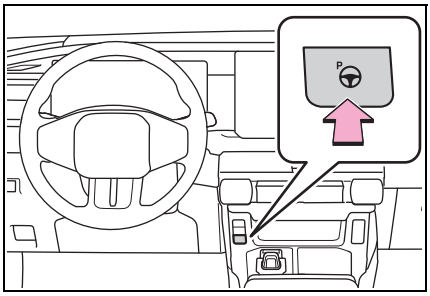
**WARNING**

- In situations such as the following, the sensors may not operate correctly, possibly leading to an accident. Proceed carefully.
  - When there is a parked vehicle next to the target parking space, if the displayed target parking space is far from the actual target parking space, a sensor may be misaligned. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
  - Do not install any accessories near the detection area of the sensors.

## Turning the Advanced Park system on/off

Press the Advanced Park main switch.

If the switch is pressed while assistance is being performed, the assistance will be canceled.



### Operating conditions of the Advanced Park

Assistance will begin when all of the following conditions are met:

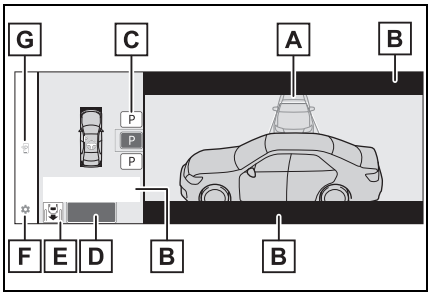
- The brake pedal is depressed
- The vehicle is stopped
- The driver's seat belt is fastened
- The steering wheel is not being operated
- The accelerator pedal is not depressed
- All of the doors and the back door are closed
- The outside rear view mirrors have not been electronically folded
- The parking brake is not engaged
- The dynamic radar cruise control are not operating
- ABS, VSC, TRC, PCS and PKSB are not operating
- Trail Mode and snow mode are not operating (AWD vehicles)
- The vehicle is not towing a trailer or another vehicle
- The vehicle is not on a steep slope
- The VSC and TRC are not turned off

If assistance cannot be started, check the message displayed on the Multimedia Display. (→P.425)

## Advanced Park guidance screens

Guidance screens are displayed on the Multimedia Display.

▶ Guidance screen (When assistance starts)




A Target parking space box (blue)

B Advice display

### C Parking type change button

If multiple buttons are displayed, depending on the condition of the button its function differs as follows.

P or P : Change the target to another parking space.

P or P : Select the current target parking space.

: Select to change to the parallel parking function

: Change the perpendicular parking (forward/reverse) function

### D "Start" button

Select to start parking assistance.

### E Perpendicular parking direction change button

Select to change between the parking (forward) function and parking (reverse) function

: Change the perpendicular parking (forward) function

: Change the perpendicular parking (reverse) function

### F Customize setting button

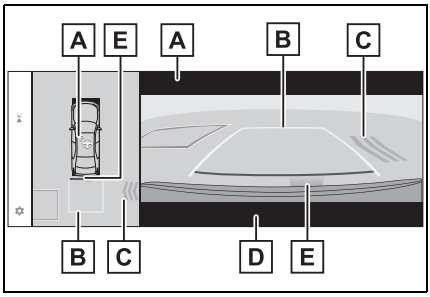
Select to display the Advanced Park setting screen. (→P.423)

### G Remote control function start button*

Select to start parking assistance operation on the smartphone display.

*: If equipped

▶ Guidance screen (When reversing)




### A Operation icon

Displayed when the Advanced Park is operating.

### B Guide lines (yellow and red)

Display points from the center of the edge of the front or rear bumper to the target stopping position (yellow) * and approximately 0.3 m (1 ft.) (red) from the vehicle.

### C Moving object warning icon

### D Emergency support brake control operation display

"BRAKE!" is displayed.

### E Parking Assist-Sensor display

→P.366

*: The yellow lateral line is not displayed when the target stopping position is approximately 2.5 m (8.2 ft.) or more away from the vehicle.

**■ Parking Assist-Sensor pop-up display**

Regardless of whether the Parking Assist-Sensor is off or on (→P.366), if an object is detected by the Parking Assist-Sensor when the Advanced Park is operating, the Parking Assist-Sensor pop up display will automatically be dis-

played over the guidance display.

■ **Brake control operation when Advanced Park is operating**

While the Advanced Park is operating, if the system determines that the possibility of collision with detected moving or stationary object is high, the hybrid system output restriction control and brake control will operate.

If brake control operates, Advanced Park operation will be suspended and a message will be displayed on the multi-information display.

■ **Buzzer**

Depending on surrounding sounds or sounds from other systems, it may be difficult to hear the buzzer of this system.

■ **If a black screen is displayed on the Multimedia Display when the Advanced Park is operating**

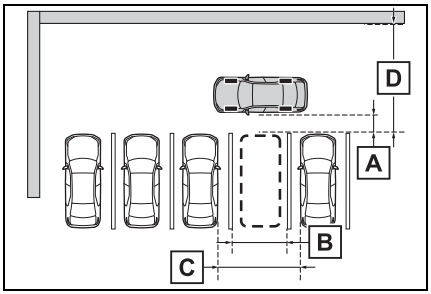
The system is being affected by radio waves or may be malfunctioning. If a radio antenna is installed near a camera, move it to a location as far from the cameras as possible. If a radio antenna is not installed near a camera, and the screen does not return to normal after turning the power switch off and then starting the hybrid system again, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

## Perpendicular parking (forward/reverse) function

The perpendicular parking (forward/reverse) function can be used if the target parking space can be detected when the vehicle is stopped close and perpendicular to the center of the parking space. Also, depending on the condition of the parking space, etc., if it is necessary to change the direction of travel of the vehicle, the shift position can be changed by assistance control.

### Parking using the perpendicular parking (forward/reverse) function

1 Stop the vehicle at a position close and perpendicular to the center of the target parking space.




A Approximately 1 m (3.3 ft.)*

B With parking space lines: Approximately 2.5 m (8.2 ft.)*

C With adjacent parked vehicles: Approximately 3 m (9.8 ft.) or more*

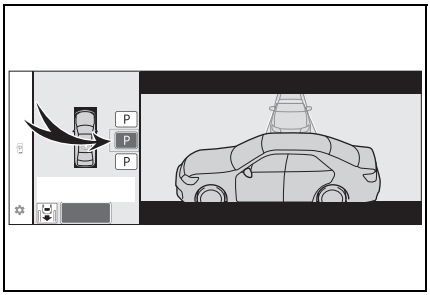
D Perpendicular parking (reverse): Approximately 5.5 m (18.0 ft.) or more*
Perpendicular parking (forward): Approximately 7.5 m (24.6 ft.) or more*

*: This is a reference measurement for detection of a parking space. Depending on the surrounding environment, detection may not be possi-

ble.

2 Press the Advanced Park main switch. (→P.406)

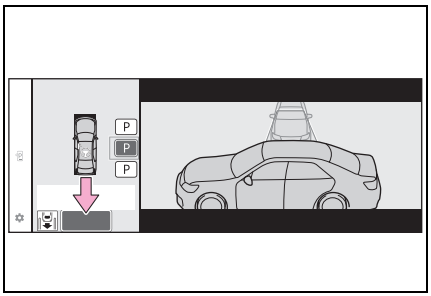
3 Check that a possible parking space is displayed on the Multimedia Display.



- If a space which your vehicle can be parked is detected, a target parking space box will be displayed.
- If it is possible to parallel park in the space, select the parking space, and then select (P) to change to the parallel parking function.
- If it is possible to change the direction which a parking space is entered, select the parking space, and then select or change the direction.
- Depending on the surrounding environment, it may not be possible to use this function. According to the information displayed on the Multimedia Display, use the function on another parking space.

4 Select “Start” button.

A buzzer will sound, an operation message will be displayed on the multi-information display, and assistance will begin operating.



- When the brake pedal is released, “Moving Forward...”, “Backing Up...” will be displayed and the vehicle will begin moving forward/reverse.
- To cancel assistance, press the Advanced Park main switch.

If assistance is canceled, “Advanced Park Cancel” will be displayed.

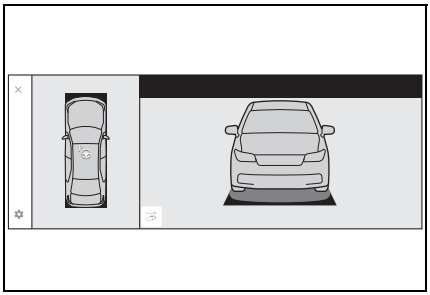
If you feel that the vehicle is approaching close to a surrounding vehicle, object, person, or gutter: →P.410

5 Perform operations as indicated by the advice displays until the vehicle stops in the target parking space.

When the vehicle stops, “Advanced Park Finished” will be displayed and parking assistance will end.

If you select on the Multimedia Display, the vehicle displayed on the park-

ing assist completion screen will rotate.



■ **If you feel that the vehicle is approaching close to a surrounding vehicle, object, person, or gutter**

Depress the brake pedal to stop the vehicle and then change the shift position to change the direction of travel of the vehicle. At this time, assist will be suspended. However, if the “Start” button is selected, assist will resume and the vehicle will move in the direction corresponding to the selected shift position.

■ **When the brakes have been operated**

When the brakes have been operated, brake operation sound may be heard. This does not indicate a malfunction.

NOTICE

■ **When using the perpendicular parking (forward/reverse) function**

- Make sure that there are no obstructions within the yellow guide lines and between the vehicle and target parking spot. If there are any obstructions between the vehicle and the target parking space, or between the yellow guide lines, cancel the function.
- As the target parking space will not be able to be set correctly if the surface of the parking space is on a slope or has differences in height, the vehicle may stray from the target parking space or be slanted. Therefore, do not use the function for this kind of parking spot.
- When parking in a narrow parking space, the vehicle may closely approach an adjacent parked vehicle. If a collision seems likely, depress the brake pedal to stop the vehicle.
- If a detected parked vehicle is narrow or parked extremely close to the curb, the position at which assistance will park the vehicle will also be close to the curb. If it seems likely the vehicle will collide with something or drive off of the road, depress the brake pedal to stop the vehicle, and then press the Advance Park main switch to disable the system.

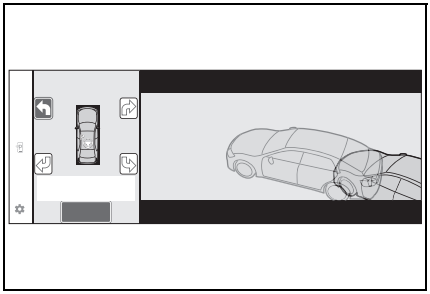
## Advanced Park perpendicular exiting (forward/reverse) function

When exiting from a perpendicular parking space, if the system determines that exit is possible the perpendicular exiting (forward/reverse) function can be used. Also, depending on the surrounding environment, if it is necessary to change the direction of travel of the vehicle, the shift position can be changed by assistance control.

### Leaving a parking space using the perpendicular exiting (forward/reverse) function

1 With the brake pedal depressed and P shift position selected, press the Advanced Park main switch. (→P.406)

2 Check that the exit direction selection screen is displayed on the Multimedia Display.

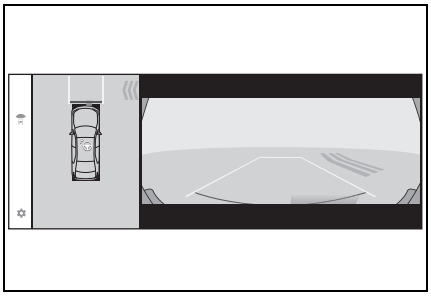


3 Select an arrow on the Multimedia Display to select the direction you wish to exit.

If the turn signal lever is operated, only exit to the left or right can be selected.

4 Depress the brake pedal and select “Start” button.

A buzzer will sound, an operation message will be displayed on the multi-information display, and assistance will begin operating.



To cancel assistance, press the Advanced Park main switch. If assistance is canceled, “Advanced Park Cancel” will be displayed.

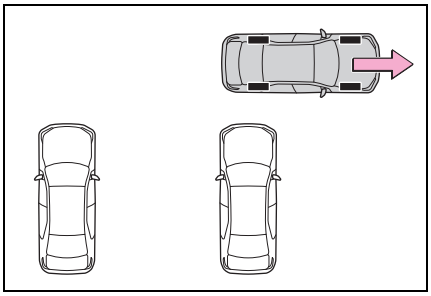
If you feel that the vehicle is approaching close to a surrounding vehicle, object, person, or gutter: →P.410

5 Perform operations as indicated by the advice displays until the vehicle is in a position where exit is possible.

When the vehicle reaches a position where exit is possible, “You can exit by moving the steering wheel” will be displayed. If the steering wheel is operated, “Advanced Park Finished” will be displayed and assistance will end.

As assistance will end while the vehicle is moving, grip the steering wheel and drive forward.

If the steering wheel is not operated, the vehicle will stop at the exit position. Assistance can be ended by depressing the accelerator pedal or brake pedal.



■ **If you feel that the vehicle is approaching close to a surrounding vehicle, object, person, or gutter**

→P.410

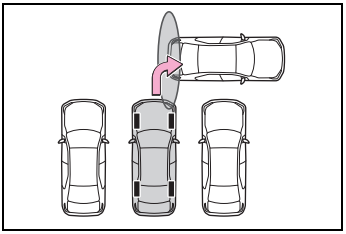
■ **Perpendicular exiting (forward/reverse) function**

Do not use perpendicular exiting (forward/reverse) function in any situation other than when exiting a perpendicular parking spot. If assistance is started unintentionally, depress the brake pedal and stop the vehicle, then press the Advanced Park main switch to cancel assistance.

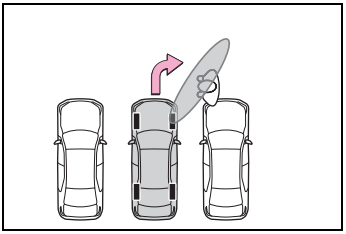
■ **Situations in which the perpendicular exiting (forward/reverse) function will not operate**

In situations such as the following, the perpendicular exiting (forward/reverse) function will not operate:

- When a vehicle which is waiting to park is in the exit direction



- When a wall, column, or person is detected as near a front or rear center or corner sensor



■ **When the brakes have been operated**

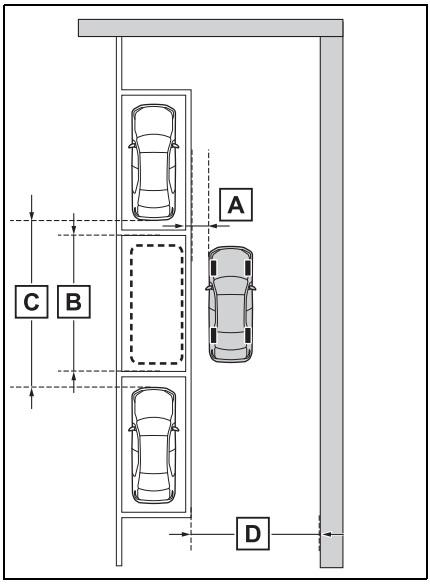
→P.410

## Advanced Park parallel parking function

The parallel parking function can be used if the target parking space can be detected when the vehicle is stopped close and aligned with the center of the parking space. Also, depending on the condition of the parking space, etc., if it is necessary to change the direction of travel of the vehicle, the shift position can be changed by assistance control.

### Parking using the parallel parking function

1 Stop the vehicle with it aligned near the center of the target parking space.




A Approximately 1 m (3.3 ft.)*

B With parking space lines: Approximately 6 m (19.7 ft.)*

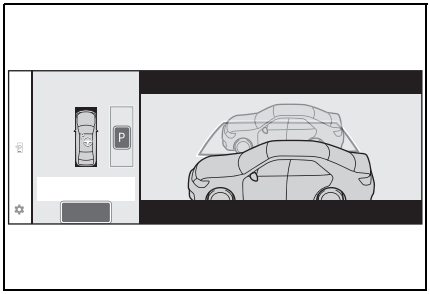
C With parked vehicles: Approximately 7 m (23.0 ft.) or more*

D Approximately 4.5 m (14.8 ft.) or more*

*: This is a reference measurement for detection of a parking space. Depending on the surrounding environment, detection may not be possible.

2 Press the Advanced Park main switch. (→P.406)

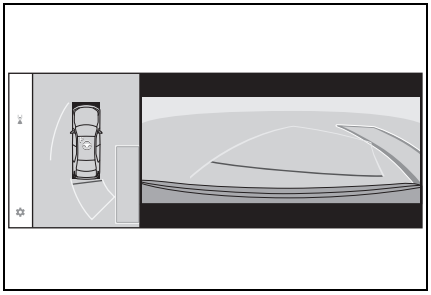
3 Check that a possible parking space is displayed on the Multimedia Display.



- If a space which your vehicle can be parked is detected, a target parking space box will be displayed.
- If it is possible to perpendicular parking (forward/reverse) in the space, select the parking space, and then select to change to the perpendicular parking (forward/reverse) function.
- Depending on the surrounding environment, it may not be possible to use this function. According to the information displayed on the Multimedia Display, use the function on another parking space.

4 Select “Start” button.

A buzzer will sound, an operation message will be displayed on the multi-information display, and assistance will begin operating.



- When the brake pedal is released, “Moving Forward...” will be displayed and the vehicle will begin moving forward.
- To cancel assistance, press the Advanced Park main switch.

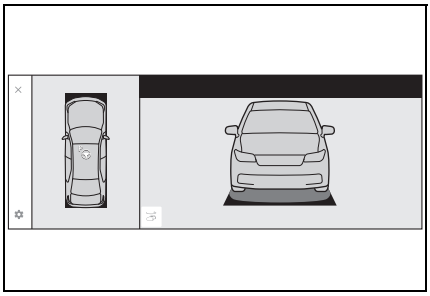
If assistance is canceled, “Advanced Park Cancel” will be displayed.

If you feel that the vehicle is approaching close to a surrounding vehicle, object, person, or gutter: →P.410

5 Perform operations as indicated by the advice displays until the vehicle stops in the target parking space.

When the vehicle stops, “Advanced Park Finished” will be displayed and parking assistance will end.

If you select on the Multimedia Display, the vehicle displayed on the parking assist completion screen will rotate.

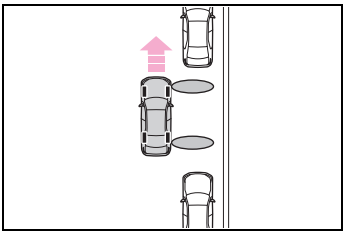


### If you feel that the vehicle is approaching close to a surrounding vehicle, object, person, or gutter

→P.410

### If “No available parking space” is displayed

Even if the vehicle is stopped parallel to a parking space, an adjacent parked vehicle may not be detected. In this case, if the vehicle is moved to a position that a parked vehicle can be detected, assistance can be started.



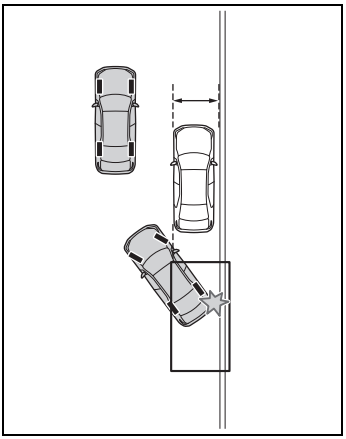
### When the brakes have been operated

→P.410

NOTICE

### When using the parallel parking function

- Make sure that there are no obstructions within the yellow guide lines and between the vehicle and target parking spot. If any obstructions are detected within the yellow guide lines or between the vehicle and the target parking space, the parallel parking function will be canceled or suspended.
- As the target parking space will not be able to be set correctly if the surface of the parking space is on a slope or has differences in height, the vehicle may stray from the target parking space or be slanted. Therefore, do not use the parallel parking function for this kind of parking spot.
- If an adjacent parked vehicle is narrow or parked extremely close to the curb, the position at which assistance will park the vehicle will also be close to the curb. If it seems likely the vehicle will collide with the curb or drive off of the road, depress the brake pedal to stop the vehicle, and then press the Advanced Park main switch to disable the system.



NOTICE

- If there is a wall or other barrier on the inner side of the parking space, the vehicle may stop at a position slightly outside of the set target parking space.

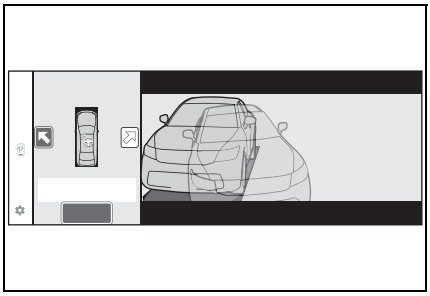
## Advanced Park parallel exiting function

When exiting from a parallel parking space, if the system determines that exit is possible the parallel exiting function can be used. Also, depending on the surrounding environment, if it is necessary to change the direction of travel of the vehicle, the shift position can be changed by assistance control.

### Leaving a parking space using the parallel exiting function

1 With the brake pedal depressed and P shift position selected, press the Advanced Park main switch. (→P.406)

2 Check that the exit direction selection screen is displayed on the Multimedia Display.



3 Select an arrow on the Multimedia Display to select the direction you wish to exit.

If the turn signal lever is operated, only exit to the left or right can be selected.

4 Depress the brake pedal and select “Start” button.

A buzzer will sound, an operation message will be displayed on the multi-information display, and assistance will begin operating.

To cancel assistance, press the Advanced Park main switch.

If assistance is canceled, “Advanced Park Cancel” will be displayed.

If you feel that the vehicle is approaching close to a surrounding vehicle, object, person, or gutter: →P.410

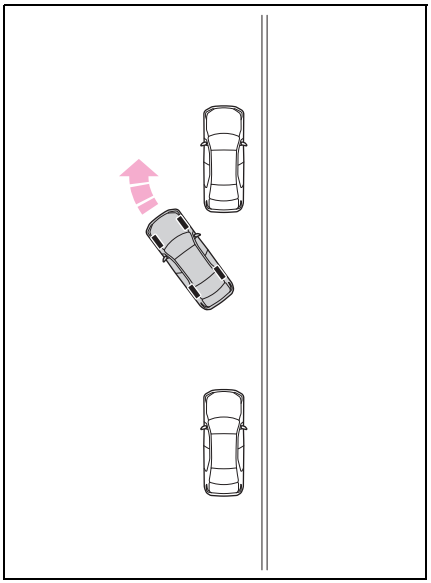
5 Perform operations as indicated by the advice displays until the vehicle is in a position where exit is possible.

When the vehicle reaches a position where exit is possible, “You can exit by moving the steering wheel” will be displayed. If the steering wheel is operated, “Advanced Park Finished” will be displayed and assistance will end.

As assistance will end while the vehicle is moving, grip the steering wheel and drive forward.

If the steering wheel is not operated, the vehicle will stop at the exit position. Assistance can be ended by depressing the accelerator pedal or brake

pedal.



■ **If you feel that the vehicle is approaching close to a surrounding vehicle, object, person, or gutter**

→P.410

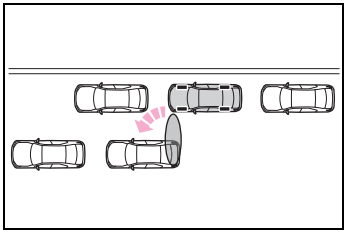
■ **Parallel exiting function**

Do not use parallel exiting function in any situation other than when exiting a parallel parking spot. If assistance is started unintentionally, depress the brake pedal and stop the vehicle, then press the Advanced Park main switch to cancel assistance.

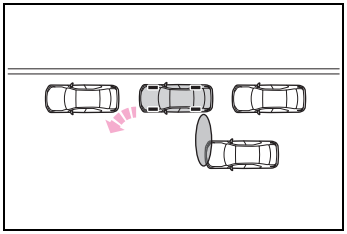
■ **Situations in which the parallel exiting function will not operate**

In situations such as the following, the parallel exiting function will not operate:

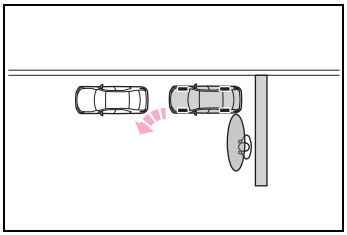
- When vehicles waiting at a traffic signal in the exit direction



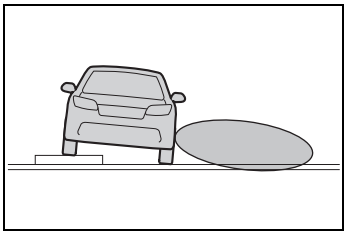
- When a vehicle is stopped in the area behind where the vehicle will exit



- When a wall, column, or person is detected as near a front or rear side sensor



- When the vehicle has been parked on a curb and a side sensor detects the road surface



- When a vehicle is not parked in front of the vehicle
- When there is excessive space between the front of the vehicle and a parked vehicle

■ **When the brakes have been operated**

→P.410

## Remote control function (if equipped)

A smartphone can be used to remotely operate the parking functions and exit functions. Also, assistance can be provided to remotely move the vehicle forward or backward into a garage, etc.

### Parking using Remote control function

A smartphone can be used to remotely operate the parking function if the target parking space can be detected when the vehicle is stopped close and perpendicular to the center of the parking space. Also, depending on the condition of the parking space, etc., if it is necessary to change the direction of travel of the vehicle, the shift position can be changed by assistance control.

1. Stop the vehicle with it aligned near the center of the target parking space. (→P.408, 412)
2. Press the Advanced Park main switch. (→P.406)
3. Check that a possible parking space is displayed on the Multimedia Display. (→P.408, 412)
4. Select and then select “Perpendicular/parallel”.
5. Select “OK” button.
6. Exit the vehicle while carrying the electronic key and smartphone, and then start the dedicated app.

If there is an obstruction in the path of the vehicle, move it before parking the vehicle. An obstruction can also be moved after exiting the vehicle.

7. From outside of the vehicle, confirm the parking space on the screen of the smartphone and then execute the start operation.

Start operation of Remote control function while standing approximately 50 cm (1.6 ft.) or more from the vehicle and out of the path of the vehicle.

8. Checking the safety of the area around the vehicle, operate the screen of the smartphone.

While continuously operating the operation area, the vehicle will move and parking assistance will be performed. Standing next to the vehicle and moving together with the vehicle makes it less likely that assistance will be suspended.

If operation of the screen of the smartphone is stopped, assistance can be suspended and the vehicle can be stopped.

When the operation of the screen of the smartphone is resumed to move the vehicle, the vehicle will be locked automatically before moving.

9. When the parking space is reached, after the vehicle is stopped by the parking brake, the shift position will be changed to P, the power switch will be turned off, and the doors will be locked.

A completion screen will be displayed on the smartphone.

■ **The parking function can be used even if obstructions exist if**

- When using the parking functions at a parking space made of white lines, even if an obstruction exists in the parking space, the space can be set as the target parking space. This allows for assistance to continue after setting a parking space from inside the vehicle and then exiting the vehicle to move an obstruction, such as a traffic cone placed in a handicapped parking space.
- When perpendicular parking using Advanced Park, 3 parking spaces on each side of the vehicle (up to 6 total) can be detected. However, when using Remote control function, only 1 parking space on each side of the vehicle can be detected.

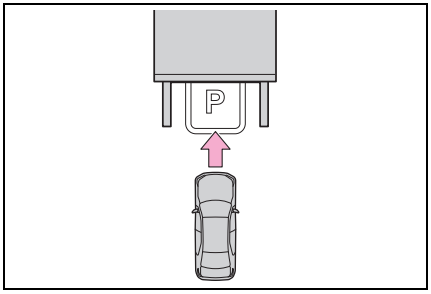
■ **When the brakes have been operated**

→P.410

## Moving the vehicle forward and backward using Remote control function

After the vehicle is stopped, assistance can be provided to move the vehicle into a garage, etc., by using the forward and backward movement function.

1 Stop the vehicle at the location you would like to start assistance.




2 Press the Advanced Park main switch. (→P.406)

3 Select and then select “Forward/reverse”.

4 Adjust as necessary using direction keys then select “OK” button.

5 Exit the vehicle while carrying the electronic key and smartphone, and then start the dedicated app.

6 From outside of the vehicle, confirm the direction of travel on the screen of the smartphone and then execute the start operation.

Start operation of Remote control function while standing approximately 50 cm (1.6 ft.) or more from the vehicle and out of the path of the vehicle.

7 Checking the safety of the area around the vehicle, operate the screen of the smartphone.

While continuously operating the operation area, the vehicle will move and forward and reverse movement assistance will be performed. Standing next

to the vehicle and moving together with the vehicle makes it less likely that assistance will be suspended.

If operation of the screen of the smartphone is stopped, assistance can be suspended and the vehicle can be stopped.

While assistance is being performed, it can be stopped part way or the direction of travel of the vehicle can be changed.

8 Execute the power-off operation of the vehicle on the screen of the smartphone.

The power switch will then turn OFF and the doors will lock automatically.

**■ Changing the direction of travel**

While assistance is being performed, the direction of travel of the vehicle can be changed by the forward and reverse movement function.

When there is a wall behind the vehicle, etc., by executing a change in the direction of travel on the screen of the smartphone, the vehicle can be slightly moved forward to allow loading of items and then moved back to its original position.

**■ When the brakes have been operated**

→P.410

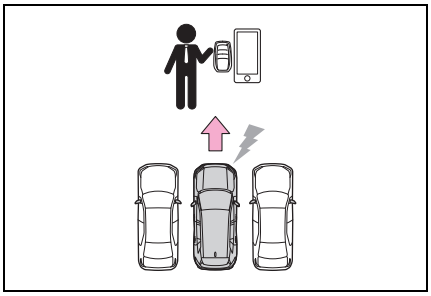
## Exiting using Remote control function

Assistance can be provided to exit from a perpendicular or parallel parking space when the power switch OFF.

When forward and backward movement is selected, the maximum distance the vehicle can move is 7 m (23.0 ft.) from the starting point and possible to change the direction of travel.

1 While near the parked vehicle, start the dedicated app.

If the dedicated app cannot connect to the vehicle, use the electronic key to unlock the doors.



2 Execute the start operation on the screen of the smartphone.

The power switch will change to ON.

3 Check that a possible exit direction is displayed, select the exit direction.

4 Checking the safety of the area around the vehicle, operate the screen of the smartphone.

While continuously operating the operation area, the vehicle will move and departure assistance will be performed. Standing next to the vehicle and moving together with the vehicle makes it less likely that assistance will be suspended.

If operation of the screen of the smartphone is stopped, assistance can be suspended and the vehicle can be stopped.

While assistance is being performed, it can be stopped part way or the direction of travel of the vehicle can be changed.

5 Move the vehicle to the position where assistance ends and

enter the vehicle while carrying the electronic key.

To stop assistance part way, stop operating the smartphone or enter the vehicle.

**■ When the brakes have been operated**

→P.410

## Preparation before using Remote control function

### ■ Preparation before using

Make sure to perform the following before using Remote control function:

1. Download the dedicated app from the app store.
2. Turn the power switch to ON and register the smartphone as a Bluetooth® device to the multimedia system.

For details on registering a Bluetooth® device, refer to the “Multimedia owner’s manual”.

3. Start the dedicated app and register the vehicle.
4. The registered vehicle will be displayed on the screen of the smartphone. Select the vehicle.

The name and image of the vehicle can be changed on the new vehicle registration screen.

Vehicles can be added through the menu screen.

### ■ Remote control function on/off

1. Select and then select “Advanced Park” on the Multimedia Display.
2. Select “Remote Park” to turn it on/off. (The default setting is on.)
3. Press the Advanced Park main switch. (→P.406)

If the switch is pressed while assistance is being performed, the assistance will be canceled.

4. Select the button displayed on the Multimedia Display.

NOTICE

**■ Remote control function**

- When using Remote control function, make sure carry an electronic key in your pocket, etc.
- If an electronic key is held together with a smartphone, etc., the electronic key may not be able to be detected.
- Vehicles with a Digital Key: Remote control function cannot be used when carrying only a Digital Key. The driver should always carry the electronic key.
- When entering the vehicle after using Remote control function, make sure that the electronic key is brought into the vehicle and all of the doors are closed.
  Vehicles with a power easy access system: After entering the vehicle and ending Remote control function operation, the seat return function will operate when the driver’s seat belt is fastened or the brake pedal is depressed.

NOTICE

- If the power switch is turned off when Remote control function operation has finished or been canceled, the doors will be locked automatically. However, if a door is open, it may not be locked. Check the vehicle condition after Remote control function operation has finished.
- When the doors are locked after Remote control function operation has finished or been canceled, an alarm may sound if someone is detected inside the vehicle.

**■ Situations in which the function may not operate correctly**

- When the functions of the smart entry & start system may not operate correctly (→P.162)
- When the vehicle is near fluorescent lights
- Radio wave interference: →P.164

**■ Electronic key battery consumption**

- When Remote control function is being used, the electronic key battery will be used as the electronic key will continuously send and receive radio waves.
- If the electronic key battery is depleted: →P.530

**■ Situations in which the sensors may not operate properly (→P.369)**

- When using Remote control function, visibility of the area around the vehicle may be limited. Make sure to check the following when using Remote control function:
  - The vehicle and area around the vehicle are clearly visible
  - There are no people, animals, or objects in the path of the vehicle
  - An appropriate distance from the vehicle can be maintained and the safety of yourself and others can be ensured
  - Caution for the area around the vehicle is always maintained and there is no potential for danger
  - You can cancel Remote control function immediately if necessary

## Advanced Park cancelation/suspension

**■ Assistance will be canceled when**

In situations such as the following, Advanced Park operation will be canceled. Firmly hold the steering wheel and depress the brake pedal to stop the vehicle.

As system operation has been canceled, begin the operation again or continue parking manually, using the steering wheel.

- The Advanced Park main switch is pressed
- The shift position has been changed to P
- The parking brake is engaged
- A door or the back door is opened
- The driver's seat belt is unfastened
- The outside rear view mirrors are electronically folded
- The TRC or VSC is turned off
- The TRC, VSC or ABS operates

- Trail Mode switch or snow mode switch is pressed (AWD vehicles)
- The vehicle is towing a trailer or another vehicle
- The power switch is pressed
- The system determines assistance cannot be continued in the current parking environment
- The system malfunctions
- While the vehicle was stopped, “Cancel” was selected on the Multimedia Display

### ■ Assistance will be suspended when

In situations such as the following, Advanced Park operation will be suspended.

Assistance can be started again by following the directions displayed on the Multimedia Display.

Also, when assistance is suspended, if the shift position is changed twice with the brake pedal depressed, assistance will be canceled in that shift position. However, if assistance is suspended by changing the shift position, assistance will be canceled if the shift position is changed once.

- The steering wheel is operated
- The accelerator pedal is depressed
- The shift position has been changed
- A moving object or stationary object that may collide with your vehicle has been detected, resulting in the operation of the hybrid system output control/braking control.
- Camera switch is pressed

### ■ Remote control function assistance (if equipped) will be canceled when

In situations such as the following, Remote control function operation will be canceled.

As system operation has been canceled, while carrying an electronic key, enter the vehicle and park the vehicle manually, using the steering wheel.

- When a condition for stopping Advanced Park assistance is met, with the exception suspension due to a door being opened or the driver’s seat belt being released
- When 5 minutes have elapsed since Remote control function operation was started
- When 3 minutes have elapsed since any operation was performed
- When 30 seconds have elapsed with the vehicle not being able to be driven, even though the screen of the smartphone is being operated to drive the vehicle
- When the power-off operation of the vehicle is executed on the

screen of the smartphone

- When the dedicated app is force closed
- When the vehicle is on a steep slope
- When an electronic key is detected inside the vehicle while Remote control function operation is suspended
- When the ambient temperature is -10°C (14°F) or less

■ **Remote control function assistance (if equipped) will be suspended when**

In situations such as the following, assistance will be suspended.

- When the Bluetooth® communication between the smartphone and multimedia system get lost
- When an operation on the smartphone is suspended
- When the dedicated app is pushed to the background (a call is received, the home button is pressed, etc.)
- When electronic key does not detected
- When there is an obstruction in the movement direction of the vehicle
- When the vehicle is operated while it is being driven by assistance
- When the electronic key is operated while it is being driven by assistance
- When the door is unlocked while it is being driven by assistance
- When a door is opened while the vehicle is being driven

## Changing the Advanced Park settings

Press the Advanced Park main switch, and select ⚙ on the Multimedia Display, and then select “Advanced Park”.

■ **Remote Park (if equipped)**

Remote control function can be turned on/off.

■ **Speed profile**

The vehicle speed for when assistance is performed can be set.

■ **Obstacle detection range**

The distance from which obstacles will be avoided while assistance is being performed can be set.

■ **Preferred parking method**

The preferred parking method displayed when at a parking space which perpendicular (forward/reverse) or parallel parking is possible can be set.

■ **Preferred parking direction**

The preferred parking direction displayed when it is possible to pull perpendicular forward or reverse into a parking space can be selected.

■ **Preferred exit direction (perpendicular)**

The preferred exit direction displayed when it is possible to pull forward or reverse to the left or right out of a parking space can be selected.

■ **Preferred exit direction (parallel)**

The preferred exit direction displayed when it is possible to exit to the left or right from a parallel parking space can be selected.

■ **Camera view when parking**

The display angle of the camera image when using the perpendicular parking (forward/reverse) function or parallel parking function can be set.

■ **Camera view when exiting**

The display angle of the camera image when using the perpendicular exiting (forward/reverse) function or parallel parking exit function can be set.

■ **Parking path adjustment**

The course for when parking assistance is operating can be adjusted inward or outward.

If the tires are worn, the path of vehicle may be offset from the center of the parking space. In this case, use this setting to adjust the parking course.

■ **Road width adjustment**

When parking assistance is started, the amount of lateral movement while the vehicle is moving forward can be adjusted.

■ **Park position adjustment (forward)**

The position at which perpendicular parking (forward) is completed can be adjusted.

■ **Park position adjustment (reverse)**

The position at which perpendicular parking (reverse) is completed can be adjusted.

■ **Rear accessory setting**

If an accessory, such as a trailer hitch, has been installed to the rear of the vehicle, the length of the rear of the vehicle can be adjusted to help avoid colliding with objects to the rear of the vehicle.

NOTICE

- Take care when using the park position adjustment (forward) or park position adjustment (reverse) for adjusting because the vehicle may collide with parking blocks, curb stones, or other low objects.
- If it is likely that your vehicle will collide with a nearby vehicle/object, parking block, curb stone, etc., depress the brake pedal to stop the vehicle and press the Advanced Park main switch to disable the system.

## Changing the dedicated app settings (for Remote control function)

### ■ Parking Assist-Sensor warning sound ON/OFF (Smartphone setting)

The warning sounds of the Parking Assist-Sensor from the dedicated app can be enabled/disabled.

### ■ Parking Assist-Sensor warning sound volume adjustment (Smartphone setting)

The volume of the warning sounds of the Parking Assist-Sensor can be adjusted from the dedicated app.

## Advanced Park displayed messages

The operating state, assistance operation, etc. of the Advanced Park is displayed on the Multimedia Display. If a message is displayed, respond according to the content displayed.

### ■ If “No available parking space” is displayed

Move the vehicle to a location where a parking space or parking lines can be detected.

### ■ If “Unavailable in current condition” is displayed

Move the vehicle to another location and use the system.

### ■ If “Not enough space to exit” is displayed

The parallel parking exit function cannot be used due to a situation such as the distance between your vehicle and vehicles parked in front of and behind your vehicle being short, the existence of an object in the exit direction, etc.

Check the conditions of the area around your vehicle and exit from the parking space manually.

### ■ If “Cannot control speed” is displayed

The system judged that it cannot adjust the speed of the vehicle when using the system in an area with a slope or step and assistance was canceled.

Use the system in a level location.

### ■ If “Obstacle detected” is displayed

As a moving object or stationary object that may collide with your vehicle has been detected, the hybrid system output control/braking control operates to suspend Advanced Park assistance.

Check the condition of the surrounding area. To resume assistance, select the “Start” button on the Multimedia Display.

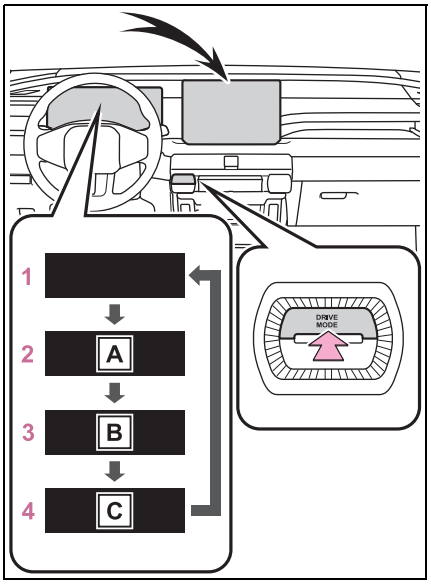
## Driving mode select switch

**The driving modes can be selected to suit the driving and usage conditions.**

### Selecting a driving mode

Modes can be changed by pressing the “DRIVE MODE” switch. (The mode changes each time the switch is pressed.)

The preferred mode can be selected from the driving modes displayed on the multimedia display or multi-information display.




A “ECO”

B “SPORT”

C “CUSTOM”

**1** NORMAL mode

Suitable for normal driving.

**2** ECO mode

Suitable for driving to improve fuel economy by more smoothly generating torque in response to accelerator pedal operations compared to normal mode and restraining air conditioning system operations (heating/cooling).

Eco drive mode indicator illuminates.

**3** SPORT mode

Controls the steering feeling and hybrid system to create an acceleration response that is suitable for sporty driving. Suitable for when crisp handling is desired, such as when driving on mountainous roads.

Sport mode indicator illuminates.

**4** CUSTOM mode

Allows you to drive with the power train, steering and air conditioning system functions set to your preferred settings.

Custom mode settings can only be changed on the drive mode customization display of Multimedia Display. (→P.631)

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

**■ Air conditioning system operation in Eco drive mode**

In Eco drive mode, heating/cooling operations and the fan speed is controlled to improve fuel efficiency. Perform the following procedures to increase the air conditioning performance.

- Adjust the fan speed (→P.452)
- Cancel Eco drive mode
- The following driving modes are automatically deactivated and the driving mode returns to normal mode when the power switch is turned to OFF.

- Sport mode
- Custom mode

● The following driving modes are not deactivated until another driving mode is selected. (Even if the power switch is turned to OFF, the mode will not be automatically deactivated.)

- Normal mode
- Eco drive mode

■ **Customization**

The custom mode can be changed.

Customizable features: (→P.631)

## Trail Mode (AWD vehicles)

**Trail Mode is designed to control the spinning of the drive wheels by integratedly controlling AWD, brake and drive force control systems. Use the Trail Mode when driving bumpy roads, etc.**

**WARNING**

■ **Before using Trail Mode**

Make sure to observe the following precautions. Failure to observe these precautions may result in an unexpected accident.

● Trail Mode is intended for use when driving on rough roads.

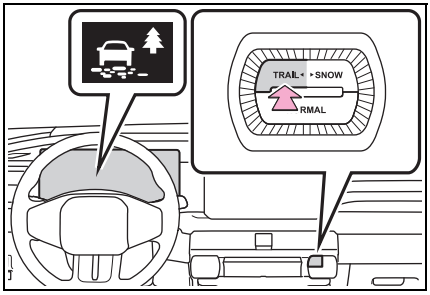
● Check that the Trail Mode indicator is illuminated before driving.

● Trail Mode is not intended to expand the limits of the vehicle. Thoroughly check the road conditions and drive with caution.

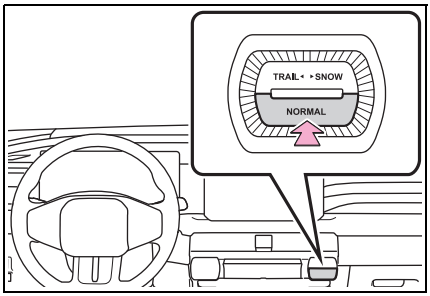
### Enabling the system

Press the “TRAIL” switch.

Press the Trail Mode switch, to turn the Trail Mode on. The Trail Mode indicator light will come on the multi-information display.

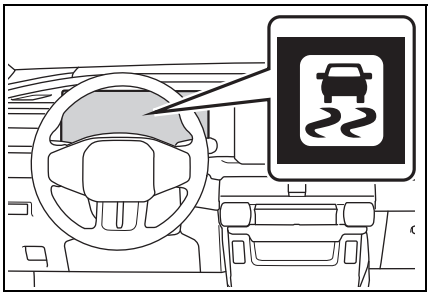



To turn the system off, press the “NORMAL” switch.




## When the Trail Mode is operating

If the tires are spinning, the slip indicator flashes to indicate that the Trail Mode is controlling the spinning of the tires.



### ■ Trail Mode

- Trail Mode controls the vehicle so that it can use the maximum amount of drive force when driving on rough roads.
  As a result, fuel efficiency may diminish when compared to driving with Trail Mode off.
- If Trail Mode is continuously used for a long period of time, depending on the driving conditions, the load on related parts increases and the system may not function correctly. In this case, the “TRC OFF” indicator will illuminate but the vehicle can be driven normally. The “TRC OFF” indicator will turn off after a short while and the system will operate properly.

### ■ When Trail Mode is canceled

In the following situations, Trail Mode is automatically canceled even if it is selected:

- When the driving mode is changed. (→P.426)
- When the snow mode is selected. (→P.433)
- When the hybrid system is restarted.

### ■ Sounds and vibrations when driving in Trail Mode

Any of the following conditions may occur when Trail Mode is operating. None of these indicates that a malfunction has occurred:

- Vibrations may be felt throughout the vehicle or steering wheel
- Sounds may be heard from the engine compartment

### ■ When the Trail Mode indicator does not illuminate

When the Trail Mode indicator does not illuminate even though the Trail Mode switch is pressed, the system may be malfunctioning. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

NOTICE

**■ In order to ensure that Trail Mode operates properly**

Do not continuously use the Trail Mode for a long period of time. Depending on the driving conditions, the load on related parts increases and the system may not operate properly.

## AUTO LSD (2WD vehicles)

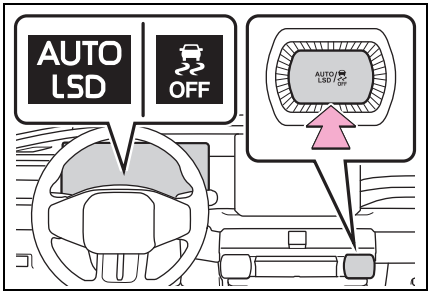
**The AUTO LSD system aids traction by using the traction control system to control engine performance and braking when one of the drive wheels begins to spin. The system should be used only when one of the drive wheels spinning occurs in a ditch or rough surface.**

### System operation

To turn the AUTO LSD system on, quickly press and release OFF.

The “AUTO LSD” indicator light and VSC OFF indicator light will come on.

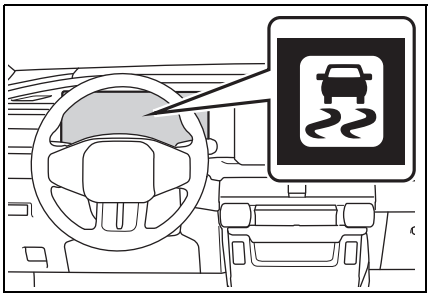
Press OFF again to turn the system off.




### When the AUTO LSD system is operating

If the drive wheels spin, the slip indicator flashes to indicate that the

AUTO LSD system has controlled the spinning of the drive wheels.



### If the engine is turned off and restarted

The AUTO LSD system and the indicators are automatically turned off.

### Reactivation of the VSC system linked to vehicle speed

When the AUTO LSD system is turned on, the VSC and TRC systems will turn on automatically if vehicle speed increase.

### If the brake system overheats

The system will cease operation and a buzzer will alert the driver.

At this time, the “AUTO LSD” indicator will flash and the “TRC OFF” indicator will come on. Stop the vehicle in a safe place. (There is no problem with continuing normal driving.) The system will be automatically restored after a short time.

**WARNING**

**To avoid an accident**

Failure to do so, a much greater steering effort and more careful cornering control will be required.

- Do not use the AUTO LSD system in conditions other than when one of the drive wheels spinning occurs in a ditch or rough surface.
- Do not drive with the AUTO LSD system continuously turned on.

NOTICE

**Activating while driving**

Do not activate the AUTO LSD system if the wheel is slipping. Stop the slipping or spinning before activating.

## Downhill assist control system (AWD vehicles)

**The downhill assist control system helps to prevent excessive speed on steep downhill slopes.**
**The system will operate when the vehicle is traveling under 30 km/h (18 mph) with the accelerator and brake pedals released.**

**WARNING**

**When using downhill assist control system**

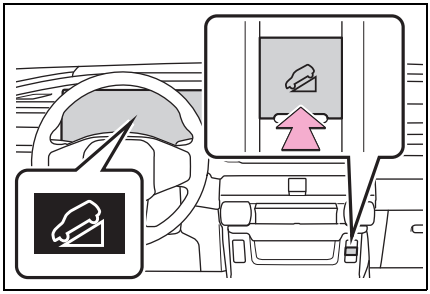
Do not rely overmuch on the downhill assist control system. This function does not extend the vehicle's performance limitations. Always thoroughly check the road conditions, and drive safely.

### System operation

Press the DAC switch.

The downhill assist control system indicator will comes on and the system will operate.

When the system is in operation, the slip indicator will flash, and the stop lights/high mounted stop lights will be lit. A sound may also occur during the operation. This does not indicated a malfunction.



### Turning off the system

Press the DAC switch while the system is in operation. The downhill assist control system indicator will flash as the system gradually ceases operation, and will turn off when the system is fully off.

Press the DAC switch while the downhill assist control system indicator is flashing to start the system again.

**Operating tips**

The system will operate when the shift position is in a position other than P or N.

**If the downhill assist control system indicator flashes**

- In the following situations, the indicator flashes and the system will not operate:
  - The shift position is in P.
  - The vehicle speed exceeds approximately 30 km/h (18 mph).
  - The brake system overheats.
- In the following situation, the indicator flashes to alert the driver, but the system will operate:
  - The shift position is in N.

The system will gradually ceases operation. The indicator will flash during operation.

### When the downhill assist control system is operated continuously

This may cause the brake actuator to overheat. In this case, the downhill assist control system will stop operating, a buzzer will sound and the downhill assist control system indicator will start flashing, and the “TRC OFF” indicator light will come on. Refrain from using the system until the downhill assist control system indicator stays on and the “TRC OFF” indicator light turns off. (The vehicle can be driven normally during this time.)

### Sounds and vibrations caused by the downhill assist control system

- A sound may be heard from the engine compartment when the engine is started or just after the vehicle begins to move. This sound does not indicate that a malfunction has occurred in downhill assist control system.
- Either of the following conditions may occur when the downhill assist control system is operating. None of these are indicators that a malfunction has occurred.
  - Vibrations may be felt through the vehicle body and steering.
  - A motor sound may be heard after the vehicle comes to a stop.

### System malfunction

In the following cases, have your vehicle checked by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

- The downhill assist control system indicator does not come on when the power switch is turned to ON.
- The downhill assist control system indicator does not come on when the DAC switch is pressed.
- The slip indicator comes on.

**WARNING**

### The system may not operate on the following surfaces, which may lead to an accident causing death or serious injury

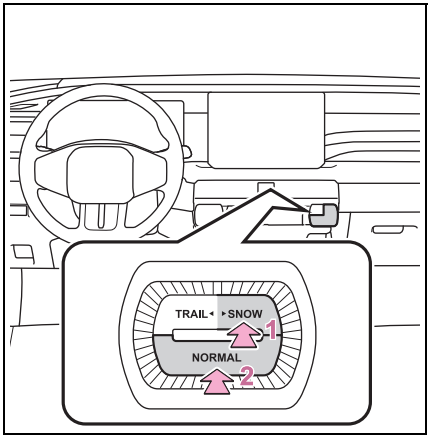
- Slippery surfaces such as wet or muddy roads
- Icy surface
- Unpaved roads

## Snow mode (AWD vehicles)

**Snow mode can be selected to suit the conditions when driving on slippery road surfaces, such as on snow.**

### System operation

Modes can be changed by pressing switch.




**1** Press the “SNOW” switch.

When the switch is pressed, the system switches to snow mode and the snow mode indicator illuminates on the multi-information display.

**2** Press the “NORMAL” switch.

When the switch is pressed, the system switches to normal mode.

Suitable for normal driving.

**■ Canceling the snow mode**

Snow mode is automatically deactivated if the power switch is turned off after driving in snow mode.

## GPF (Gasoline Particulate Filter) system*1

*1: Except for AXAL64L-ANXGB models

*2: The model code is indicated on the manufacturer’s label. (→P.605)

**The GPF system collects particulate matter in the exhaust gas by using an exhaust gas filter. The system will operate to regenerate the filter automatically, depending on the vehicle conditions.**

**■ If “Exhaust Filter Full See Owner’s Manual” is shown on the multi-information display**

- The message may be displayed while high load driving with particulate matter accumulating.
- Hybrid system output (engine speed) is restricted when a certain amount of particulate matter accumulates, however, it is possible to drive the vehicle unless the malfunction indicator lamp comes on.
- Particulate matter can accumulate more quickly if the vehicle is frequently driven short trips or at low speeds, or if the hybrid system is regularly started in an extremely cold environment. Excessive accumulation of particulate matter can be prevented by periodically driving long distances continuously with intermittent releasing of the accelerator pedal, such as when driving on highways and freeways.

**■ If the malfunction indicator lamp comes on or “Exhaust Filter Full Visit Your Dealer” is shown on the multi-information display**

The amount of accumulated particulate matter has exceeded a certain level.

Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

NOTICE

**■ To prevent the GPF system from not operating properly**

- Do not use fuel other than the specified type
- Do not modify the exhaust pipes

## Driving assist systems

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

### Summary of the driving assist systems

**■ ECB (Electronically Controlled Brake System)**

The electronically controlled system generates braking force corresponding to the brake operation

**■ ABS (Anti-lock Brake System)**

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

**■ Brake assist**

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

**■ VSC (Vehicle Stability Control)**

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

### ■ VSC+ (Vehicle Stability Control+)

Provides cooperative control of the ABS, TRC, VSC and EPS.

Helps to maintain directional stability when swerving on slippery road surfaces by controlling steering performance.

### ■ Trailer Sway Control (vehicles with towing hitch)

Helps the driver to control trailer sway by selectively applying brake pressure for individual wheels and reducing driving torque when trailer sway is detected.

### ■ TRC (Traction Control)

Helps to maintain drive power and prevent the drive wheels from spinning when starting the vehicle or accelerating on slippery roads

### ■ Active Cornering Assist (ACA)

Helps to prevent the vehicle from drifting to the outer side by performing inner wheel brake control when attempting to accelerate while turning

### ■ Hill-start assist control

Helps to reduce the backward movement of the vehicle when starting on an uphill

### ■ EPS (Electric Power Steering)

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

### ■ E-Four (Electronic On-Demand AWD system) (AWD models)

Automatically controls the drive system such as to front-wheel drive or AWD (all wheel drive) according to various running conditions including normal driving, during cornering, on a uphill, when starting off, during acceleration, on a slippery roads due to snow or rain, thus contributing to stable operability and driving stability.

### ■ Emergency brake signal

When the brakes are applied suddenly, the stop lights automatically flash to alert the vehicle behind.

### ■ The Secondary Collision Brake

When the SRS airbag sensor detects a collision and the system operates, the brakes and brake lights are automatically controlled to reduce the vehicle speed and help reduce the possibility of further damage due to a secondary collision.

### ■ Vehicle Braking Posture Control [Roll Control]

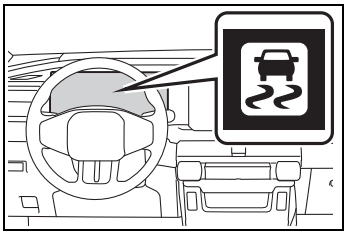
Helps to suppress sudden vehicle roll changes and keep comfortable posture by performing front outer wheel and rear inner wheel brake control when starting cornering.

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**■ When the TRC/VSC/ABS/Trail Mode (AWD vehicles)/Trailer Sway Control systems are operating**

The slip indicator light will flash while the

TRC/VSC/ABS/Trail Mode/Trailer Sway Control systems are operating.



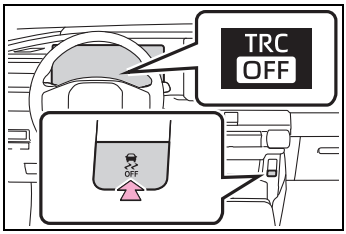
### ■ Disabling the TRC system

If the vehicle gets stuck in mud, dirt or snow, the TRC system may reduce power from the hybrid system to the wheels.

Pressing OFF to turn the system off may make it easier for you to rock the vehicle in order to free it.

▶ AWD vehicles

To turn the TRC system off, quickly press and release OFF.

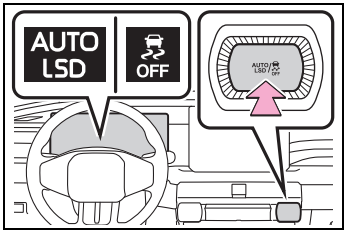



The “TRC OFF” indicator light will come on.

Press OFF again to turn the system back on.

▶ 2WD vehicles

To turn the TRC systems off, quickly press and release OFF. (The AUTO LSD system turns on.)




The “AUTO LSD” and VSC OFF indicators will come on.

Press OFF again to turn the system back on.

### ■ Turning off the TRC, VSC and Trailer Sway Control systems

To turn the TRC/VSC/Trailer Sway Control systems off, press and hold OFF for more than 3 seconds while the vehicle is stopped.

The “TRC OFF” indicator light and the VSC OFF indicator light will come on.*

Press OFF again to turn the systems back on.

*: The functions of the PCS (Pre-Collision System) will also be partially disabled. (→P.286)

### ■ When the “TRC OFF” indicator light comes on even if OFF has not been pressed

TRC is temporary deactivated. If the information continues to show, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

### ■ Operating conditions of hill-start assist control

When all of the following conditions are met, the hill-start assist control will operate:

- The shift position is in a position other than P or N (when starting off forward/backward on an upward incline)

- The vehicle is stopped
- The accelerator pedal is not depressed
- The parking brake is not engaged
- The power switch is in ON

**■ Automatic system cancelation of hill-start assist control**

The hill-start assist control will turn off in any of the following situations:

- The shift position is shifted to P or N
- The accelerator pedal is depressed
- The brake pedal is depressed and the parking brake is engaged
- A maximum of 2 seconds have elapsed after the brake pedal is released
- The power switch is turned to OFF

**■ Sounds and vibrations caused by the ABS, brake assist, VSC, Trailer Sway Control, TRC and hill-start assist control systems**

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

**■ ECB operating sound**

ECB operating sound may be heard in the following cases, but it does not indicate that a malfunction has occurred.

- Operating sound heard from the engine compartment when the brake pedal is operated.
- Motor sound of the brake system heard from the front part of the vehicle when the driver's door is opened.
- Operating sound heard from the engine compartment when one or two minutes passed after the stop of the hybrid system.

**■ Active Cornering Assist operation sounds and vibrations**

When the Active Cornering Assist is operated, operation sounds and vibrations may be generated from the brake system, but this is not a malfunction.

**■ Automatic reactivation of TRC, Trailer Sway Control and VSC systems**

After turning the TRC, Trailer Sway Control and VSC systems off, the systems will be automatically re-enabled in the following situations:

- When the power switch is turned off
- If only the TRC system is turned off, the TRC will turn on when vehicle speed increases
  If both the TRC and VSC systems are turned off, automatic re-enabling will not occur when vehicle speed increases.

**■ Operating conditions of Active Cornering Assist**

The system operates when the following occurs.

- TRC/VSC can operate
- The driver is attempting to accelerate while turning
- The system detects that the vehicle is drifting to the outer side
- The brake pedal is released

**■ Reduced effectiveness of the EPS system**

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

to normal within 10 minutes.

■ **Operating conditions of emergency brake signal**

When the following conditions are met, the emergency brake signal will operates:

- The emergency flashers are off.
- Actual vehicle speed is over 55 km/h (35 mph).
- The system judges from the vehicle deceleration that it is a sudden braking operation.

■ **Automatic system cancelation of emergency brake signal**

The emergency brake signal will be canceled in any of the following situations:

- The emergency flashers are turned on.
- The system judges from the vehicle deceleration that is not a sudden braking operation.

■ **Secondary Collision Brake operating conditions**

The system operates when the SRS airbag sensor detects a collision while the vehicle is in motion. However, the system does not operate when the components are damaged.

■ **Secondary Collision Brake automatic cancellation**

The system is automatically canceled in any of the following situations.

- The vehicle speed drops to approximately 0 km/h (0 mph)
- A certain amount of time elapses during operation
- The accelerator pedal is depressed a large amount

■ **Operating conditions of Vehicle Braking Posture Control [Roll Control]**

The system operates when the following occurs.

- The vehicle speed is approximately 40 km/h (25 mph)
- The brake pedal is released
- When the system detects steering operation over a certain level
- When the slip indicator light is not on or flashing (does not operate during vehicle stabilization control such as ABS, VSC, TRC, etc.)

■ **Cancel conditions of Vehicle Braking Posture Control [Roll Control]**

- TRC/VSC cannot operate
- The brake pedal is depressed (does not operate even during automatic braking such as Radar Cruise Control)

■ **If a message about AWD is shown on the multi-information display (AWD models)**

Perform the following actions.

- “AWD system overheated Switching to 2WD mode”

AWD system is overheated. Stop the vehicle in a safe place with the hybrid system operating.*

If the message disappears after a while, there is no problem. If the message remains, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

- “AWD system overheated 2WD mode engaged”

AWD system has been temporarily released and switched to front-wheel drive due to overheating. Stop the vehicle in a safe place with the hybrid system operating.*

If the message disappears after a while, AWD system will automatically recover. If the message remains, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

- “AWD system malfunction 2WD mode engaged Visit your dealer”

A malfunction occurs in the AWD system. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

*: When stopping the vehicle, do not stop the hybrid system until the display message has turned off.

**WARNING**

**■ The ABS does not operate effectively when**

- The limits of tire gripping performance have been exceeded (such as excessively worn tires on a snow covered road).
- The vehicle hydroplanes while driving at high speed on wet or slick roads.

**■ 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/Trailer Sway Control is activated**

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

**■ When the TRC/VSC/Trailer Sway Control 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/Trailer Sway Control systems off unless necessary.

Trailer Sway Control is part of the VSC system and will not operate if VSC is turned off or experiences a malfunction.

**WARNING**

**■ 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. (→P.611)
The ABS, TRC, VSC and Trailer Sway Control systems will not function correctly if different tires are installed on the vehicle.
Contact any authorized Toyota retailer or Toyota 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.

**■ Trailer Sway Control precaution (vehicles with towing hitch)**

The Trailer Sway Control system is not able to reduce trailer sway in all situations. Depending on many factors such as the conditions of the vehicle, trailer, road surface and driving environment, the Trailer Sway Control system may not be effective. Refer to your trailer owner's manual for information on how to tow your trailer properly.

**■ If trailer sway occurs (vehicles with towing hitch)**

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

- Firmly grip the steering wheel. Steer straight ahead. Do not try to control trailer swaying by turning the steering wheel.
- Begin releasing the accelerator pedal immediately but very gradually to reduce speed.
  Do not increase speed. Do not apply vehicle brakes.

If you make no extreme correction with the steering or brakes, your vehicle and trailer should stabilize.
(→P.212)

**■ Secondary Collision Brake**

Do not rely solely upon the Secondary Collision Brake. This system is designed to help reduce the possibility of further damage due to a secondary collision, however, that effect changes according to various conditions. Overly relying on the system may result in death or serious injury.

## Hybrid Electric Vehicle driving tips

**For economical and ecological driving, pay attention to the following points:**

### Using Eco drive mode

When using Eco drive mode, the torque corresponding to the accelerator pedal depression amount can be generated more smoothly than it is in normal conditions. In addition, the operation of the air conditioning system (heating/cooling) will be minimized, suitable for driving that improve the fuel economy. (→P.426)

### Use of Hybrid System Indicator

The Eco-friendly driving is possible by keeping the indicator of Hybrid System Indicator within Eco area. (→P.109)

### Shift position operation

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

### Accelerator pedal/brake pedal operation

- Drive your vehicle smoothly. Avoid abrupt acceleration and deceleration. Gradual acceleration and deceleration will make more effective use of the electric motor (traction motor) without having to use gasoline engine power.
- Avoid repeated acceleration. Repeated acceleration consumes hybrid battery (traction battery) power, resulting in poor fuel consumption. Battery power can be restored by driving with the accelerator pedal slightly released.

### When braking

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

### Delays

Repeated acceleration and deceleration, as well as long waits at traffic lights, will lead to bad fuel economy. Check traffic reports before leaving and avoid delays as

much as possible. When driving in a traffic jam, gently release the brake pedal to allow the vehicle to move forward slightly while avoiding overuse of the accelerator pedal. Doing so can help control excessive gasoline consumption.

### Highway driving

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

### Air conditioning

Use the air conditioning only when necessary. Doing so can help reduce excessive gasoline consumption.
In summer: When the ambient temperature is high, use the recirculated air mode. Doing so will help to reduce the burden on the air conditioning system and reduce fuel consumption as well.
In winter: Because the gasoline engine will not automatically cut out until it and the interior of the vehicle are warm, it will consume fuel. Also, fuel consumption can be improved by avoiding overuse of the heater.

### Checking tire inflation pressure

Make sure to check the tire inflation pressure frequently. Improper tire inflation pressure can cause poor fuel economy.
Also, as snow tires can cause large amounts of friction, their use on dry roads can lead to poor fuel economy. Use tires that are appropriate for the season.

### Luggage

Carrying heavy luggage will lead to poor fuel economy. Avoid carrying unnecessary luggage. Installing a large roof rack will also cause poor fuel economy.

### Warming up before driving

Since the gasoline engine starts up and cuts out automatically when cold, warming up the engine is unnecessary. Moreover, frequently driving short distances will cause the engine to repeatedly warm up, which can lead to excess fuel consumption.

## Winter driving tips

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

### Pre-winter preparations

- Use fluids that are appropriate to the prevailing outside temperatures.
  - Engine oil
  - Engine coolant
  - Power control unit 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.

*: Tire chains cannot be mounted on vehicles with 235/50R20 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 (except 235/50R20 tires)**

Observe the following precautions to reduce the risk of accidents.
Failure to do so may result in the vehicle being unable to be driven safely, and may cause death or serious injury.

- Do not drive in excess of the speed limit specified for the tire chains being used, or 50 km/h (30 mph), whichever is lower.
- Avoid driving on bumpy road surfaces or over potholes.
- Avoid sudden acceleration, abrupt steering, sudden braking and shifting operations that cause sudden engine braking.
- Slow down sufficiently before entering a curve to ensure that vehicle control is maintained.
- Do not use LTA (Lane Tracing Assist) system.

NOTICE

**■ Repairing or replacing snow tires**

Request repairs or replacement of snow tires from any authorized Toyota retailer or Toyota 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

- Turn automatic mode of the parking brake off. Otherwise, the parking brake may freeze and not be able to be released automatically.

Also, avoid using the following as the parking brake may operate automatically, even if automatic mode is off.

- Brake hold system
- Remote parking function (if equipped)

- 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.
- If the vehicle is parked without setting the parking brake, confirm that the shift position cannot be moved out of P.
- If the vehicle is left parked with the brakes damp in cold temperatures, there is a possibility of the brakes freezing.

**WARNING**

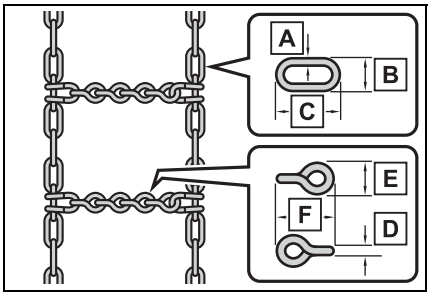
**■When parking the vehicle**

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

▶ Vehicles without 235/50R20 tires

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 30 mm (1.18 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

▶ Vehicles with 235/50R20 tires

Tire chains cannot be mounted. Snow tires should be used instead.

## Regulations on the use of tire chains (except 235/50R20 tires)

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.

## Utility vehicle precautions

**This vehicle belongs to the utility vehicle class, which has higher ground clearance and narrower tread in relation to the height of its center of gravity.**

### Utility vehicle feature

- Specific design characteristics give it a higher center of gravity than ordinary passenger cars. This vehicle design feature causes this type of vehicle to be more likely to rollover. Utility vehicles have a significantly higher rollover rate than other types of vehicles.
- An advantage of the higher ground clearance is a better view of the road allowing you to anticipate problems.
- It is not designed for cornering at the same speeds as ordinary passenger cars any more than low-slung sports cars designed to perform satisfactorily under off-road conditions. Therefore, sharp turns at excessive speeds may cause rollover.

**WARNING**

**■ Utility vehicle precautions**

Always observe the following precautions to minimize the risk of death or serious injury or damage to your vehicle:

- In a rollover crash, an unbelted person is significantly more likely to die than a person wearing a seat belt. Therefore, the driver and all passengers should always fasten their seat belts.
- Avoid sharp turns or abrupt maneuvers, if at all possible.
  Failure to operate this vehicle correctly may result in loss of control or vehicle rollover causing death or serious injury.
- Loading cargo on the roof luggage carrier (if equipped) will make the center of the vehicle gravity higher. Avoid high speeds, sudden starts, sharp turns, sudden braking or abrupt maneuvers, otherwise it may result in loss of control or vehicle rollover due to failure to operate this vehicle correctly.
- Always slow down in gusty crosswinds. Because of its profile and higher center of gravity, your vehicle is more sensitive to side winds than an ordinary passenger car. Slowing down will allow you to have better control.
- Do not drive horizontally across steep slopes. Driving straight up or straight down is preferred. Your vehicle (or any similar off-road vehicle) can tip over sideways much more easily than forward or backward.

### Off-road driving

Your vehicle is not designed to be driven off-road. However, in the

event that off-road driving cannot be avoided, please observe the following precautions to help avoid the areas prohibited to vehicles.

- Drive your vehicle only in areas where off-road vehicles are permitted to travel.
- Respect private property. Get owner's permission before entering private property.
- Do not enter areas that are closed. Honor gates, barriers and signs that restrict travel.
- Stay on established roads. When conditions are wet, driving techniques should be changed or travel delayed to prevent damage to roads.

**WARNING**

**■ Off-road driving precautions**

Always observe the following precautions to minimize the risk of death, 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, rivers, etc., check that there is no grass, bush, paper, rags, stone, sand, etc. adhering or trapped on the underbody. Clear off any such matter from the underbody. If the vehicle is used with these materials trapped or adhering to the underbody, a breakdown or fire could occur.
- When driving off-road or in rugged terrain, do not drive at excessive speeds, jump, make sharp turns, strike objects, etc. This may cause loss of control or vehicle rollover causing death or serious injury. You are also risking expensive damage to your vehicle's suspension and chassis.

NOTICE

**■ To prevent water damage**

Take all necessary safety measures to ensure that water damage to the hybrid battery (traction battery), hybrid system or other components does not occur.

- Water entering the engine compartment may cause severe damage to the hybrid system. Water entering the interior may cause the hybrid battery (traction battery) stowed under the rear seats to short circuit.
- Water entering the hybrid transmission and rear electric motor (traction motor) (AWD models) will cause deterioration in transmission quality. The malfunction indicator may come on, and the vehicle may not be drivable.
- Water can wash the grease from wheel bearings, causing rusting and premature failure, and may also enter the hybrid transmission case, reducing the gear oil's lubricating qualities.

NOTICE

**■ When you drive through water**

If driving through water, such as when crossing shallow streams, first check the depth of the water and the bottom of the riverbed for firmness. Drive slowly and avoid deep water.

**■ Inspection after off-road driving**

- Sand and mud that has accumulated around brake discs may affect braking efficiency and may damage brake system components.
- Always perform a maintenance inspection after each day of off-road driving that has taken you through rough terrain, sand, mud, or water.

**5-1. Using the air conditioning system and defogger**

"All Auto" control .....450

Automatic air conditioning system .....451

Heated steering wheel/seat heaters/seat ventilators ..459

**5-2. Using the interior lights**

Interior lights list.....462

**5-3. Using the storage features**

List of storage features .....465

Luggage compartment features .....470

**5-4. Using the other interior features**

Other interior features.....475

## “All Auto” control*

*: If equipped

**The front seat heaters, seat ventilators and heated steering wheel are each automatically controlled according to the set temperature of the air conditioning system, the outside and cabin temperature, etc. “All Auto” control allows a comfortable condition to be maintained without adjusting each system.**

### Turning on “All Auto” control

When “All Auto” is set to (enabled) on the option control screen (→P.455), “All Auto” control can be used by using the air conditioning in the automatic mode (→P.454).

The air conditioning, front seat heaters, seat ventilators, and heated steering wheel operate in automatic mode.

Even if any of these systems are operated manually, automatic mode will continue to operate for functions other than the operated functions.

### Operation of each system

■ **Automatic air conditioning system (→P.451)**

The temperature can be adjusted individually for the driver seat and passenger seat.

■ **Front seat heaters and seat ventilators (→P.459)**

Heating or ventilation is automatically selected according to the set temperature of the air conditioning system, the outside temperature, etc. Also, heating and ventilation may turn off.

The seat heater and seat ventilator of the front passenger seat operate in automatic mode if a passenger is detected.

■ **Heated steering wheel (→P.459)**

Heated steering wheel operates automatically according to the set temperature of the air conditioning system, the outside temperature, etc.

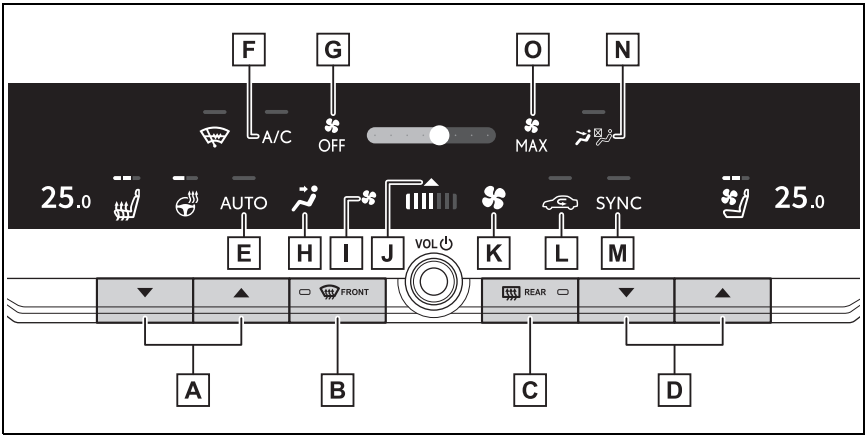
■ **Front seat heater/seat ventilator operation**

When automatic mode is selected using the front seat heater/seat ventilator switch, passenger detection is not performed.

## Automatic air conditioning system

**When the “AUTO” switch is on, the air outlets and fan speed will automatically be changed according to the set temperature.**

### Air conditioning controls




A Left-hand side temperature control switch

B Windshield defogger switch

C Rear window and outside rear view mirror defoggers switch

D Right-hand side temperature control switch

E “AUTO” switch

F “A/C” switch

G “OFF” switch

H Airflow mode control switch

I Fan speed decrease switch

J Option screen switch

K Fan speed increase switch

L Outside/recirculated air mode switch

M “SYNC” switch

N Front seat concentrated airflow mode (S-FLOW) switch

O “MAX” switch

The illustration is for left-hand drive vehicles. Some switch positions are reversed for right-hand drive vehicles.

### ■ Adjusting the temperature setting

To turn on the “SYNC” mode, select the “SYNC” switch.

The “SYNC” switch 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 switch or select the “SYNC” switch again. When the “SYNC” mode is on, the indicator on the “SYNC” switch illuminates.

Touch and slide the icon or press the “+” “-” switch of the temperature display on the control screen can also adjust the temperature setting.

### ■ Setting the fan speed

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

Select the “OFF” switch to turn off the fan.

The fan can also be stopped by sliding the icon of the fan speed adjustment switch to the leftmost position.

Select the “MAX” switch to turn the fan speed to MAX.

The fan speed can also be quickly increased to MAX by sliding the icon of the fan speed adjustment switch to the rightmost position.

### ■ Changing the air flow mode

Select the airflow mode control switch.

The airflow mode changes when the switch is selected.

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

 : Air flows to the upper body

 : Air flows to the upper body and feet

 : Air flows to the feet

 : Air flows to the feet and the windshield defogger operates

### ■ Switching between outside air and recirculated air modes

Temporarily changing the air mode to recirculated air mode is recommended to prevent dirty air from

entering the vehicle, such as when in a tunnel or heavy traffic, and to help cool the interior when the outside air temperature is high.

Select the outside/recirculated air mode switch.

The air mode changes between outside air mode and recirculated air mode each time the switch is selected. When recirculated air mode is selected, the indicator will illuminate.

The air mode may change automatically depending on the temperature setting, temperature inside the vehicle, etc.

### ■ Set cooling and dehumidification function

Select the “A/C” switch.

When the function is on, the indicator illuminates on the “A/C” switch.

### ■ 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.

When the windshield defogger switch is on, the indicator illuminates on the windshield defogger switch.

### ■ 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 15 minutes.

When the rear window and outside rear view mirror defoggers switch is on, the indicator illuminates on the rear window and outside rear view mirror defoggers switch.

### ■ Blower customization

If the fan is turned off, the fan speed can be adjusted according to your preference.

1 Select the option screen switch.

2 Select the option control screen.

3 Select “Eco”/“Normal”/“Max”.

---

**■ Fogging up of the windows**

- The windows will easily fog up when the humidity in the vehicle is high. Turning “A/C” switch on will dehumidify the air from the outlets and defog the windshield effectively.
- If you turn “A/C” switch off, the windows may fog up more easily.
- The windows may fog up if the recirculated air mode is used.

**■ 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.

**■ 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.

**■ Operation of the air conditioning system in Eco drive mode**

- In Eco drive mode, the air conditioning system is controlled as follows to prioritize fuel efficiency:
  - Engine speed and compressor operation controlled to restrict heating/cooling capacity
  - Fan speed restricted when automatic mode is selected
- To improve air conditioning performance, perform the following operations:
  - Adjust the fan speed
  - Turn off Eco drive mode (→P.426)

**■ When the outside temperature falls to nearly 0°C (32°F)**

The dehumidification function may not operate even when “A/C” switch 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.
- When parking, the system automatically switches to outside air mode to encourage better air circulation throughout the vehicle, helping to reduce odors that occur when starting the vehicle.

**■ Air conditioning filter**

→P.524

**WARNING**

**■ To prevent the windshield from fogging up**

Do not use the windshield defogger switch during cool air operation in extremely humid weather.
The difference between the temperature of the outside air and that of the windshield can cause the outer surface of the windshield to fog up, blocking your vision.

**■ When the outside rear view mirror defoggers are operating**

Do not touch the rear view mirror surfaces when the outside rear view mirror defoggers are operating, as the surface of the mirrors will become extremely hot and may cause burns.

NOTICE

**■ To prevent 12-volt battery discharge**

Do not leave the air conditioning system on longer than necessary when the hybrid system is off.

## Using automatic mode

1 Select the “AUTO” switch.

The dehumidification function begins to operate. Air outlets and fan speed are automatically adjusted according to the temperature setting and humidity.

2 Adjust the temperature setting.

3 To stop the operation, select 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.

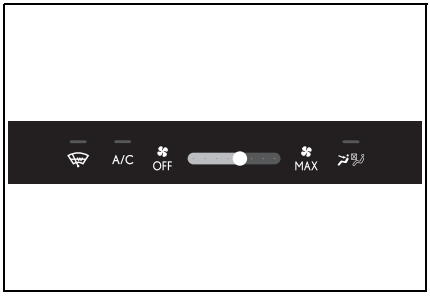
Therefore, the fan may stop for a while until warm or cool air is ready to flow immediately after the “AUTO” switch is selected.

## Air conditioning control screen

### ■ Display procedure

Select the option screen switch to display the option screen. (→P.451)

### ■ Air conditioning control option screen




Turns each function on/off

Each time the switch is touched, the function turns on/off.

When the function is on, the indicator on the switch illuminates.

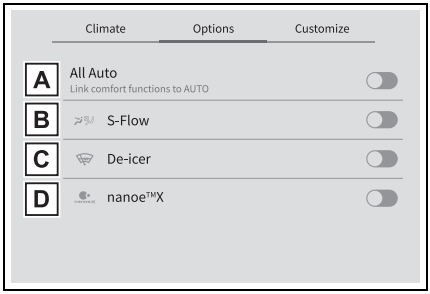
“A/C”: Cooling and dehumidification function (→P.453)

: Windshield wiper de-icer /Heated Windshield Defroster (→P.456)

: Front seat concentrated airflow mode (S-FLOW) (→P.457)

### ■ Option control screen

The functions can be switched (ON) and (OFF).




A “All Auto” control (if equipped) (→P.450)

B S-FLOW (→P.457)

C Windshield wiper de-icer/Heated Windshield Defroster (if equipped) (→P.456)

D nanoe™ X* on/off (if equipped)

*: nanoe™ and the nanoe™ X marks are trademarks of Panasonic Holdings Corporation.

**■ nanoe™ X*1, 2 generator (if equipped)**

This vehicle incorporates a biocidal product. Ionised air generated by a

device incorporated in the vehicle purifies the air in the cabin by suppressing certain types of bacteria, viruses and mould.

Active substance: Free radicals generated in situ from ambient air or water.

A nanoe™ X generator is installed in this air conditioning system. This provides clean and refreshing air through the driver side vent by emitting nanoe™ X particles.*3

- When nanoe™ X is turned on, the nanoe™ X generator is automatically activated when the fan is turned on.
- The effects of nanoe™ X are maximized in the following conditions:
  - The upper body, upper body and feet, and feet vents are being used.
  - The driver side vent is open.
- When nanoe™ X particles are generated, a small amount of ozone is emitted so a faint odour may be detectable. 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 detectable during operation. It may take some time for operation to begin. A more noticeable noise may be detectable immediately upon the start of operation. This is not a malfunction.

*1: nanoe™ and the nanoe™ X marks are trademarks of Panasonic Holdings Corporation.

*2: nanoe™ X particles are nano-sized electrostatic atomised water particles that contain hydroxyl radicals, which have beneficial effects.

*3: According to temperature and humidity conditions, fan speed and direction of the air flow, the nanoe™ system may not operate at full capacity.

**■ Customization**

Settings (e.g. A/C “AUTO” switch operation) can be changed.
(Customizable features: →P.615)

**WARNING**

**■ nanoe™ X generator (if equipped)**

Do not disassemble or attempt to repair the nanoe™ X generator because it contains high voltage parts. Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer if the generator needs repair.

NOTICE

**■ To prevent damage to the nanoe™ X generator (if equipped)**

Do not insert anything into the driver side vent, attach anything to it, or use sprays around it.

These actions could cause the generator to malfunction.

## Windshield wiper de-icer (if equipped)/Heated Windshield Defroster (if equipped)

This feature is used to prevent ice from building up on the windshield and wiper blades.

1 Select the option screen switch. (→P.451)

2 Select the  switch.

Vehicles with windshield wiper de-icer: The windshield wiper de-icer will automatically turn off after a period of time.

Vehicles with Heated Windshield

Defroster:

- The Heated Windshield Defroster will automatically turn off in 4 minutes.
- The Heated Windshield Defroster will not operate if the outside temperature is 5°C (41°F) or higher.

**WARNING**

**■ To prevent burns**

- Vehicles with windshield wiper deicer: Do not touch the glass at lower part of the windshield or the side of the front pillars when the windshield wiper de-icer is on.
- Vehicles with Heated Windshield Defroster: Do not touch the windshield (especially the lower part) as the surfaces can become very hot when the Heated Windshield Defroster is on.

## Front seat concentrated airflow mode (S-FLOW)

This function automatically controls the air conditioning airflow so that priority is given to the front seats. Unnecessary air conditioning is suppressed, contributing to increased fuel 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

While operating,  illuminates.

### ■ Manually turning front seat concentrated airflow mode on/off

In front seat concentrated airflow mode, directing airflow to the front seats only and to all seats can be switched via switch operation. When the mode has been switched manually, automatic airflow control stops operating.

Select  on the air conditioning option screen and switch the airflow.

- Indicator illuminated: Airflow to the front seats only
- Indicator off: Airflow to all the seats

**■ Operation of automatic airflow control**

- In order to maintain a comfortable interior, airflow may be directed to seats without passengers immediately after the hybrid system is started and at other times depending on the outside temperature.
- After the hybrid system is started, if passengers move around inside or enter/exit the vehicle, the system cannot accurately detect the presence of passengers and automatic airflow control will not operate.

**■ Operation of manual airflow control**

Even if the function is manually switched to directing airflow to only the front seats, when a rear door is opened, it will automatically direct airflow to all seats.

■ **To return to automatic airflow control**

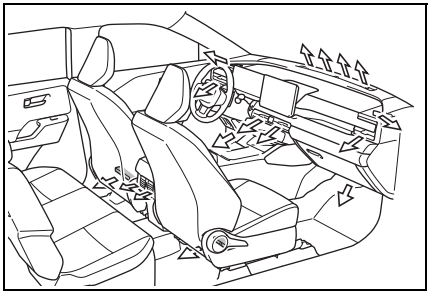
1 With the indicator off, turn the power switch to OFF.

2 After 60 minutes or more elapse, turn the power switch to ON.

## Air outlet layout and operations

### ■ Location of air outlets

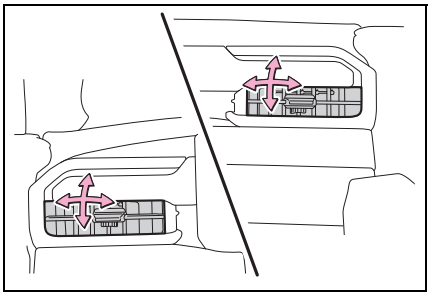
The air outlets and air volume change according to the selected air flow mode.



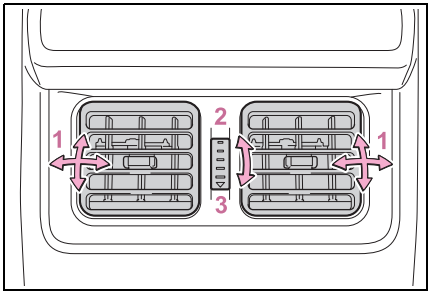
### ■ Adjusting the air flow direction and opening/closing the air outlets

▶ Front

Direct air flow to the left or right, up or down



▶ Rear




1 Direct air flow to the left or right, up or down

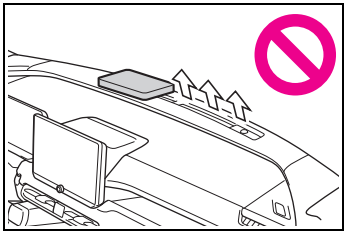
2 Open the vent

3 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.



# Heated steering wheel*/seat heaters*/seat ventilators*

*: If equipped

- Heated steering wheel

Warm up the grip of the steering wheel

- Seat heaters

Warm up the seat upholstery

- Seat ventilators

Maintain good ventilation by pulling air through the seat upholstery

**WARNING**

**■To prevent minor burn injuries**

Care should be taken if anyone in the following categories comes in contact with the steering wheel or seats when the heater is on:

- Babies, small children, the elderly, the sick and the physically challenged
- Persons with sensitive skin
- Persons who are fatigued
- Persons who have taken alcohol or drugs that induce sleep (sleeping drugs, cold remedies, etc.)

NOTICE

**■To prevent damage to the seat heaters and seat ventilators**

Do not put heavy objects that have an uneven surface on the seat and do not stick sharp objects (needles, nails, etc.) into the seat.

**■To prevent 12-volt battery discharge**

Do not use the functions when the hybrid system is off.

## Heated steering wheel

Select AUTO (vehicles with “All Auto”) or (vehicles without “All Auto”) on the Multimedia Display.

When the switch is selected, the operation condition changes as follows.

Vehicles with “All Auto”: AUTO → Hi (2 segments lit) → Lo (1segment lit) → Off

Vehicles without “All Auto”: Hi (2 segments lit) → Lo (1segment lit) → Off

The level indicator (red) illuminates during operation. “AUTO” indicator illuminates during automatic operation.

**■Operation condition**

The power switch is in ON.

**■Customization**

The temperature setting of the heated steering wheel can be set on the Multimedia display. (→P.615)

## Seat heaters

### ■ Front seats

Select then select (vehicles with “All Auto”) or select (vehicles without “All Auto”) on the Multimedia Display.

When the switch is selected, the operation condition changes as follows.

Vehicles with “All Auto”: AUTO → Hi (3

segments lit) → Mid (2 segments lit) → Lo (1 segment lit) → Off

Vehicles without “All Auto”: Hi (2 segments lit) →Lo (1 segment lit)→Off

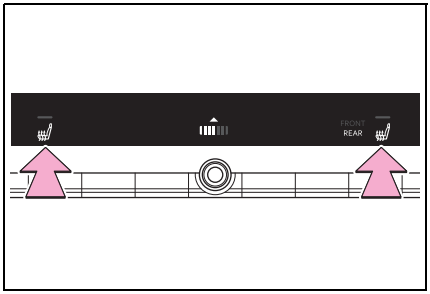
The level indicator (red) illuminates during operation. “AUTO” indicator illuminates during automatic operation.

### ■ Rear seats (if equipped)

▶ Using the Multimedia Display (front seats)

Select “REAR” then select .

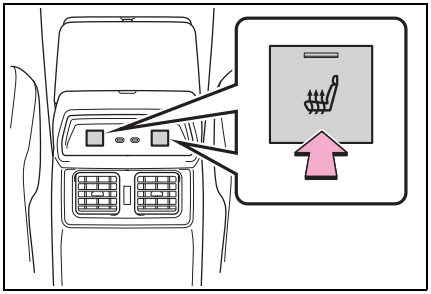
The level indicator (red) on the Multimedia Display illuminates during operation.



▶ Using the seat heater switches (rear seats)

Press the switch to turn the seat heaters on/off

The indicator on the switch illuminates during operation.



**■ Operation condition**

The power switch is in ON.

**■ Customization**

The temperature setting of the front seats can be set on the Multimedia display. (→P.615)

**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

Select then select on the Multimedia Display.

When the switch is selected, the operation condition changes as follows.

AUTO → Hi (3 segments lit) → Mid (2 segments lit) → Lo (1 segment lit) → Off

The level indicator (blue) illuminates during operation. “AUTO” indicator illuminates during automatic operation.

■ **Operation condition**

The power switch is in ON.

■ **Air conditioning system-linked control mode**

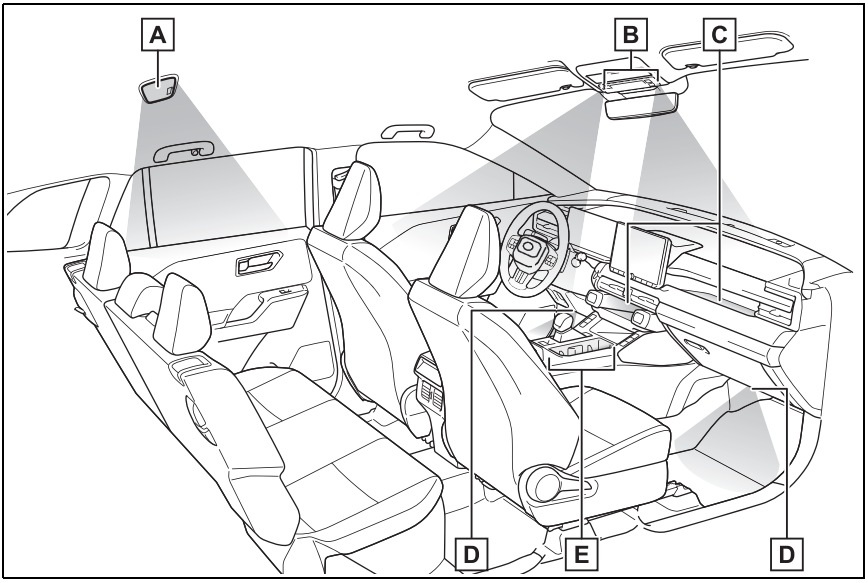
When a seat ventilator is set to Hi, the fan speed of the seat ventilator may increase according to the fan speed of the air conditioning system.

■ **Customization**

The fan speed of the seat ventilators can be set on the Multimedia display. (→P.615)

# Interior lights list

## Location of the interior lights




A Rear interior light (→P.464)

B Front interior lights/personal lights (→P.463, 464)

C Open tray lights (if equipped)*

D Footwell lights (if equipped)*

E Front cup holder lights (if equipped)*

*: 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.

### ■ Illuminated entry system

The lights automatically turn on/off according to the power switch mode, the presence of the electronic key, whether the doors are locked/unlocked, and whether the doors are opened/closed.

### ■ To prevent the 12-volt battery from being discharged

If the interior lights remain on when the power switch is turned to OFF, the lights will go off automatically after 10 minutes.

### ■ Automatic illumination of the interior lights

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 automati-

cally 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.)

**When the illuminated entry system do not turn on**

The electronic key battery-saving function may be activated. (→P.161)

**Customization**

Setting (e.g. the time elapsed before the lights turn off) can be changed. (Customizable features:→P.615)

NOTICE

**To prevent 12-volt battery discharge**

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

## Operating the interior lights

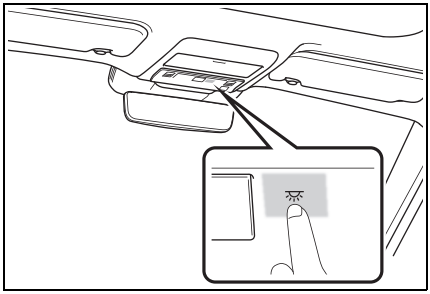
### Front interior lights

Touch the switch.

Each time the switch is touched, the interior lights turn on/off.

The rear interior light turns on/off together with the front interior lights.

When a door is opened while the door position is on, the lights turn on.



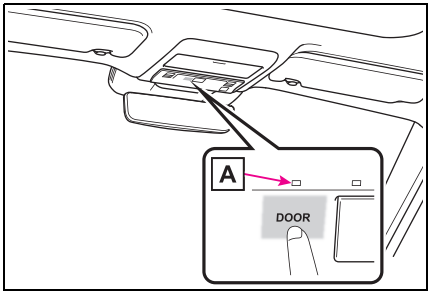
### Turning the door position on/off

Touch the door-linked interior light switch.

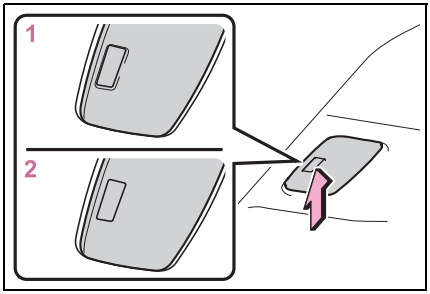
The lights are turned on and off according to whether the doors are opened/closed while the door position is on.

Each time the switch is touched, the door position turns on/off.

When the door position is on, the indicator A on the switch illuminates.



### ■ Rear interior light




**1** Turns the light on

**2** Turns the door-linked function on (door position)

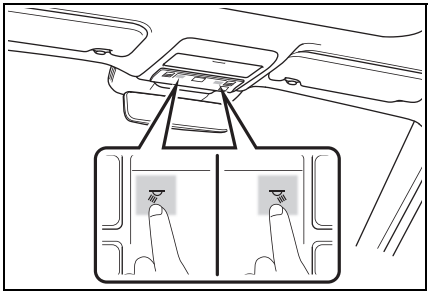
The light turns on/off according to the opening/closing of the doors.

#### ■ When the front interior light switch and door-linked interior light switch do not respond as normal

- When water, dirt, etc., have adhered to the switch surface
- When operated with a wet hand
- When wearing gloves, etc.

## Operating the personal lights

Touch the switch to turn the lights on/off

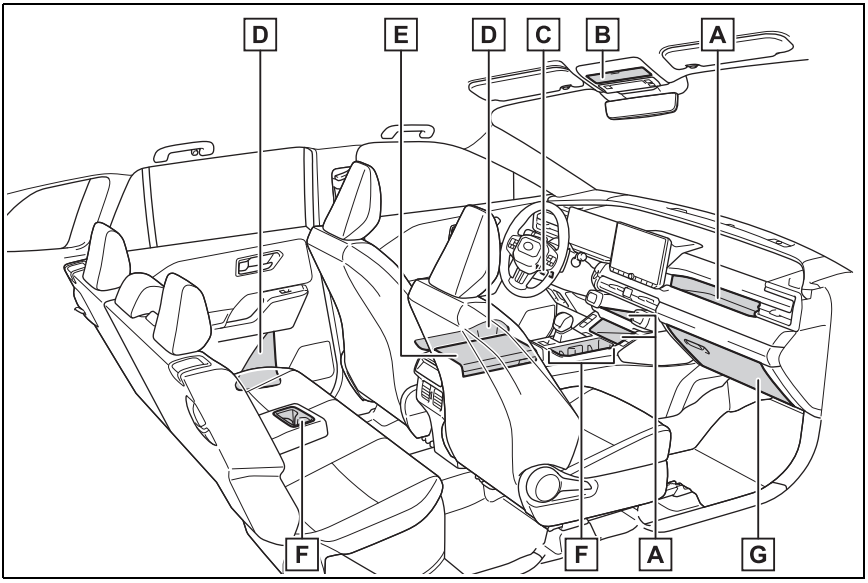


#### ■ When the personal light switches do not respond as normal

- When water, dirt, etc., have adhered to the switch surface
- When operated with a wet hand
- When wearing gloves, etc.

# List of storage features

## Location of the storage features




A Open tray (→P.469)

B Auxiliary box (→P.468)

C Card holder (if equipped) (→P.468)

D Bottle holders (→P.467)

E Console box (→P.466)

F Cup holders (→P.467)

G Glove box (→P.466)

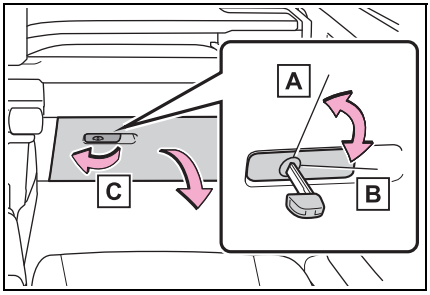
**WARNING**

**■ 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.

## Glove box




A Unlock with the mechanical key

B Lock with the mechanical key

C Open (pull up the lever)

**WARNING**

**■ Caution while driving**

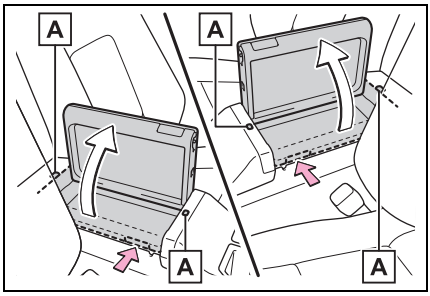
Keep the glove box closed. In the event of sudden braking or sudden swerving, an accident may occur due to an occupant being struck by the open glove box or the items stored inside.

## Console box

Press the button to open the console box.

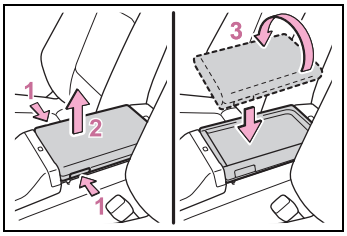
The console box can be opened from either side.

The indicator A will change to red when the lid is unlocked.




**■ Console box tray**

While the vehicle is stopped, remove the lid and turn it over, then it can be used as a console box tray.




1 Unlock

Press the buttons on both sides at the same time to unlock

2 Remove the lid

3 Install the lid after turning it over

**WARNING**

■ **Caution while driving**

- Keep the console box closed.

Injuries may result in the event of an accident or sudden braking.

- Do not place anything on the console box tray. In the event of sudden braking or turning, the item may go flying and strike an occupant, resulting an unexpected accident.

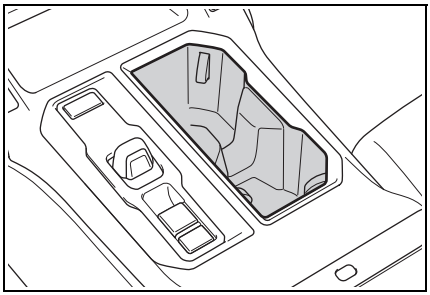
NOTICE

■ **To prevent damage to the console box**

- When the console box is open, do not apply excessive force in the direction that it was opened.
- When removing and installing the lid, do not apply excessive force. Align the lid to the lock position.

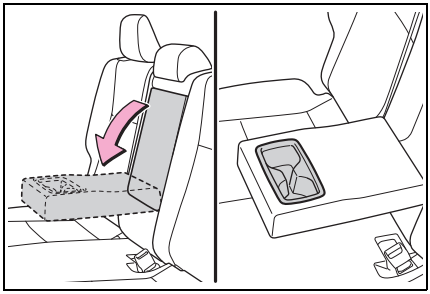
## Cup holders

▶ Front



▶ Rear

Pull the armrest down



■ **When cup holders are not in use (Front)**

Cup holder insert may be removed for cleaning.

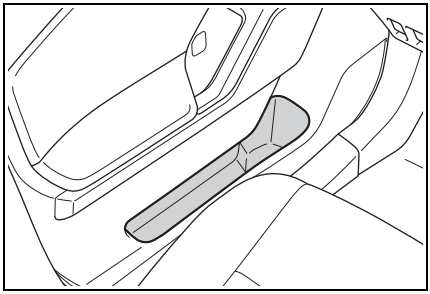
**WARNING**

■ **Items unsuitable for the cup holders**

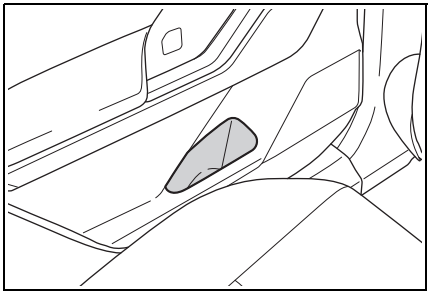
Do not place anything other than cups or beverage cans in the cup holders. Inappropriate items must not be stored in the cup holders even if the lid is closed.
Other items may be thrown out of the holders in the event of an accident or sudden braking and cause injury. If possible, cover hot drinks to prevent burns.

## Bottle holders

▶ Front



▶ Rear



■ **Bottle holders**

- When storing a bottle, close the cap.
- The bottle may not be stored depending on its size or shape.

**WARNING**

■ **Items unsuitable for the bottle holders**

Do not place anything other than a bottle in the bottle holders.
Other items may be thrown out of the holders in the event of an accident or sudden braking and cause injury.

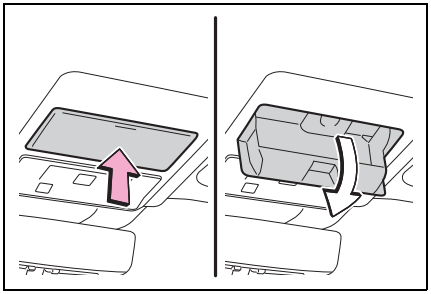
NOTICE

■ **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.

## Auxiliary box

Push the lid.



**WARNING**

■ **Caution while driving**

Do not leave the auxiliary box open while driving.

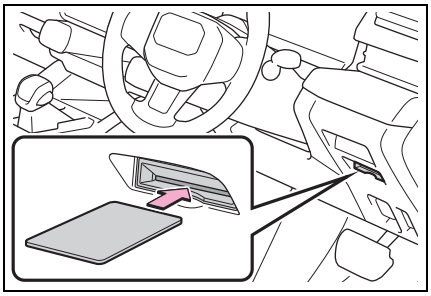
Injuries may result in the event of an accident or sudden braking.

■ **Items unsuitable for storing**

Do not store items heavier than 200 g (0.44 lb.).

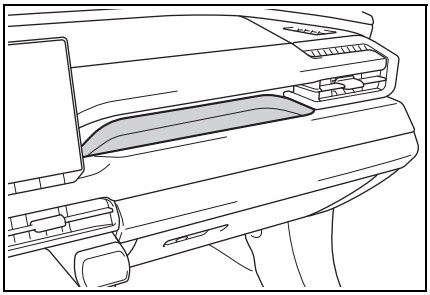
Doing so may cause the auxiliary box to open and the items inside may fall out, resulting in an accident.

## Card holder (right-hand drive vehicles)

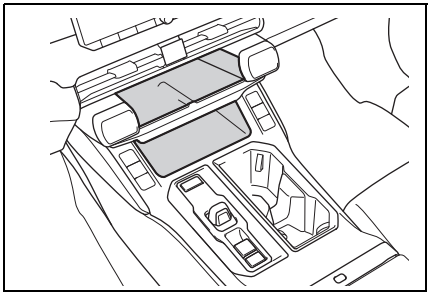


## Open tray

▶ Front passenger's side



▶ Front of console



Vehicles with wireless charger:
→P.477

**WARNING**

**■ Items unsuitable for the open tray**

Observe the following precautions when putting items in the open tray. Failure to do so may cause items to be thrown out of the tray in the event of sudden braking or steering. In these cases, the items may interfere with pedal operation or cause driver distraction, resulting in an accident.

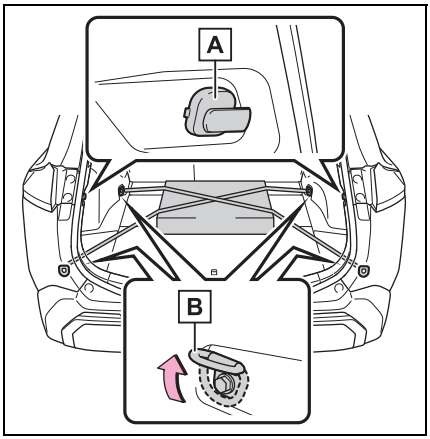
- Do not store items in the tray that can easily shift or roll out.
- Do not stack items in the tray higher than the tray's edge.
- Do not put items in the tray that may protrude over the tray's edge.

# Luggage compartment features

## Cargo hooks

Raise the hook to use.

The cargo hooks are provided for securing loose items.




A Upper hook (utility hook)

B Lower hook

**WARNING**

**■When cargo hooks are not in use**

To avoid injury, always return the hooks to their stowed positions when not in use.

NOTICE

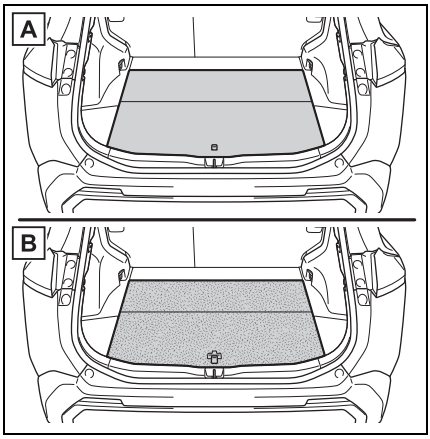
**■To prevent damage to the upper hook (utility hook)**

Do not hang any object heavier than 4 kg (8 lb.) on the upper hook (utility hook).

## Deck board

### ■ Flipping the deck board upside down (except for vehicles with full-size spare tire)

The deck board can be flipped upside down (resin side up) depending on the situation.

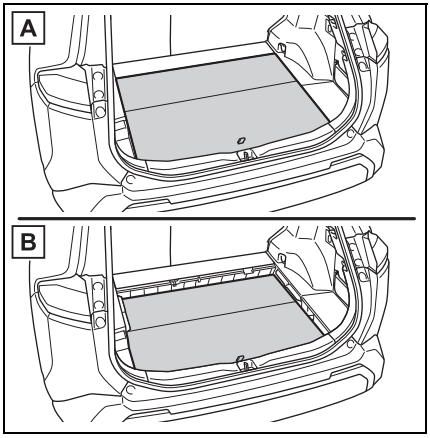



A Original position

B Underside (resin side)

### ■ Changing the deck board positions (except for vehicles with full-size spare tire)

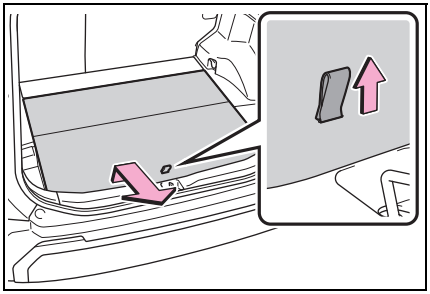
Height of the deck board can be changed by setting the deck board under the floor.



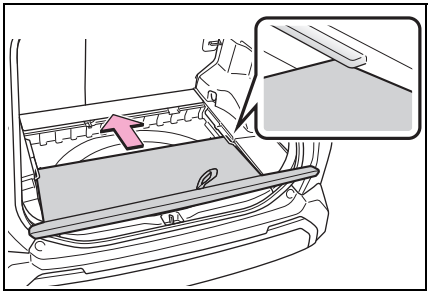

A Upper

B Lower

1 Pull up the tab to raise the deck board and move it toward you to remove.



2 Place the deck board through the groove and move forward.

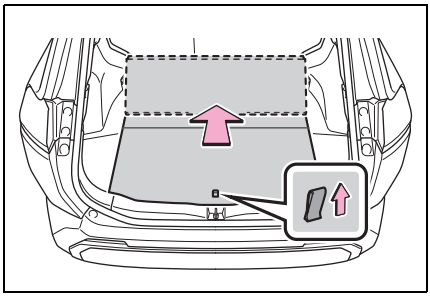


### ■ Setting the deck board upright (except for vehicles with full-size spare tire)

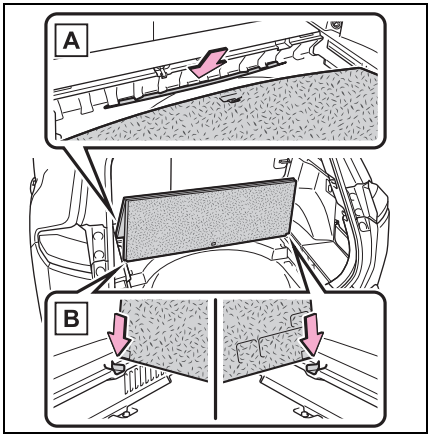
When taking out the tools or things in the deck under tray (if equipped), the deck board can be set upright.

When the back surface (resin surface) of the deck board is facing up, flip it back to the original position.

1 Pull up the tab to raise the deck board and fold it forward.



2 Place the edge into the groove (A), and with the deck board in a standing state, put the edge into the holes (B).



**WARNING**

**■When operating the deck board**

Do not place anything on the deck board when operating the board. Otherwise, your fingers may be caught or an accident may result causing injuries.

**■Caution while driving**

Keep the deck board closed.

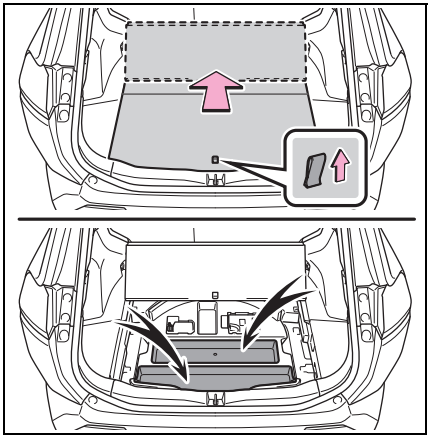
In the event of sudden braking, an accident may occur due to an occupant being struck by the deck board or the items stored under the deck board.

## Deck under tray (if equipped)

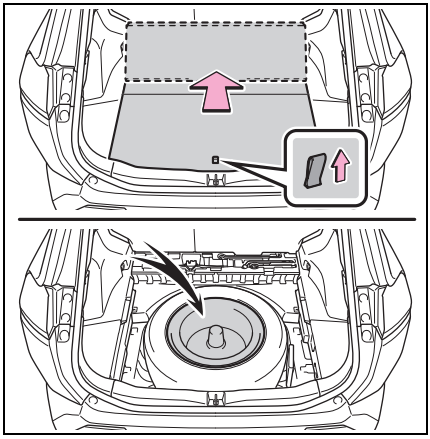
Pull up the tab to raise the deck board and fold it forward.

When using the back surface of the deck board (resin surface), remove the deck board.

▶ Except for vehicles with full size spare tire



▶ For vehicles with full size spare tire



**WARNING**

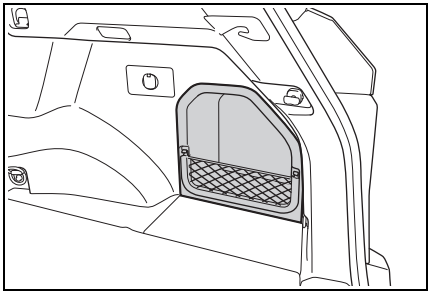
**■Caution while driving**

Keep the deck board closed.

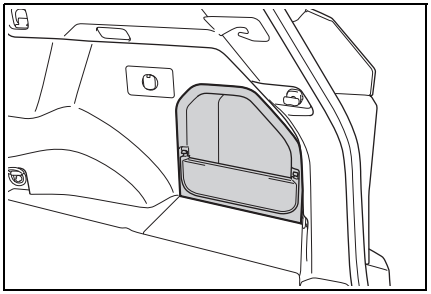
In the event of sudden braking, an accident may occur due to an occupant being struck by the deck board or the items stored in the deck under tray.

## Side auxiliary box

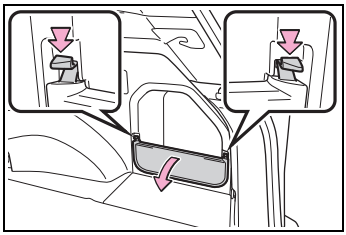
▶ Type A



▶ Type B



■ **Removing the partition plate**

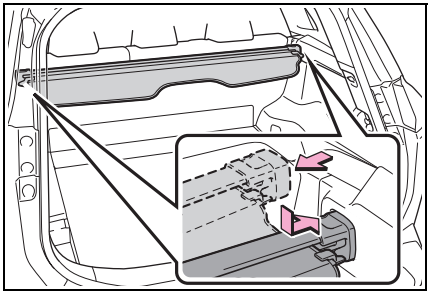


Disengage the claws

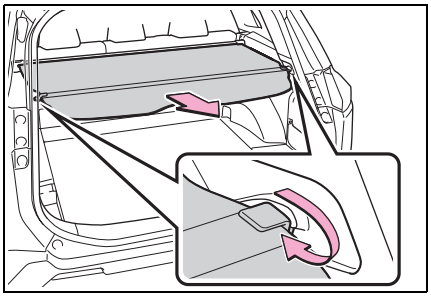
## Luggage cover

■ **Installing the luggage cover**

1 Compress the both ends of the luggage cover and insert into the recess to install.

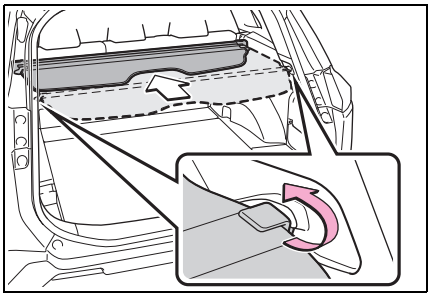


2 Pull out the luggage cover and hook it onto the anchors.

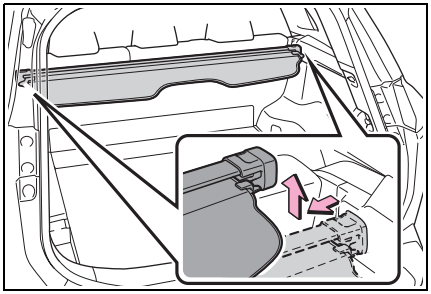


■ **Removing the luggage cover**

1 Release the cover from the left and right anchors and allow it to retract.



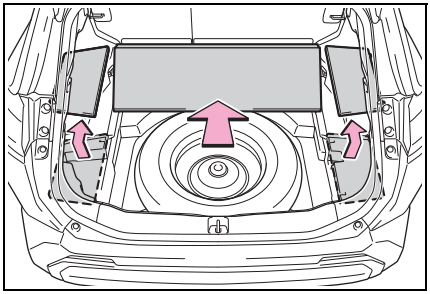
2 Compress the end of the luggage cover and lift the luggage cover up.



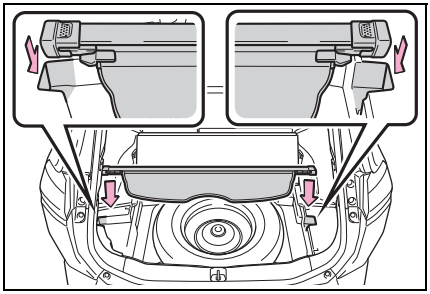
### ■ Stowing the luggage cover (except for vehicles with full-size spare tire)

1 Open the rear deck board and remove the side deck covers.

When the back surface (resin surface) of the deck board is facing up, remove the deck board.



2 Place the both ends of the luggage cover into the holder.



**WARNING**

**■ Luggage cover**

- When installing/stowing the luggage cover, make sure that the luggage cover is securely installed/stowed. Failure to do so may result in serious injury in the event of sudden braking or a collision.
- Do not place anything on the luggage cover. In the event of sudden braking or turning, the item may go flying and strike an occupant. This could lead to an unexpected accident, resulting in death or serious injury.
- Do not allow children to climb on the luggage cover. Climbing on the luggage cover could result in damage to the luggage cover, possibly causing death or serious injury to the child.

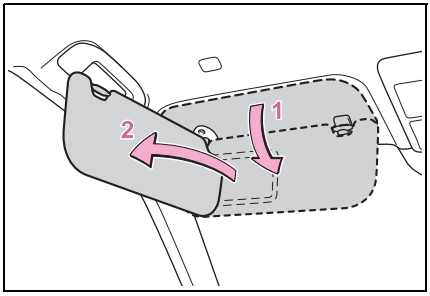
NOTICE

**■ To prevent damage to the luggage cover**

Do not place anything on top of the luggage cover. When rolling up the luggage cover, objects may be caught in the cover, damaging the cover and generating noise.

# Other interior features

## Sun visors



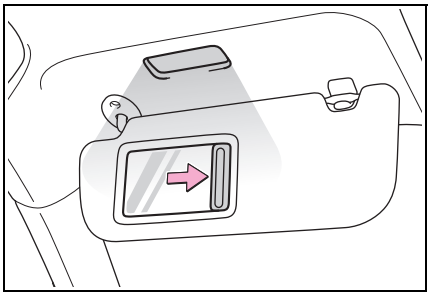

1 To set the visor in the forward position, flip it down.

2 To set the visor in the side position, flip down, unhook, and swing it to the side.

## Vanity mirrors

Slide the cover to open.

The light turns on when the cover is opened.



**■ Automatic light off to prevent 12-volt battery discharge**

If the vanity lights remain on when the power switch is turned to OFF, the lights will go off automatically after 10 minutes.

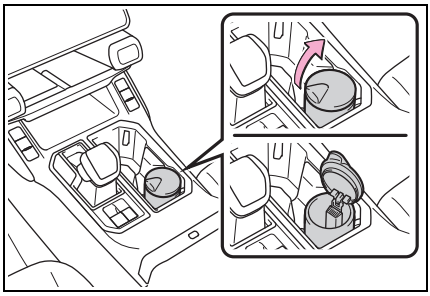
NOTICE

**■ To prevent 12-volt battery discharge**

Do not leave the vanity lights on for extended periods while the hybrid system is off.

## Portable ashtray (if equipped)

The ashtray can be installed in the cup holder.



**WARNING**

**■ When not in use**

Keep the ashtray closed. In the event of sudden braking, an accident may occur due to an occupant being struck by the open ashtray or ash flying out.

**■ To prevent fire**

- Fully extinguish matches and cigarettes before putting them in the ashtray, then make sure the ashtray is fully closed.
- Do not place paper or any other type of flammable object in the ashtray.

## Power outlet

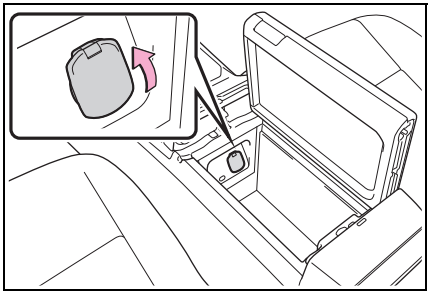
Please use a power supply for electronic goods that use less than 12 VDC/10 A (power consumption of

120 W).

When using electronic goods, make sure that the power consumption of all the connected power outlets is less than 120 W.

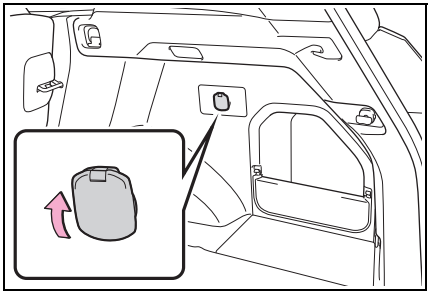
### ■ Console box

Open the console box and open the lid.



### ■ Luggage compartment

Open the lid.



**■ The power outlet can be used when**

The power switch is in ACC or ON, or the multimedia system is on.

**■ When stopping the hybrid system**

Disconnect electrical devices with charging functions, such as mobile battery packs.
If such devices are left connected, the hybrid system may not stop normally.

NOTICE

**■ When power outlet is not in use**

To avoid damaging the power outlet, close the power outlet lid when the power outlet is not in use.

Foreign objects or liquids that enter the power outlet may cause a short circuit.

**■ To prevent blown fuse**

Do not use an accessory that uses more than 12 V 10 A.

**■ To prevent 12-volt battery discharge**

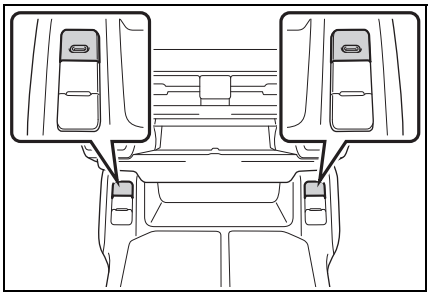
Do not use the power outlet longer than necessary when the hybrid system is off.

## USB Type-C charging ports

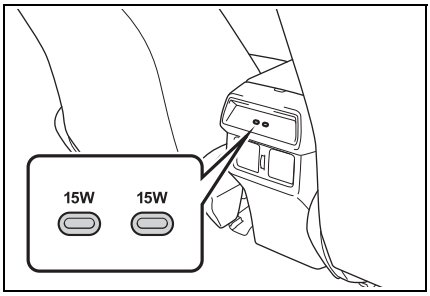
The USB Type-C charging ports are used to supply 3 A of electricity at 5 V (15 W) or 15 V (45 W) to external devices.
The USB Type-C charging ports are for charging only. They are not designed for data transfer or other purposes.
Depending on the external device, it may not charge properly. Refer to the manual included with the device before using a USB charging port.

### ■ Using the USB Type-C charging ports

▶ Front



▶ Rear (15 W only)




#### ■ The USB Type-C charging ports can be used when

The power switch is in ACC or ON, or the multimedia system is on.

#### ■ Situations in which the USB Type-C charging ports may not operate correctly

- If a device which consumes more than 3 A at 5 V (15 W) or 15 V (45 W) 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.
- 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 when the hybrid system is off.

## 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.

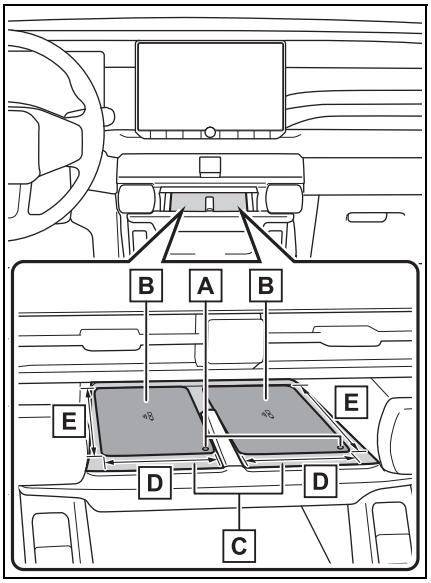
This function cannot be used with portable devices that are larger than the charging tray. Also, depending on the portable device, it may not operate as normal. Please read the operation manual for portable devices to be used.

### ■ The “Qi” logo

The “Qi” logo is a trademark of the Wireless Power Consortium.

“Qi” ID: 14561

### ■ Name for all parts




The illustration is for 2 portable devices.

It may be only 1 unit depending on the specific design.

A Operation indicator light

B Charge area*

C Charging tray

D Approximately 82 mm (3.2 in.)

E Approximately 150 mm (5.9 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

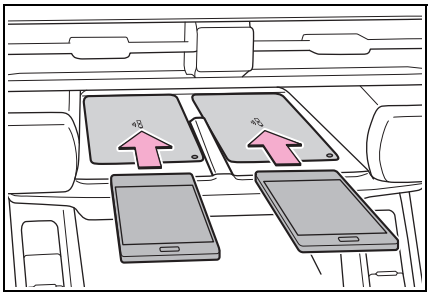
Place the charging side of the portable device down with the center of the device in the center of the charge area. Depending on the portable device, its charging coil may not be in the center of the device. In this case, place the portable device so that its charging coil is centered in the charging 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. If charging is not performed, the operation indicator light will slowly illuminate in green and orange alternatively and a sound of charging coil operation may be heard repeatedly.

When charging is complete, the operation indicator light (green) comes on.



The illustration is for 2 portable devices. It may be only 1 unit depending on the specific design.

### ■ Recharging function

When charging is complete and after a fixed time in the charge suspension state, charging restarts.

### ■ Rapid charging function

- The following portable devices support rapid charging.
  - Portable devices compliant with WPC Ver1.3.3 and compatible with rapid charging
  - iPhone's with an iOS version that supports 7.5 W charging (iPhone 8 and later models)
  - Portable devices compatible with Galaxy original rapid charging standard
- When a portable device that supports rapid charging is charged, charging automatically switches to the rapid charging function.

### ■ Lighting conditions of operation indicator light

| Operation indicator light | Conditions |
|---|---|
| Turning off | The power switch is off |
| Green (comes on) | On Standby (unable to charge state)*1 |
| | On Standby (charging possible state)*2 |
| | When charging is complete*3 |
| Orange (comes on) | Charging |
| Orange flashes twice and then comes on | Charging frequency switching |

*1: The condition for the smart entry and start system to detect the key is established.

*2: Charging power will not be output during standby. A metallic object will not be heated, if it is placed on the wireless charger in this state.

*3: 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 |
|---|---|
| Orange (Flashing repeatedly once every second) | **Vehicle to wireless charger communication failure**<br>→ **If the hybrid system is operating, stop and then restart the hybrid system.**<br>If the power switch is in ACC, start the hybrid system. (→P.222) |
| Green (Flashing repeatedly once every second) | **Dual wireless charger system communication failure**<br>→ **If the hybrid system is operating, stop and then restart the hybrid system.**<br>If the power switch is in ACC, start the hybrid system. (→P.222) |

| Operation indicator light | Suspected causes/Handling method |
|---|---|
| Green (comes on) | **The smart entry & start system is detecting the electronic key.**<br>**→ Wait until electronic key detection has completed.** |
| | **Foreign substance detection:**<br>**(1) There was a metal foreign object in the charging area before charging, and the foreign object detection function worked.**<br>**→ Remove any foreign objects that are in the charging area.**<br>**(2) Charging stopped when wearing a case with a Qi2 or MagSafe metal ring**<br>**→ Remove the case.** |
| | **Portable device misaligned / distanced from charging surface:**<br>**The center of charging coil in the portable device moved outside of the charging area, or lens convex is large, or case is thick so the abnormal heating prevention function operated**<br>**→ Remove the portable device from the wireless charger, after 5 seconds, then place the portable device so that it is near the center of the wireless charger.**<br>**Also, if a case or cover is installed to the portable device, remove it.** |
| | **Battery protection function of portable device:**<br>**Before full charging, battery protection function of portable device operated**<br>**→ Confirm the setting of portable device.** |

| Operation indicator light | Suspected causes/Handling method |
|---|---|
| Green (comes on) | **Continued detection of an electronic key:**<br>**When a Multimedia function is used through vehicle customization, the electronic key is continually detected without being confirmed.**<br>**→ In this case, turn the power switch ACC or ON to confirm the key.** |
| | **Moving mechanism Anomalies:**<br>**The coil stopped working due to an abnormality in the moving mechanism**<br>**If you do not hear the coil operating noise even after replacing it**<br>**→ Consult your any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.** |
| | **Not Qi device:**<br>**Green indicator not change, When put the device on tray.**<br>**→ Please check the WPC website to see if your device supports Qi's BPP or EPP** |
| Orange (Repeatedly flashes 4 times continuously) | **Safety shutdown resulting when the temperature within the wireless charger exceeded the set value**<br>**→ Stop charging, remove the portable device from the wireless charger, 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 (with out MPP of Qi2) can be used on compatible devices. However, compatibility with portable devices that comply with Qi Ver. 1.0, 2.0.0 and later versions is not guaranteed.

● Starting with mobile phones and smartphones, it is aimed for low power electrically supplied portable devices of no more than 5W.

● However, charging exceeding 5 W is supported by the following portable devices.

- Charging at 7.5 W or less is supported by iPhone's that support 7.5 W charging.

- Charging at 10 W or less is supported by Galaxy device that support 10 W charging of original standard.
- Charging at 15 W or less is supported by portable devices compliant with EPP output as defined by WPC standard Ver1.3.3.

### Using the smart entry & start system

If the smart entry & start system detects the key while a device is being charged, charging will be temporarily stopped.

### AM receive synchronize functions

When charging while listening to AM broadcasts, if noise occurs, perform manual switching as follows:

1. Remove the device from the tray while it is charging.
2. Confirm that the indicator has changed to a green light and the noise has stopped.
3. Return the device that was taken off the tray and check if the indicator blinks orange twice and then lights up.

If indicator blinks twice and the noise stops, the frequency switch is complete.

4. If the indicator does not blink twice, lights up orange, and there is noise, repeat the process from step 1 and confirm that it blinks twice.

### Important points of the wireless charger

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 supply switch to turn the power supply on, when turning the power switch to ACC or ON while the wireless charger power supply is on, or when detecting a portable device. However, this is not a malfunction.

### Cleaning the wireless charger

→P.492

### Situations in which the function may not operate normally

Devices may not be charged normally in the following situations.

- The portable device is fully charged
- The portable device is being charged with a cable connected
- There is foreign matter between the charge area and portable device
- Charging has caused the portable device to heat up
- The temperature around the 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
- The small portable device such as foldable type is placed in an area misaligned from the charge area
- The portable device is larger than the charging tray
- The camera lens protrudes 3 mm (0.12 in) or more from the surface of the portable device (e.g.iPhone13 pro, iPhone13 pro Max)
- 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.
- When the any of the following objects are between the charging surface of a portable device and the charging area:
  - Thick cases or covers
  - Thick decorations

- Accessories, such as finger rings, straps, etc.
- A case or cover with convex shape around the camera lens
- Cover to protect the lens surface
- Non-slip mat

● When the portable device is in contact with, or is covered by any of the following metallic objects:

- A card that has metal on it, such as aluminum foil, etc.
- A pack of cigarettes that includes aluminum foil
- A wallet or bag that is made of metal
- Coins
- A heating pad
- CDs, DVDs or other media
- An accessory made of metal (Magsafe ring of metal)
- A case or cover made of metal (Magsafe ring of metal)
- Casing which has magnet in it on the charging side of the portable device

● Electric wave type wireless remote controls are being used nearby

● 2 or more portable devices are placed on the charging tray at the same time

● In case of using device built in S-pen (Galaxy “Note” series etc.), device that inserted S-pen is placed on the tray

If charging is abnormal or the operation indicator light continues to flash for any other reason, the wireless charger may be malfunctioning. Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer as soon as possible.

### ■ If the smartphone OS has been updated

If the smartphone OS has been updated to a newer version, its charging specifications may have changed significantly. For details, check the information on the manufacturer’s website.

### ■ Trademark information

● iPhone is a trademark of Apple Inc., registered in the U.S. and other countries.
MagSafe is a trademark or registered trademark of Apple Inc..

● “Galaxy” is a trademark or registered trademark of Samsung Electronics Co., Ltd.

**WARNING**

### ■ Caution while driving

When charging a portable device, for safety reasons, the driver should not operate the main part of the portable device while driving.

### ■ 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

**WARNING**

- 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.
  Please refrain from using the retrofit metal ring and cases with products other than genuine MagSafe/Qi2 products, as there is a risk of heat generation.
- 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

**■ To prevent malfunctions and data corruptions**

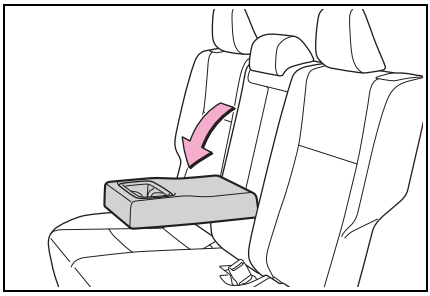
- When charging, bringing a credit, or other magnetic card, or magnetic storage media close to the charge area may clear any stored data due to magnetic influence. Also, do not bring a wristwatch or other precision instrument close to the charge area since doing so may cause it to malfunction.
- Do not charge with a non-contact IC card such as a transportation system IC card inserted between the charging side of a portable device and the charge area. The IC chip may become extremely hot and damage the portable device or IC card. Be especially careful not to charge a portable device inside a case or cover with a non-contact IC card attached.
- Do not leave portable devices inside the vehicle. The inside of the vehicle can become hot in extreme heat, which could cause a malfunction.

**■ To prevent 12-volt battery discharge**

Do not use the wireless charger for a long period of time when the hybrid system is stopped.

## Armrest

Fold down the armrest for use.



NOTICE

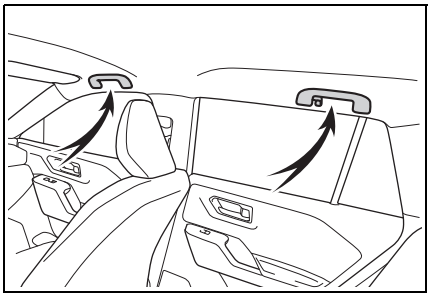
**■ To prevent damage to the armrest**

Do not apply too much load on the armrest.

## Assist grips

An assist grip installed on the ceil-

ing 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.

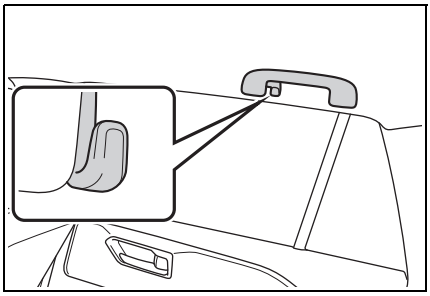
NOTICE

**■ To prevent damage to the assist grip**

Do not hang any heavy object or put a heavy load on the assist grip.

## Coat hooks

The coat hooks are provided with the rear assist grips.



**WARNING**

**■ Items that must not be hanged 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.

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# Cleaning and protecting the vehicle exterior

**Perform the following to protect the vehicle and maintain it in prime condition:**

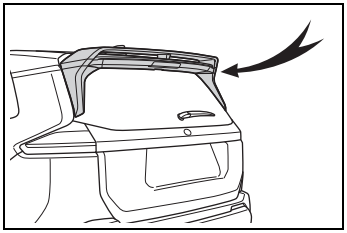
## Cleaning instructions

- Working from top to bottom, liberally apply water to the vehicle body, wheel wells and underside of the vehicle to remove any dirt and dust.
- Wash the vehicle body using a sponge or soft cloth, such as a chamois.
- For hard-to-remove marks, use car wash soap and rinse thoroughly with water.
- Wipe away any water.
- Wax the vehicle when the waterproof coating deteriorates.

If water does not bead on a clean surface, apply wax when the vehicle body is cool.

### Automatic car washes

- Vehicles with electronically controlled type shift lever: When using an automatic car washes, etc. the shift position needs to be held in N, refer to P.235.
- If the vehicle is equipped with a rear wing as shown in the illustration, do not use an automatic car wash to prevent damage to the rear wing.



- Before washing the vehicle:
  - Fold the mirrors
  - Turn off the power back door (if equipped)

Start washing from the front of the vehicle. Make sure to 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.

### 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 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.161)

### 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.

### Plated portions

If dirt cannot be removed, clean the parts as follows:

- Use a soft cloth dampened with an approximately 5% solution of neutral detergent and water to clean the dirt off.
- Wipe the surface with a dry, soft cloth to remove any remaining moisture.
- To remove oily deposits, use alcohol wet wipes or a similar product.

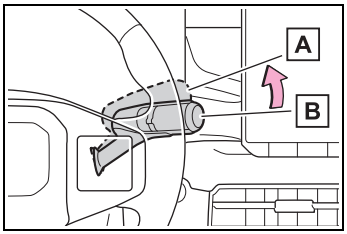
**WARNING**

### When washing the vehicle

Do not apply water to the inside of the engine compartment. Doing so may cause the electrical components, etc. to catch fire.

### When cleaning the windshield (vehicles with rain-sensing windshield wipers)

Set the wiper switch to off.
If the wiper switch is in “AUTO”, the wipers may operate unexpectedly in the following situations, and may result in hands being caught or other serious injuries and cause damage to the wiper blades.




A Off

B “AUTO”

- When the upper part of the windshield where the raindrop sensor is located is touched by hand
- When a wet rag or similar is held close to the raindrop sensor
- If something bumps against the windshield
- If you directly touch the raindrop sensor body or if something bumps into the raindrop sensor

### Precautions regarding the exhaust pipes

Exhaust gasses cause the exhaust pipes to become quite hot.

When washing the vehicle, be careful not to touch the pipes until they have cooled sufficiently, as touching hot exhaust pipes can cause burns.

**WARNING**

**■ Precaution regarding the front and rear bumper**

If the paint of the front or rear bumper is chipped or scratched, the following systems may not function correctly. If this occurs, consult any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

- BSM
- Automatic Rear Flashing Hazard Lights (if equipped)
- RCTA
- SEA (if equipped)
- Rear Vehicle Approaching Indication (if equipped)
- Secondary Collision Brake (Rear Impacts while Stopped) (if equipped)
- PKSB
- Parking Assist-Sensor

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.

NOTICE

**■ To prevent damage to the windshield wiper arms**

When lifting the wiper arms away from the windshield pull the driver side wiper arm upward first, and repeat for the passenger's side. When returning the wipers to their original position, do so from the passenger's side first.

**■ When using an automatic car wash (vehicles with rain-sensing windshield wipers)**

Set the wiper switch to off position. If the wiper switch is in "AUTO", the wipers may operate and the wiper blades may be damaged.

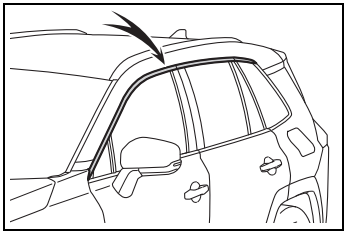
**■ When using a high pressure car wash**

- When washing the vehicle, do not let water from the high-pressure washer directly hit the camera (if equipped) or the area around the camera. Due to the shock from the high pressure water, it is possible that the device may 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), or connectors or the following parts.
  The parts may be damaged if they come into contact with high-pressure water.
  - Traction related parts
  - Steering parts
  - Suspension parts
  - Brake parts
- Keep the cleaning nozzle at least 30 cm (11.9 in.) away from the vehicle body. Otherwise resin section, such as moldings and bumpers, may be deformed and damaged. Also, do not continuously hold the nozzle in the same place.
- Do not spray the lower part of the windshield continuously. If water enters the air conditioning system intake located near the lower part of the windshield, the air conditioning system may not operate correctly.
- Do not wash the underside of the vehicle using a high pressure car washer.

**■ Black stainless steel window moldings (if equipped)**

The stainless steel window moldings are made of black oxide coated stainless steel.

When cleaning the vehicle, do not scrub the moldings with an abrasive cleaner as their finish may be damaged or the color may change.



# 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.

**WARNING**

### Water in the vehicle

- Do not splash or spill liquid in the vehicle, such as on the floor, on the rear seats, in the hybrid battery (traction battery) air intake vent or in the luggage compartment. (→P.90)
  Doing so may cause the hybrid battery, electrical components, etc. to malfunction or catch fire.
- Do not get any of the SRS components or wiring in the vehicle interior wet. (→P.41)
  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.477) get wet. Failure to do so may cause the charger to become hot and cause burns or could cause electric shock resulting in death or serious injury.

### Cleaning the interior (especially instrument panel)

Do not use a polish wax or polish cleaner. The instrument panel may reflect off the windshield, obstructing the driver's view and leading to an accident, resulting in death or serious injury.

NOTICE

■ **Cleaning detergents**

- Do not use the following types of detergent, as they may discolor the vehicle interior or cause streaks or damage to painted surfaces:
  - Non-seat portions: Organic substances such as benzene or gasoline, alkaline or acidic solutions, dye, and bleach
  - Seats: Alkaline or acidic solutions, such as thinner, benzene, and alcohol
- Do not use a polish wax or polish cleaner. The instrument panel's or other interior part's painted surface may be damaged.

■ **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.

■ **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 (vehicles with Toyota Safety Sense)**

Do not allow glass cleaner to contact the lens. Also, do not touch the lens. (→P.276)

■ **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. Use a cloth dampened with lukewarm water to gently wipe the window clean. Wipe the window in strokes running parallel to the heater wires.
- Be careful not to scratch or damage the heater wires.

## Cleaning the leather areas

- 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.

■ **Caring for leather areas**

Toyota recommends cleaning the interior of the vehicle at least twice a year to maintain the quality of the vehicle's interior.

## Cleaning the synthetic leather areas

- Remove dirt and dust using a vacuum cleaner.
- 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.

## Maintenance requirements

**To ensure safe and economical driving, day-to-day care and regular maintenance are essential. Toyota recommends the maintenance below.**

### Where to go for maintenance service?

In order to maintain your vehicle in the best possible condition, Toyota recommends that maintenance service operations as well as other inspections and repairs be carried out by authorized Toyota retailers or Toyota authorized repairers, or any reliable repairers. For repairs and services covered by your warranty, please visit an authorized Toyota retailer or repairer, who will use genuine Toyota parts in repairing any difficulties you may encounter. There can also be advantages in utilizing authorized Toyota retailers or repairers for non-warranty repairs and services, as members of the Toyota network will be able to expertly assist you with any difficulties you may encounter.

Your Toyota retailer or Toyota authorized repairer, or any reliable repairer will perform all of the scheduled maintenance on your vehicle reliably and economically due to their experience with Toyota vehicles.

**WARNING**

**If your vehicle is not properly maintained**

Improper maintenance could result in serious damage to the vehicle and possible death or serious injury.

**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.508)

## 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 “Toyota Service Booklet” or “Toyota 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 Toyota retailer or Toyota authorized repairer, or any reliable repairer. Any authorized Toyota 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 Toyota repairer to service or maintain your vehicle, we recommend that you

request that a record of maintenance be kept.

### Does your vehicle need repairs?

Be on the alert for changes in performance and sounds, and visual tip-offs that indicate service is needed. Some important clues are:

- Engine missing, stumbling or pinging
- Appreciable loss of power
- Strange engine noises
- A fluid leak under the vehicle (However, water dripping from the air conditioning system after use is normal.)
- Change in exhaust sound (This may indicate a dangerous carbon monoxide leak. Drive with the windows open and have the exhaust system checked immediately.)
- Flat-looking tires, excessive tire squeal when cornering, uneven tire wear
- Vehicle pulls to one side when driven straight on a level road
- Strange noises related to suspension movement
- Loss of brake effectiveness, spongy feeling brake pedal, pedal almost touches the floor, vehicle pulls to one side when braking
- Engine coolant temperature continually higher than normal (→P.101)

If you notice any of these clues, take your vehicle to any authorized Toyota retailer or Toyota 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.508) | • Warm water<br>• Baking soda<br>• Grease<br>• Conventional wrench (for terminal clamp bolts)<br>• Distilled water |
| Engine/power control unit coolant level (→P.505) | • “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<br>“Toyota Super Long Life Coolant” is premixed with 50% coolant and 50% deionized water.<br>• Funnel (used only for adding coolant) |
| Engine oil level (→P.502) | • “Toyota Genuine Motor Oil” or equivalent<br>• Rag or paper towel<br>• Funnel (used only for adding engine oil) |
| Fuses (→P.532) | • Fuse with same amperage rating as original |
| Hybrid battery (traction battery) air intake vent (→P.526) | • Vacuum cleaner, etc,<br>• Flathead screwdriver |
| Light bulbs (→P.535) | • Bulb with same number and wattage rating as original<br>• Phillips-head screwdriver<br>• Flathead screwdriver |
| Radiator and condenser (→P.506) | — |
| Tire inflation pressure (→P.522) | • Tire pressure gauge<br>• Compressed air source |
| Washer fluid (→P.506) | • Water or washer fluid containing antifreeze (for winter use)<br>• Funnel (used only for adding water or washer fluid) |

**WARNING**

The engine compartment contains many mechanisms and fluids that may move suddenly, become hot, or become electrically energized. To avoid death or serious injury, observe the following precautions.

**■ When working on the engine compartment**

- Make sure that “IGNITION ON” on the multi-information display and the “READY” indicator are both off.
- Keep hands, clothing and tools away from the moving fan.
- Be careful not to touch the engine, power control unit, radiator, exhaust manifold, etc. right after driving as they may be hot. Oil and other fluids may also be hot.
- Do not leave anything that may burn easily, such as paper and rags, in the engine compartment.
- Do not smoke, cause sparks or expose an open flame to fuel. Fuel fumes are flammable.
- Take care because brake fluid can harm your hands or eyes and damage painted surfaces. If fluid gets on your hands or in your eyes, flush the affected area with clean water immediately. If you still experience discomfort, consult a doctor.

**■ When working near the electric cooling fan or radiator grille**

Be sure the power switch is off.
With the power switch in ON, the electric cooling fan may automatically start to run if the air conditioning is on and/or the coolant temperature is high. (→P.506)

**■ Safety glasses**

Wear safety glasses to prevent flying or falling material, fluid spray, etc., from getting in your eyes.

NOTICE

**■ If you remove the air cleaner filter**

Driving with the air cleaner filter removed may cause excessive engine wear due to dirt in the air.

**■ If the fluid level is low or high**

It is normal for the brake fluid level to go down slightly as the brake pads wear or when the fluid level in the accumulator is high.
If the reservoir needs frequent refilling, it may indicate a serious problem.

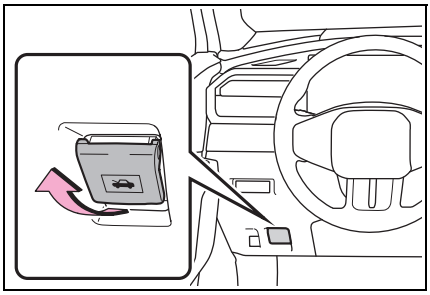
## Hood

**Release the lock from the inside of the vehicle to open the hood.**

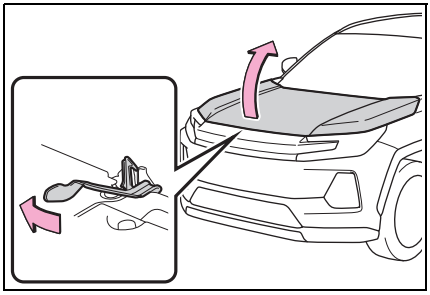
### Opening the hood

1 Pull the hood lock release lever.

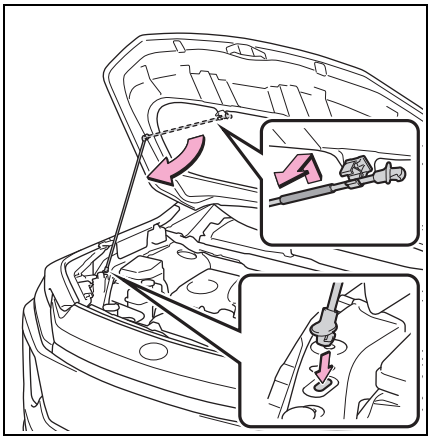
The hood will pop up slightly.



2 Push the auxiliary catch lever to the left 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.

**■ To prevent injuries**

The support rod may be hot after driving the vehicle. Touching the hot support rod may lead to burns or other serious injuries.

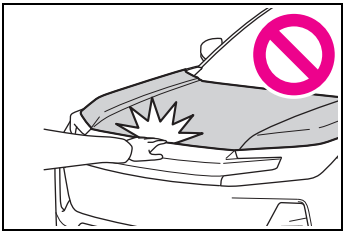
**■ After installing the support rod into the slot**

Make sure the rod supports the hood securely from falling down on to your head or body.

**WARNING**

**■When closing the hood**

When closing the hood, take extra care to prevent your fingers etc. from being caught.



NOTICE

**■When closing the hood**

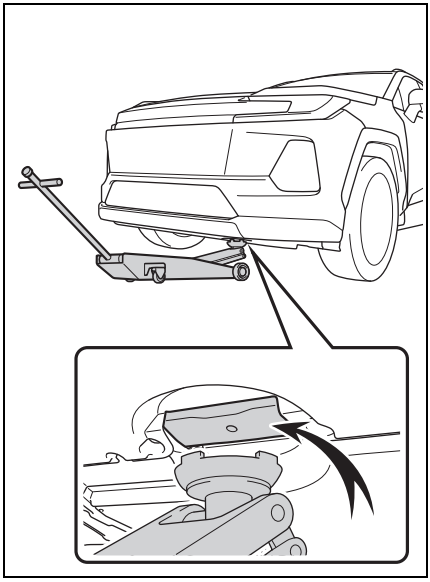
Be sure to return the support rod to its clip before closing the hood. Closing the hood without returning the support rod properly could cause the hood to bend.

## Positioning a floor jack

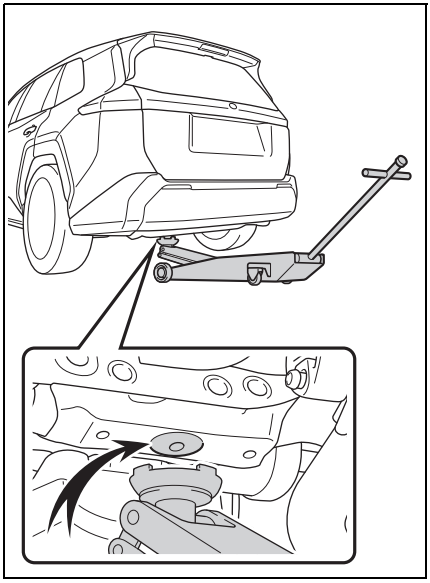
**When using a floor jack, follow the instructions in the manual provided with the jack and perform the operation safely.**
**When raising your vehicle with a floor jack, position the jack correctly.**
**Improper placement may damage your vehicle or cause injury.**

### Location of the jack point

**■ Front**

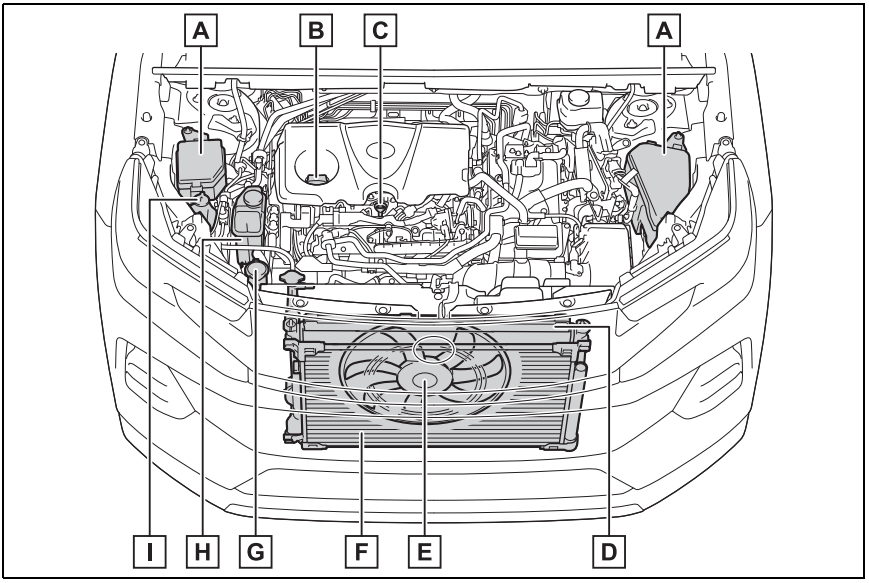


■ **Rear**



# Engine compartment

## Components




A Fuse boxes (→P.532)

B Engine oil filler cap (→P.504)

C Engine oil level dipstick (→P.502)

D Radiator (→P.506)

E Electric cooling fan

F Condenser (→P.506)

G Washer fluid tank (→P.506)

H Power control unit coolant reservoir (→P.505)

I Engine coolant reservoir (→P.505)

**■ 12-volt battery**

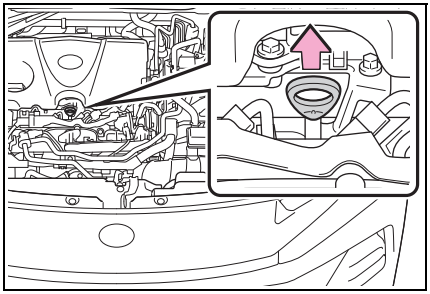
→P.508

## Checking the engine oil

With the engine at operating temperature and turned off, check the oil level on the dipstick.

1 Park the vehicle on level ground. After warming up the engine and turning off the hybrid system, wait about 5 minutes for the oil to drain back into the bottom of the engine.

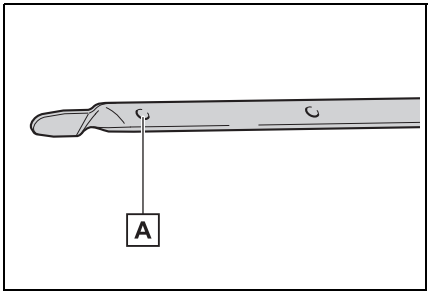
2 Holding a rag under the end, pull the dipstick out.



3 Wipe the dipstick clean.

4 Reinsert the dipstick fully.

5 Holding a rag under the end, pull the dipstick out and check whether the oil level is above low level mark.




A Low level mark

The shape of the dipstick may differ depending on the type of vehicle or engine.

6 Wipe the dipstick and reinsert it fully.

NOTICE

**■ To prevent serious engine damage**

Check the oil level on a regular basis.

### ■ Engine oil consumption

A certain amount of engine oil will be consumed while driving. In the following situations, oil consumption may increase, and engine oil may need to be refilled in between oil maintenance intervals.

- When the engine is new, for example directly after purchasing the vehicle or after replacing the engine
- If low quality oil or oil of an inappropriate viscosity is used
- When driving at high engine speeds or with a heavy load, when towing, or when driving while accelerating or decelerating frequently
- When leaving the engine idling for a long time, or when driving frequently through heavy traffic

### ■ Engine oil level rise

If the vehicle is repeatedly driven without the engine warmed up, moisture caused by dew condensation inside the engine or fuel which did not burn mixes into the engine oil, resulting in a rise in engine oil level. However, this is not a malfunction. For example, the engine become difficult to be warmed up in the following situations.

- When driving a short distance
- When driving at a low speed
- When the outside temperature is low

When checking the engine oil, make sure that the engine is warmed up. If the engine oil level exceeds the refill upper limit mark, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

## Adding engine oil

### ■ Checking the oil type and preparing the items needed

Make sure to check the oil type and prepare the items needed before adding oil.

- Engine oil selection

→P.607

- Oil quantity (Low level mark → Refill upper limit mark)

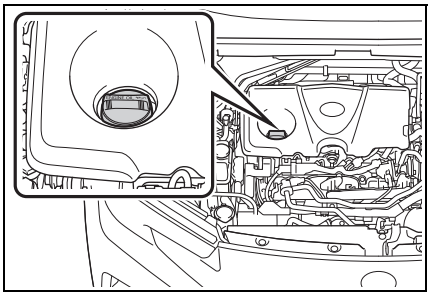
1.5 L (1.6 qt., 1.3 Imp. qt.)

- Item

Clean funnel

### ■ Adding engine oil

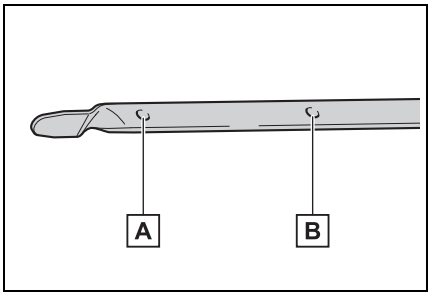
If the oil level is below or near the low level mark, add engine oil of the same type as that already in the engine.



1 Remove the oil filler cap by turning it counterclockwise.

2 Add engine oil slowly, checking the dipstick.

Make sure that the oil level does not exceed the refill upper limit mark and is between the low level mark and refill upper limit mark.




A Low level mark

B Refill upper limit mark

The shape of the dipstick may differ depending on the type of vehicle or engine.

3 Install the oil filler cap by turning it clockwise.

**WARNING**

**■ Used engine oil**

- Used engine oil contains potentially harmful contaminants which may cause skin disorders such as inflammation and skin cancer, so care should be taken to avoid prolonged and repeated contact. To remove used engine oil from your skin, wash thoroughly with soap and water.
- Dispose of used oil and filters only in a safe and acceptable manner. Do not dispose of used oil and filters in household trash, in sewers or onto the ground. Call any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer, service station or auto parts store for information concerning recycling or disposal.
- Do not leave used engine oil within the reach of children.

NOTICE

■ **When replacing the engine oil**

- Be careful not to spill engine oil on the vehicle components.
- Avoid overfilling, or the engine could be damaged.
- Check the oil level on the dipstick every time you refill the vehicle.
- Be sure the engine oil filler cap is properly tightened.

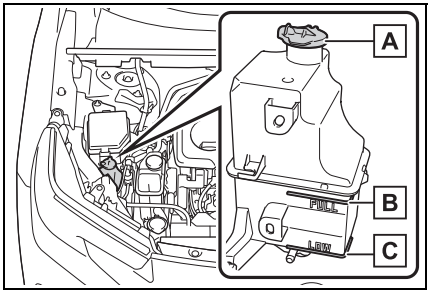
■ **If oil is spilled on the engine cover**

To prevent the engine cover from being damaged, remove any engine oil from the engine cover as soon as possible using a neutral detergent. Do not use an organic solvent such as brake cleaner.

## Checking the coolant

The coolant level is satisfactory if it is between the “FULL”/ “MAX” and “LOW”/ “MIN” lines on the reservoir when the hybrid system is cold.

■ **Engine coolant reservoir**



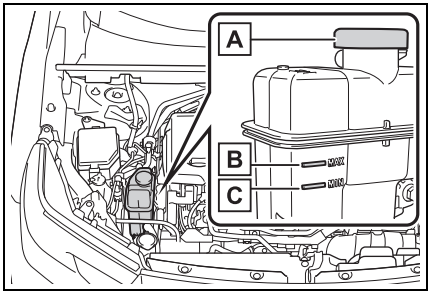

A Reservoir cap

B “FULL” line

C “LOW” line

If the level is on or below the “LOW” line, add coolant up to the “FULL” line. (→P.596)

■ **Power control unit coolant reservoir**




A Reservoir cap

B “MAX” line

C “MIN” line

If the level is on or below the “MIN” line, add coolant up to the “MAX” line. (→P.598)

■ **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 Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **If the coolant level drops within a short time of replenishing**

Visually check the radiators, hoses, engine/power control unit/hybrid battery (traction battery) coolant reservoir caps, drain cock and water pump.
If you cannot find a leak, have any authorized Toyota retailer or Toyota

authorized repairer, or any reliable repairer, test the cap and check for leaks in the cooling system.

**WARNING**

**■When the hybrid system is hot**

Do not remove the engine/power control unit/hybrid battery (traction battery) 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 Toyota retailer or Toyota authorized repairer, or any reliable repairer.

**WARNING**

**■When the hybrid system is hot**

Do not touch the radiator or condenser as they may be hot and cause serious injuries, such as burns.

**■When the electric cooling fan is operating**

Do not touch the engine compartment.

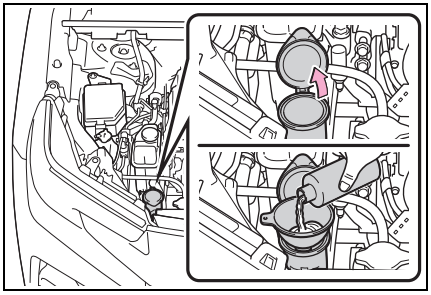
With the power switch in ON, the electric cooling fan may automatically start to run if the air conditioning is on and/or the coolant temperature is high. Be sure the power switch is off when working near the electric cooling fan or radiator grille.

## Checking and adding the washer fluid

▶ Without level gauge

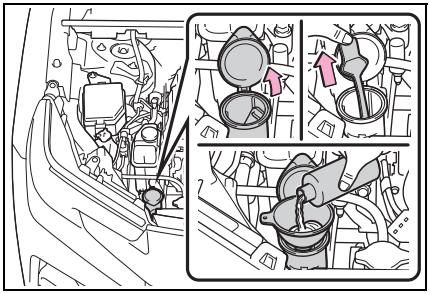
Type A: If any washer does not work, the washer tank may be empty. Add washer fluid.

Type B: If any washer does not work or the warning message appears on the multi-information display, the washer tank may be empty. Add washer fluid.



▶ With level gauge

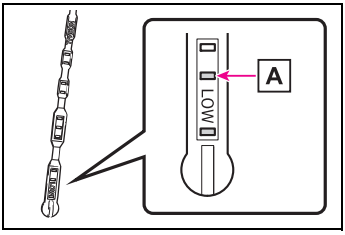
If the washer fluid level is at “LOW”, add washer fluid.



### Using the gauge (if equipped)

The washer fluid level can be checked by observing the position of the level on the liquid-covered holes in the gauge.

If the level falls below the second hole from the bottom (the “LOW” position), refill the washer fluid.




A Current fluid level

**WARNING**

**When adding washer fluid**

Do not add washer fluid when the hybrid system is hot or operating as washer fluid contains alcohol and may catch fire if spilled on the hybrid system, etc.

NOTICE

**Do not use any fluid other than washer fluid**

Do not use soapy water or engine 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.

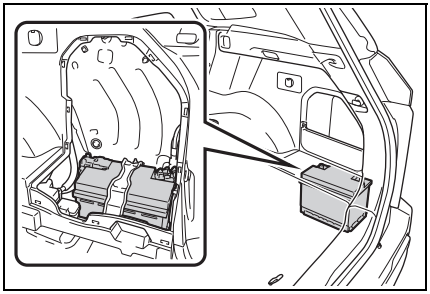
**Diluting washer fluid**

Dilute washer fluid with water as necessary.
Refer to the freezing temperatures listed on the label of the washer fluid bottle.

# 12-volt battery

## Location

The 12-volt battery is located in the right-hand side of luggage compartment.



### Before recharging

When recharging, the 12-volt battery produces hydrogen gas which is flammable and explosive. Therefore, observe the following precautions before recharging:

- If recharging with the 12-volt battery installed on the vehicle, be sure to disconnect the ground cable.
- Make sure the power switch on the charger is off when connecting and disconnecting the charger cables to the 12-volt battery.

### After recharging/reconnecting the 12-volt battery

- Vehicles with steering lock function: The hybrid system may not start. Follow the procedure below to initialize the system.

1 Shift the shift position to P.
2 Open and close any of the doors.
3 Restart the hybrid system.

- Unlocking the doors using the smart entry & start system may not be possible immediately after reconnecting the 12-volt battery. If this happens, use the wireless remote control or the mechanical key to lock/unlock the doors.
- Start the hybrid system with the power switch in ACC*. The hybrid system may not start with the power switch turned off. However, the hybrid system will operate normally from the second attempt.
- The power switch mode is recorded by the vehicle. If the 12-volt battery is reconnected, the vehicle will return the power switch mode to the status it was in before the 12-volt battery was disconnected. Make sure to turn off the power switch before disconnect the 12-volt battery. Take extra care when connecting the 12-volt battery if the power switch mode prior to discharge is unknown.

If the hybrid system will not start even after multiple attempts at all methods above, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

*: ACC mode can be enabled/disabled on the customize menu. (→P.615)

**WARNING**

### Chemicals in the 12-volt battery

The 12-volt battery contains poisonous and corrosive sulfuric acid and may produce hydrogen gas which is flammable and explosive. To reduce the risk of death or serious injury, take the following precautions while working on or near the 12-volt battery:

- Do not cause sparks by touching the 12-volt battery terminals with tools.
- Do not smoke or light a match near the 12-volt battery.
- Avoid contact with eyes, skin and clothes.
- Never inhale or swallow electrolyte.

**WARNING**

- 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 not sufficient 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 hybrid system is operating. Also, be sure all accessories are turned off.

**■ When adding distilled water**

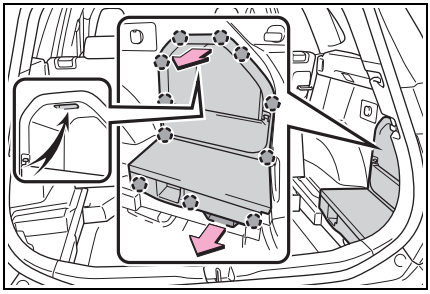
Avoid overfilling. Water spilled during 12-volt battery recharging may cause corrosion.

## Removing the 12-volt battery cover

1 Open the deck board (→P.470)

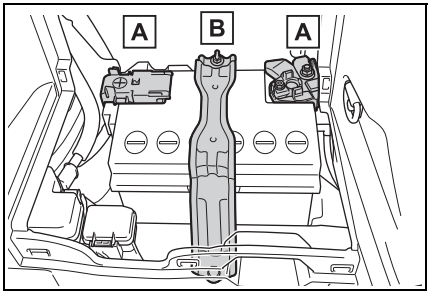
2 Disengage the 11 claws and pull the luggage side cover to remove it.

When installing the luggage side cover, make sure that the claws are installed securely.



## Exterior

Make sure that the 12-volt battery terminals are not corroded and that there are no loose connections, cracks, or loose clamps.

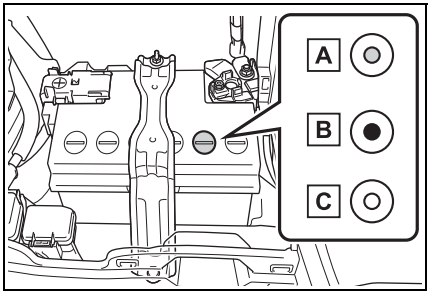



A Terminals

B Hold-down clamp

## Checking the battery condition (vehicles with battery indicator)

Check the battery condition by indicator color.



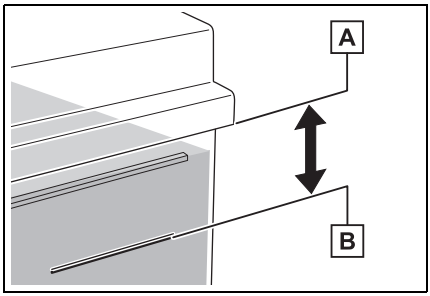

A Blue: Good condition

B Red: Charging is necessary.
Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

C Clear: Replacement is necessary.
Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

## Checking the 12-volt battery fluid

Check that the fluid level is above the “LOWER LEVEL” line.




A Bottom of the battery lid

B “LOWER LEVEL” line

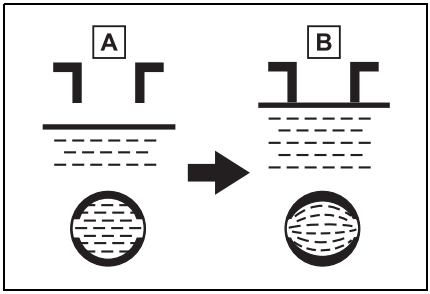
Add distilled water before the fluid level drops below the “LOWER LEVEL” line.

## Adding distilled water

1 Remove the vent plug.

2 Add distilled water.

If it is difficult to see the fluid level from the side, check it by looking directly into the cell.




A LOW

B O.K.

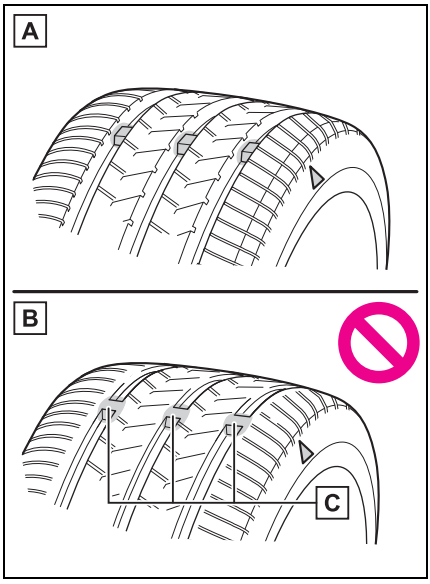
3 Put the vent plug back on and close it securely.

## Tires

**Replace or rotate tires in accordance with maintenance schedules and treadwear.**

### Checking tires

Check if the treadwear indicators are showing on the tires. Also check the tires for uneven wear, such as excessive wear on one side of the tread.
Check the spare tire condition and pressure if not rotated.




A New tread

B Worn tread

C Treadwear indicator

The location of treadwear indicators is shown by a “TWI” or “ △ ” marks, 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 with any authorized Toyota retailer or Toyota 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.

**⚠ WARNING**

**■ When inspecting or replacing tires**

Observe the following precautions to prevent accidents.
Failure to do so may cause damage to parts of the drive train 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 Toyota.
- Do not mix differently constructed tires (radial, bias-belted or bias-ply tires).
- Do not mix summer, all season and snow tires.
- Do not use tires that have been used on another vehicle.
  Do not use tires if you do not know how they were used previously.
- Vehicles with compact spare tire: Do not tow if your vehicle has a compact spare tire installed.
- Vehicles with emergency tire puncture repair kit: Do not tow anything if a tire that has been repaired using the emergency tire puncture repair kit is installed. The load on the tire may cause unexpected damage to the tire.

**⚠ NOTICE**

**■ Driving on rough roads**

Take particular care when driving on roads with loose surfaces or potholes. These conditions may cause losses in tire inflation pressure, reducing the cushioning ability of the tires. In addition, driving on rough roads may cause damage to the tires themselves, as well as the vehicle's wheels and body.

**■ If tire inflation pressure of each tire becomes low while driving**

Do not continue driving, or your tires and/or wheels may be ruined.

## Tire rotation

Rotate the tires in the order shown.

2WD models:

Rotate the tires approximately every

10000 km (6000 miles) to equalize tire wear and help extend tire life.

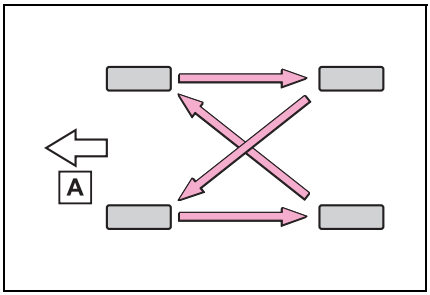
Do not fail to initialize the tire pressure warning system after tire rotation.

AWD models:

Rotate the tires approximately every 5000 km (3000 miles) to equalize tire wear and help extend tire life.

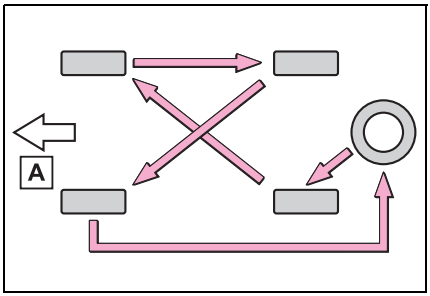
Do not fail to initialize the tire pressure warning system after tire rotation.

▶ Vehicles without full-size spare tire




A Front

▶ Vehicles with full-size spare tire




A Front

## Tire pressure warning system

Your vehicle is equipped with a tire pressure warning system that uses tire pressure warning valves and transmitters to detect low tire inflation pressure before serious problems arise.

The tire pressure warning system of this vehicle adopts the following warning systems:

- Warning light (→P.558)
- Multi-information display

• When “Adjust pressure” is displayed (Normal Warning)

A warning with the tire pressure warning light and warning buzzer when there is an unknown level of low tire pressure with the appearance of the tire due to natural air leakage as well as the pressure lowering due to changes in the pressure according to the outside temperature.

• When “Tyre pressure very low Drive cautiously” is displayed (Emergency Warning)

This message is displayed when the tire pressure has significantly dropped, and any further drop may cause a tire burst.

• When “Immediately check Tyre when safe” is displayed (Emergency Warning)

A warning with the tire pressure warning light and warning buzzer when there is a known level of low tire pressure with the appearance of the tire due to pressure suddenly lowering.

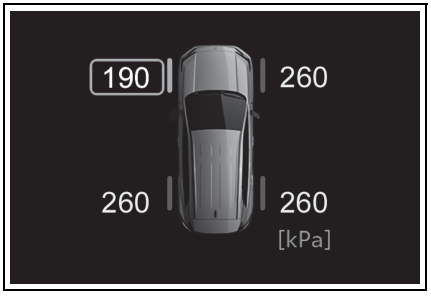
However, the system may not be able to detect sudden tire ruptures (bursting, etc.).

• When “Tyre air leaking Visit nearest dealer” is displayed (Normal Warning)

This message is displayed when a slow puncture may be occurring in a tire.

The tire pressure detected by the tire pressure warning system can be displayed on the multi-information display. (→P.111)

The illustration used is intended as an example, and may differ from the image that is actually displayed on the multi-information display.




**■ Routine tire inflation pressure checks**

The tire pressure warning system does not replace routine tire inflation pressure checks. Make sure to check tire inflation pressure as part of your routine of daily vehicle checks.

**■ Tire inflation pressure**

- It may take a few minutes to display the tire inflation pressure after the power switch is turned to ON. It may also take a few minutes to display the tire inflation pressure after inflation pressure has been adjusted.
- Tire inflation pressure changes with temperature. The displayed values may also be different from the values measured using a tire pressure gauge.

**■ Situations in which the tire pressure warning system may not operate properly**

- In the following cases, the tire pressure warning system may not operate properly.
  - If non-genuine Toyota wheels are used.
  - If a tire has been replaced with a tire that is not an OE (Original Equipment) tire.
  - If a tire has been replaced with a tire that is not of the specified size.
  - If tire chains etc. are 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 changing the location of the vehicle as the radio wave conditions may change.

- When the vehicle is parked, the time taken for the warning to start or go off could be extended.
- When tire inflation pressure declines rapidly for example when a tire has burst, the warning may not function.

## Installing tire pressure warning valves and transmitters

When replacing tires or wheels, tire

pressure warning valves and transmitters must also be installed.

When new tire pressure warning valves and transmitters are installed, new ID codes must be registered in the tire pressure warning computer. (→P.518)

**■ 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. In this case, 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 Toyota retailer or Toyota 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, corrode the valve, and cause sticking and air leaks.
- When replacing tire valve caps, do not use tire valve caps other than those specified. The cap may become stuck.

**■ 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 Toyota retailer or Toyota 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 replacing the tire.

## Registration of the position of each wheel

It is necessary to register the position of each wheel after performing a tire rotation.

Wheel position registration can be performed by oneself. Wheel position registration is performed by driving forward with moderate left and right turns. However, depending on the driving conditions and driving environment, registration may take some time to complete.

1 Park the vehicle in a safe place, turn the power switch off and wait 15 minutes or more.

2 Start the hybrid system.

The wheel position registration procedure cannot be performed while the vehicle is moving.

3 Select ⚙ on the Multimedia Display.

4 Select “Vehicle”.

5 Select “Tires”.

6 Select “Detect tire position”.

7 Select “Start”.

A message indicating that wheel position registration is being performed will be displayed on the multi-information display. “---” will be displayed for the tire inflation pressure of each tire and wheel position registration will begin.

8 Drive straight (with occasional left and right turns) at approximately 40 km/h (25 mph) or more for approximately 10 to 30 minutes.

When wheel position registration is complete, a message indicating that registration has been completed and the inflation pressure of each tire will be displayed on the multi-information display.

Even if it is not possible to drive continuously at approximately 40 km/h (25 mph) or more, registration can be completed by driving for a long time. However, if registration does not complete after driving for 1 hour or more, park the vehicle in a safe place and leave it with the power switch in ON for approximately 15 minutes or more, and then perform the driving procedure again.

**When performing wheel position registration**

- Normally, wheel position registration can be completed within approximately 30 minutes.
- Wheel position registration is performed while driving at a vehicle speed of approximately 40 km/h (25 mph) or more.

**Wheel position registration procedure**

- If the power switch is turned off while registering the wheel position, the next time the power switch is turned to ON, the wheel position registration will resume and it will not be necessary to restart the procedure.
- While the position of each wheel is being determined and the inflation pressures are not being displayed, if the inflation pressure of a tire drops, the tire pressure warning light will come on.

**If the wheel position cannot be registered easily**

- In the following situations, wheel position registration may take longer than usual to be completed or may not be possible.
  - Vehicle is not driven at approximately 40 km/h (25 mph) or more
  - Vehicle is driven on unpaved roads
  - If wheel position registration does not complete after driving for 1 hour or more, park the vehicle in a safe place for approximately 15 minutes and then drive the vehicle again.
- If the vehicle is reversed during wheel position registration, all data collected until then will be cleared. Perform driving again.

## Setting the tire pressure

In the following situations, it will be necessary to perform the tire inflation pressure setting procedure of the tire pressure warning system.

- When the specified tire inflation pressure has changed, such as due to carried load, etc.
- When the tire inflation pressure is changed such as when the tire size is changed.

If the tire inflation pressure has been adjusted to the specified level, perform the tire inflation setting procedure by selecting specified inflation pressure on the Multimedia Display.

When the tire inflation pressure is to be

other than specified, such as when tires other than the specified size are used, etc., set the tire inflation pressure using the current pressure. Make sure to adjust the tire inflation pressure of each tire to the appropriate level before performing tire pressure setting. The tire pressure warning system operates based on this tire inflation pressure.

### ■ Setting by selecting a specified tire inflation pressure

1 Start the hybrid system.

The tire inflation pressure cannot be set while the vehicle is moving.

2 Select ⚙ on the Multimedia Display.

3 Select “Vehicle”.

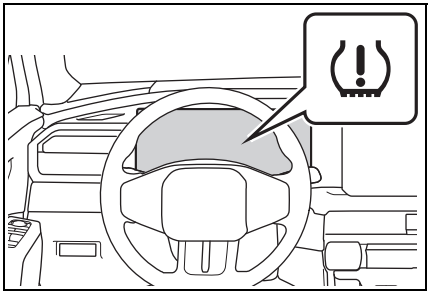
4 Select “Tires”.

5 Select “Set custom pressure” and then select the desired front and rear tire pressures. (→P.611)

6 Select “Save”.

The tire pressure warning light will slowly blink 3 times.

After setting the tire inflation pressure, a message indicating that setting has been completed will be displayed on the multi-information display.



#### ■ If the tire inflation pressure cannot be set easily

- If the tire pressure warning light does not blink 3 times when starting the tire inflation pressure setting procedure, the procedure may not have started. Perform the procedure again from the beginning.
- If tire inflation pressure setting procedure cannot be completed after performing the above procedure, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

### ■ Setting using the current tire inflation pressure

**⚠ WARNING**

**■ Before performing tire pressure setting**

Make sure to adjust the tire inflation pressure of each tire to the appropriate level. Otherwise, the tire pressure warning light may not illuminate even if the tire inflation pressure drops or may illuminate even though the tire inflation pressure is normal.

1 Adjust the tire inflation pressure of each tire to the appropriate level.

Make sure to adjust the tire inflation pressure with the tires cold.

2 Start the hybrid system.

The tire inflation pressure cannot be set while the vehicle is moving.

3 Select ⚙ on the Multimedia Display.

4 Select “Vehicle”.

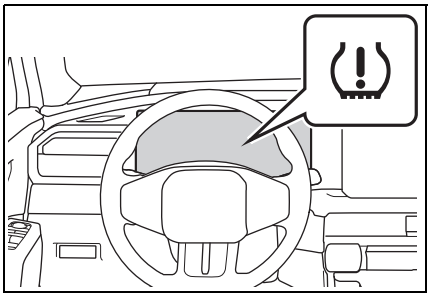
5 Select “Tires”.

6 Select “Use current pressure”.

7 Select “Confirm”.

The tire pressure warning light will slowly blink 3 times and a message indicating that tire inflation pressure is being set will be displayed on the multi-information display.

After setting the tire inflation pressure, a message indicating that setting has been completed will be displayed on the multi-information display.



■ **Warning performance of the tire pressure warning system**

- When performing the tire pressure setting using the current tire inflation pressure, the warning timing of the tire pressure warning system will vary according to the conditions under which tire pressure setting was performed. Therefore, a warning may be output even if the tire inflation pressure drops slightly or if the tire inflation pressure increases above that when the tire inflation pressure was set.
- Make sure to perform the tire pressure setting procedure after adjusting the tire inflation pressure. Also, make sure the tires are cold before performing the tire pressure setting procedure or adjusting the tire inflation pressure.

■ **Tire inflation pressure setting procedure**

- If the power switch is turned off while setting the tire inflation pressure, the next time the power switch is turned to ON, the setting procedure will resume and it will not be necessary to restart the procedure.
- If the tire inflation pressure setting procedure is started unnecessarily, adjust the tire inflation pressure to the specified level with the tires cold and then perform setting by selecting a specified tire inflation pressure, or perform the tire inflation pressure setting procedure with the current tire inflation pressure.

■ **If the tire inflation pressure cannot be set easily**

- Normally, the tire inflation pressure setting procedure can be completed in 2 or 3 minutes.
- If the tire pressure warning light does not blink 3 times when starting the tire inflation pressure setting procedure, the procedure may not have started. Perform the procedure again from the beginning.
- If tire inflation pressure setting procedure cannot be completed after performing the above procedure, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

## Registering ID codes

■ **When to register ID codes**

The tire pressure warning valve and transmitter is equipped with a unique ID code. When new tire pressure warning valves and transmitters are installed, new ID codes must be registered in the tire pressure warning computer.

- ID codes can be registered by yourself, but depending on the driving conditions and driving environment, registration may take some time to complete.
- When using a wheel set which all of the ID codes have already been registered, the wheel set

can be changed in a short amount of time. (→P.520)

Before performing ID code registration, make sure that no wheels with tire pressure warning valve and transmitters installed are near the vehicle.

1 Park the vehicle in a safe place, turn the power switch off and wait 15 minutes or more.

2 Start the hybrid system.

The ID code registration procedure cannot be performed while the vehicle is moving.

3 Select ⚙ on the Multimedia Display.

4 Select “Vehicle”.

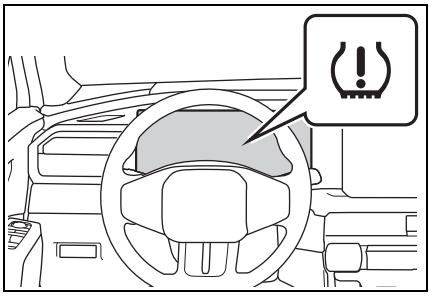
5 Select “Tires”.

6 Check if the desired wheel set (“Set 1” or “Set 2”) is displayed.

ID codes will be registered to the displayed wheel set.

To change the wheel set to be registered, select the displayed set, and then select the wheel set you wish to register.

If ID codes have already been registered for that wheel set, the tire pressure warning light will slowly blink 3 times, and a message indicating that change is occurring will be displayed on the multi-information display.



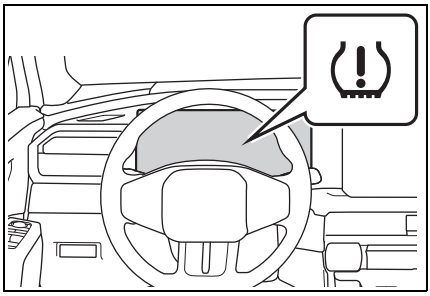
7 Select “Register”.

8 Select “Start”.

The tire pressure warning light will slowly blink 3 times and a message indicating that ID code registration is being performed will be displayed on the multi-information display. Wheel set changing will be canceled and registration will begin.

When registration is being performed, the tire pressure warning light will blink for approximately 1 minute then illuminate and “---” will be displayed for the inflation pressure of each tire on the multi-information display.

If the tire pressure warning light does not blink 3 times when starting ID code registration procedure, the procedure may not have started. Perform the procedure again from the beginning.



9 Drive straight (with occasional left and right turns) at approximately 40 km/h (25 mph) or

more for approximately 10 to 30 minutes.

When registration is complete, the tire pressure warning light will turn off and a message indicating that registration has been completed will be displayed on the multi-information display.

Registration may take longer than normal to complete if the vehicle speed cannot be maintained at approximately 40 km/h (25 mph) or more. If registration cannot be completed after driving for 1 hour or more, perform the registration procedure again from the beginning.

**10** If the tire inflation pressure of the wheel set installed differs from that of the previous set, it will be necessary to perform the tire inflation pressure setting procedure of the tire pressure warning system. (→P.516)

If the specified tire inflation pressure is the same, it will not be necessary to perform the tire inflation pressure setting procedure.

**■ When registering ID codes**

- Normally, ID codes registration can be completed within approximately 30 minutes.
- ID code registration is performed while driving at a vehicle speed of approximately 40 km/h (25 mph) or more.

**■ If ID codes are not registered easily**

- In the following situations, ID code registration may take longer than usual to be completed or may not be possible.
  - When the vehicle has not been parked for approximately 15 minutes or more before being driven
  - Vehicle is not driven at approximately 40 km/h (25 mph) or more
  - Vehicle is driven on unpaved roads
  - Vehicle is driven near other vehicles and system cannot recognize tire pressure warning valve and transmitters of your vehicle over those of other vehicles
  - Wheel with tire pressure warning valve and transmitter installed is inside or near the vehicle
- If the vehicle is reversed during registration, all data collected until then will be cleared. Perform driving again.
- If registration does not complete after driving for 1 hour or more, perform the ID code registration procedure again from the beginning.
- If the ID codes cannot be registered even when performing the above procedure, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

**■ Canceling ID code registration**

To cancel ID code registration after it has been started, select “Register” again on the Multimedia Display.

If ID code registration has been canceled, the tire pressure warning light will turn off.

If the warning light does not turn off, ID code registration may not have been cancelled correctly. To cancel registration, select “Register” on the Multimedia Display.

## Selecting wheel set

Your vehicle is equipped with a tire pressure warning system with a function to register two sets of ID codes. This allows for registration of a second wheel set, for example a winter set.

- The wheel set can be changed

only if a second wheel set has been registered to the system. If a second wheel set has not been registered, “Set 2 (Unregistered)” will be displayed and it will not be possible to change to the selected wheel set.

ID codes can be registered by yourself. (→P.518)

- Only a change between both registered wheel set is possible, mixing between these wheel sets is not supported.
- While registering ID codes, it may not be possible to change between wheel sets normally. Cancel registration before changing between wheel sets. (→P.520)

1 Install the desired wheel set.

2 Select ⚙ on the Multimedia Display.

3 Select “Vehicle”.

4 Select “Tires”.

5 Select the wheel set (“Set 1” or “Set 2”) displayed for the set selection setting.

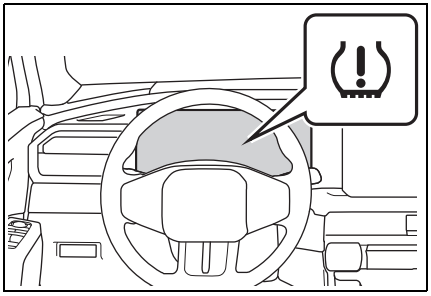
The tire pressure warning light will slowly blink 3 times, a message indicating that change is occurring will be displayed, and the wheel set change will begin.

Wheel set change will begin and the tire pressure warning light will blink for 1 minute and then illuminate. Also, while the change is being performed, “---” will be displayed for the tire inflation pressure of each tire on the multi-information display.

After approximately 2 minutes, the wheel set change will complete, the tire pressure warning light will turn off, and a completion message will be displayed on the multi-information display.

If changing does not complete after approximately 4 minutes, a message indicating that the change could not be completed will be displayed.

Check which wheel set is installed and perform the change procedure again from the beginning.



6 If the specified tire inflation pressure of the wheel set installed differs from that of the previous set, it will be necessary to perform the tire inflation pressure setting procedure of the tire pressure warning system. (→P.516)

If the specified tire inflation pressure is the same, it will not be necessary to perform the tire inflation pressure setting procedure.

7 Register the position of each wheel. (→P.515)

## Tire inflation pressure

**Make sure to maintain the proper tire inflation pressure. Tire inflation pressure should be checked at least once per month. However, Toyota recommends that tire inflation pressure be checked once every two weeks. (→P.611)**

### Effects of incorrect tire inflation pressure

Driving with incorrect tire inflation pressure may result in the following:

- Reduced fuel economy
- Reduced driving comfort and poor handling
- Reduced tire life due to wear
- Reduced safety
- Damage to the drive train

If a tire needs frequent inflating, have it checked by any authorized Toyota retailer or Toyota 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 Toyota retailer or Toyota authorized repairer, or any reliable repairer.

*: Conventionally referred to as offset.

Toyota 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.513, 524)

**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.

**■ When installing the wheel nuts**

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 an accident and resulting in death or serious injury. Remove any oil or grease from the wheel bolts or wheel nuts.

**■ 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 Toyota retailer or Toyota 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 Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- Ensure that only genuine Toyota 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 Toyota wheel nuts and wrenches designed for use with your aluminum wheels.
- When rotating, repairing or changing your tires, check that the wheel nuts are still tight after driving 1600 km (1000 miles).
- Be careful not to damage the aluminum wheels when using tire chains.
- Use only Toyota genuine balance weights or equivalent and a plastic or rubber hammer when balancing your wheels.

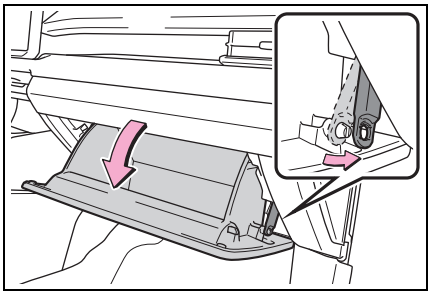
## Air conditioning filter

**The air conditioning filter must be changed regularly to maintain air conditioning efficiency.**

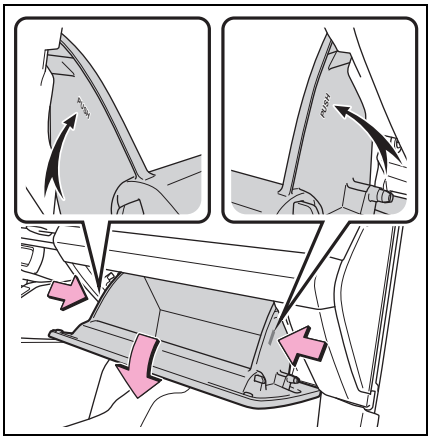
### Removal method

1 Turn the power switch to OFF.

2 Open the glove box and slide off the damper.



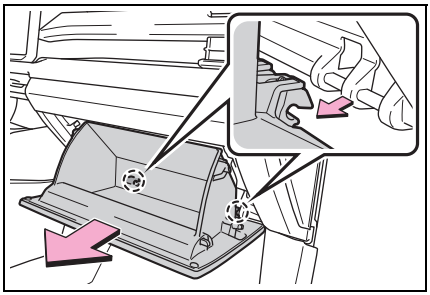
3 Push in each side of the glove box to disconnect the claws, and then slowly and fully open the glove box while supporting it.



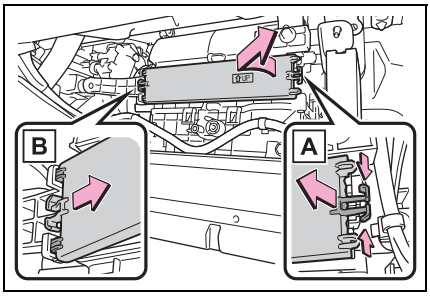
4 With the glove box fully open, slightly lift up the glove box and

pull toward the seat to detach the bottom of the glove box.

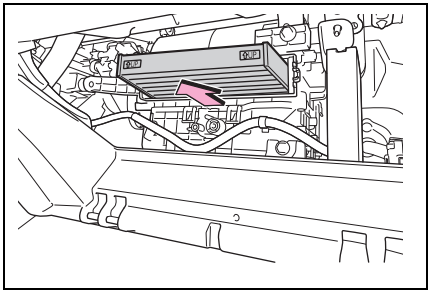
Do not use excessive force if the glove box does not detach when lightly pulled. Instead, pull toward the seat while slightly adjusting the height of the glove box.



5 Unlock the filter cover ( A ), pull the filter cover out of the claws ( B ), and remove the filter cover.




6 Remove the air conditioning filter and replace it with a new one.



7 When installing, reverse the steps listed.

### ■ 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 “Toyota Service Booklet” or “Toyota Warranty Booklet”.)

### ■ If air flow from the vents decreases dramatically

The filter may be clogged. Check the filter and replace if necessary.

**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.

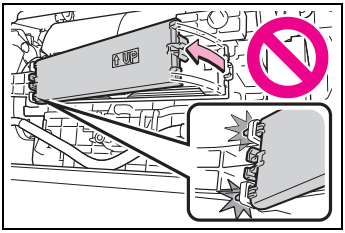
NOTICE

**When removing the glove box**

Always follow the specified procedure to remove the glove box (→P.524). If the glove box is removed without following the specified procedure, the hinge of the glove box may become damaged.

**To prevent damage to the filter cover**

When moving the filter cover in the direction of arrow to release the fitting, pay attention not to apply excessive force to the claws. Otherwise, the claws may be damaged.



## Cleaning the hybrid battery (traction battery) air intake vent

**To prevent the fuel economy from being affected, visually inspect the hybrid battery (traction battery) air intake vent periodically for clogs.**

**If it is dusty or clogged or if "Maintenance required for traction battery cooling parts See owner's manual" is displayed on the multi-information display, clean the air intake vent using the following procedures:**

**Scheduled maintenance of the air intake vent is necessary when**

In some situations such as when the vehicle is used frequently or in heavy traffic or dusty areas, the air intake vent may need to be cleaned more regularly. For details, refer to the "Toyota Service Booklet" or "Toyota Warranty Booklet".

**Cleaning the air intake vent**

Improper handling of the air intake vent cover and filter may result in damage to them. If you have any concerns about cleaning the filter, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

NOTICE

**■ If "Maintenance required for traction battery cooling parts See owner's manual" is displayed on the multi-information display**

Clean the air intake vent immediately. If the vehicle is continuously driven with the warning message displayed, it may cause a malfunction or output restriction of the hybrid battery (traction battery).

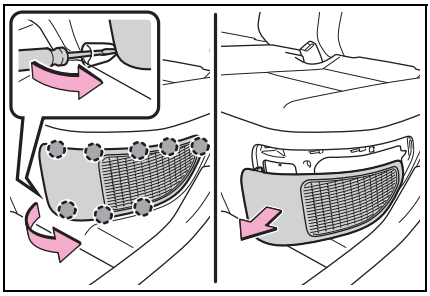
## Cleaning procedure

1 Turn the power switch off.

2 Remove the air intake vent cover.

Insert screwdriver to portion shown in the illustration and pull it, remove the claws in the 8 locations shown in the illustration and pull the air intake vent cover to the front of the vehicle to remove it.

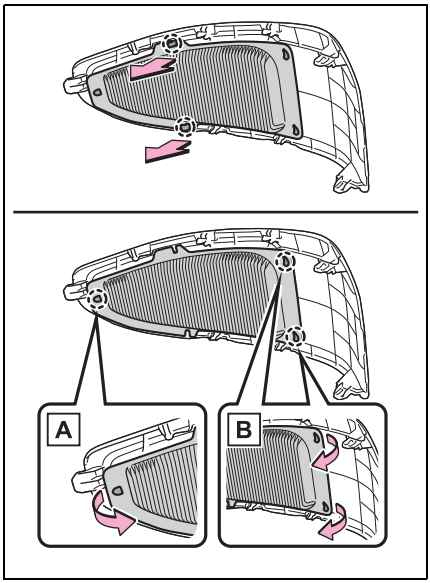
To prevent damage to the air intake vent cover, protect the tip of the screwdriver with a rag.



3 Remove the filter from the air intake vent cover.

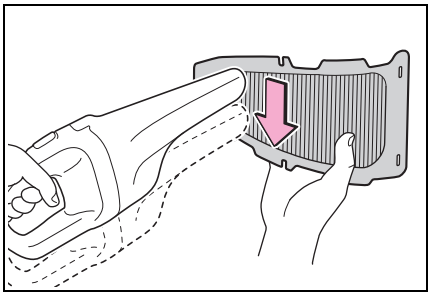
Detach the claws in the order of the center (2 locations), A and B.

If dust has accumulated on the air intake vent cover, remove the dust with a vacuum cleaner, etc.




4 Remove the dust and sand from the filter.

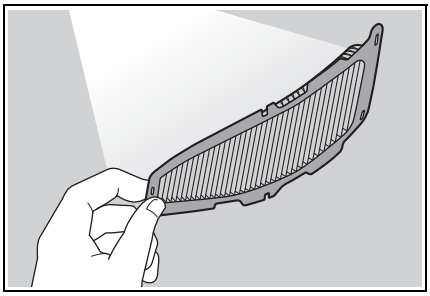
Using a vacuum cleaner, etc., absorb dust and sand from the filter by profiling the nozzle lightly along the fold.



5 Hold the filter to the light and check if it is not clogged.

If the dust or sand cannot be removed completely, contact any authorized Toyota retailer or Toyota authorized

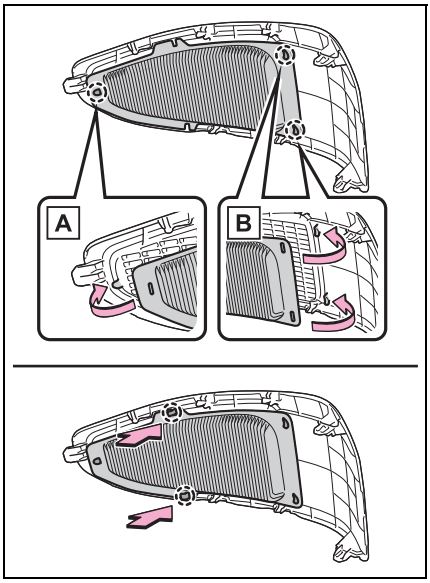
repairer, or any reliable repairer.



**6** Reinstall the filter to the cover.

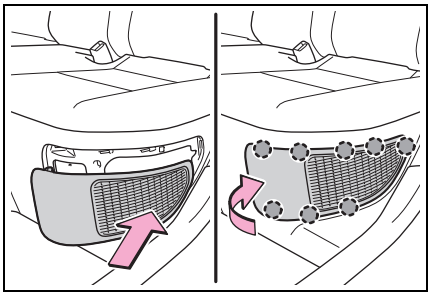
Attach the claws to the air intake cover in the order of B , A and the center (2 locations).

Make sure that the filter is not crooked or deformed when installing it.




**7** Install the air intake vent cover.

Insert the claw of the right corner of the air intake vent cover, and then attach the claws in the 8 locations shown in the illustration.



▶ If “Maintenance required for traction battery cooling parts See owner’s manual” was displayed on the multi-information display

**8** Start the hybrid system and check that the warning message is no longer displayed.

It may be necessary to drive the vehicle for approximately 20 minutes before the warning message is displayed again then disappears.

If the warning message does not disappear after some time, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

### ■ If the dust or sand on the filter cannot be removed

It is recommended to use a vacuum cleaner with plastic brushes.

**WARNING**

**■ When cleaning the air intake vent**

- Do not use water or other liquids to clean the air intake vent. If water is applied to the hybrid battery (traction battery) or other components, a malfunction or fire may occur.
- Before cleaning the air intake vent, make sure to turn the power switch off to stop the hybrid system.

**WARNING**

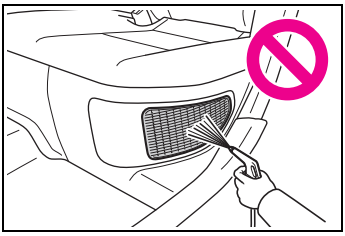
- Do not put a hand or leg in the air intake vent. If it is caught in a cooling fan, or if it touches a high voltage part that results in an electric shock, death or serious injuries may result.

NOTICE

**■ When cleaning the air intake vent**

Do not use an air blow gun, etc.

Dust may be blown out, possibly causing a malfunction or output restriction of the hybrid battery (traction battery).



**■ To prevent damage to the vehicle**

Observe the following precautions:

- Do not allow water or foreign matter to enter the air intake vent.
- Make sure to reinstall the filter and cover to their original positions after cleaning.
- Do not install anything to the air intake vent other than the exclusive filter for this vehicle or use the vehicle without the filter installed.

**■ To prevent damage to the filter**

Observe the following precautions.

If the filter is damaged, have it replaced with a new filter by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

- Do not use an air blow gun, etc.
- Do not press hard a vacuum cleaner, etc. against the filter.
- Do not use a hard brush, such as a metal brush.
- Do not break the fold of the filter.

## Electronic key battery

**Replace the battery with a new one if it is depleted.**

### If the 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.

## Items to prepare

Prepare the following before replacing the battery:

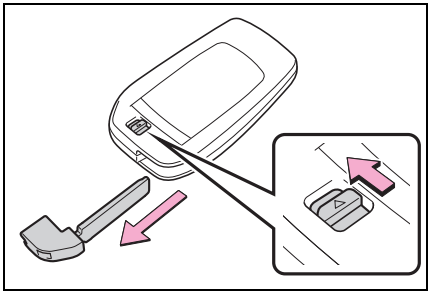
- Flathead screwdriver
- Small flathead screwdriver
- Lithium battery CR2032

### Use a CR2032 lithium battery

- Batteries can be purchased at any authorized Toyota retailer or Toyota 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

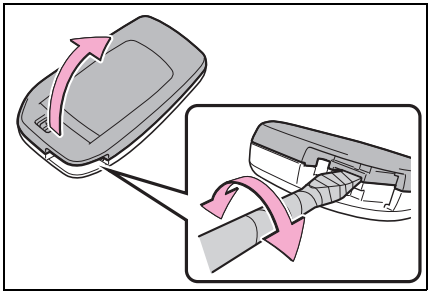
1 Release the lock and remove the mechanical key.



2 Remove the key cover.

Use a screwdriver of an appropriate size. Forcedly prying may cause the cover damaged.

To prevent damage to the key, cover the tip of the flathead screwdriver with a rag.

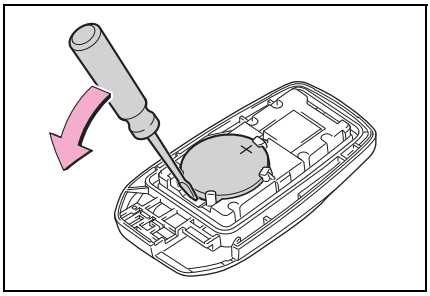


3 Remove the depleted battery using a small flathead screwdriver.

When removing the cover, the electronic key module may stick to the cover and the battery may not be visible. In this case, remove the electronic key module in order to remove the battery.

Insert a new battery with the “+” termi-

nal facing up.



4 When installing, reverse the steps listed.

**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 Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- If you accidentally swallow a battery or put a battery into a part of your body, get emergency medical attention immediately.

**■ To prevent battery explosion or leakage of flammable liquid or gas**

- Replace the battery with a new battery of the same type. If a wrong type of battery is used, it may explode.
- Do not expose batteries to extremely low pressure due to high altitude or extremely high temperatures.
- Do not burn, break or cut a battery.

**■ Certification for the electronic key battery**

CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

NOTICE

**■ 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.**

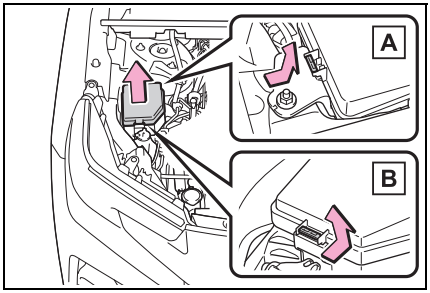
### Checking and replacing fuses

1 Turn the power switch to OFF.

2 Open the fuse box cover.

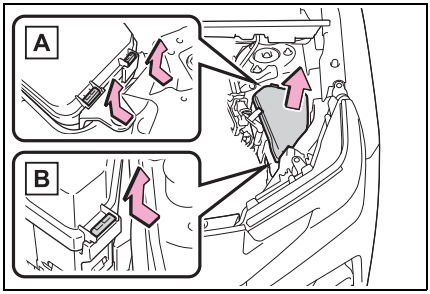
▶ Engine compartment: Type A fuse box

Push claws A and B to completely release the lock, and then lift up the cover.



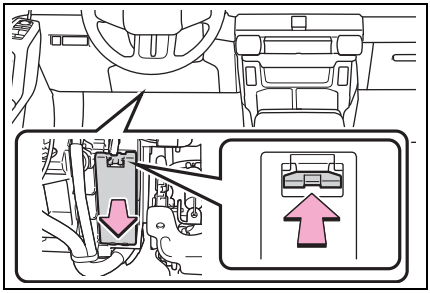

▶ Engine compartment: Type B fuse box

Push claws A and B to completely release the lock, and then lift up the cover.

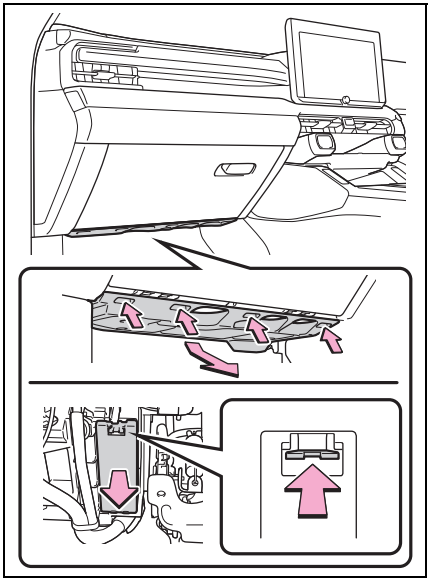



▶ Left side instrument panel

Left-hand drive vehicles: Remove the lid.



Right-hand drive vehicles: Push the tab in and remove the cover, and then remove the lid.

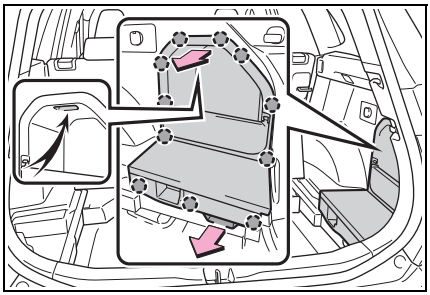


▶ Right side luggage compartment

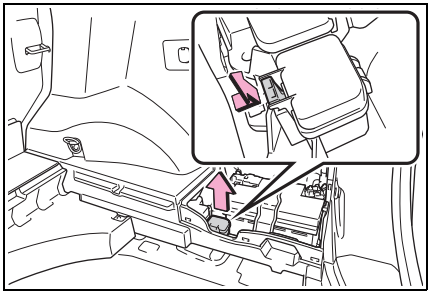
Open the deck board. (→P.470)

Disengage the 11 claws and pull the luggage side cover to remove it.

When installing the luggage side cover, make sure that the claws are installed securely.

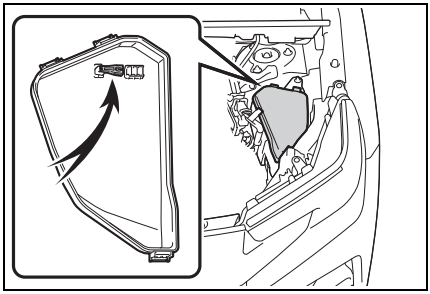


Remove the cover



**3** Remove the fuse.

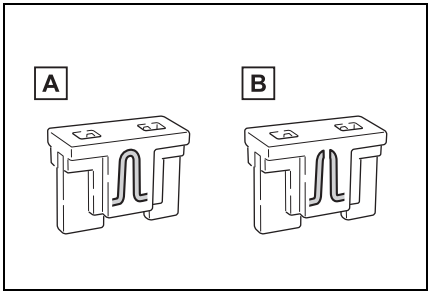
Only type A fuse can be removed using the pullout tool.



**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.

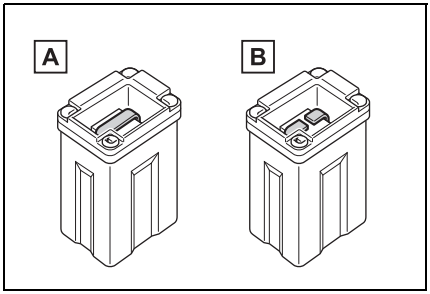
▶ Type A




A Normal fuse

B Blown fuse

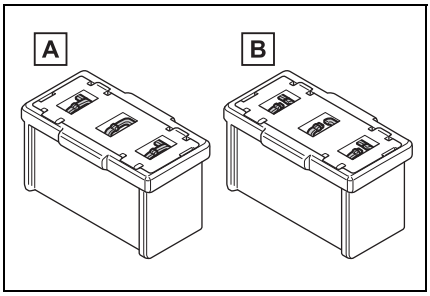
▶ Type B




A Normal fuse

B Blown fuse

▶ Type C




A Normal fuse

B Blown fuse

### ■ After a fuse is replaced

- When installing the lid, make sure that the tab is installed securely.
- If the lights do not turn on even after the fuse has been replaced, a bulb may need replacement. (→P.535)
- If the replaced fuse blows again, have the vehicle inspected by any authorized Toyota retailer or Toyota 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 an electronic component, such as a lights, etc.

Toyota recommends that you use genuine Toyota products designed for this vehicle. Because certain electronic components 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 Toyota fuse or equivalent.
  Never replace a fuse with a wire, even as a temporary fix.
- Do not modify the fuses or fuse boxes.

NOTICE

### ■ Before replacing fuses

Have the cause of electrical overload determined and repaired by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer as soon as possible.

### ■ To prevent damage to the engine compartment fuse box cover

When opening the fuse box, completely release the claw locks before lifting up the cover. Otherwise, the claws may be damaged.

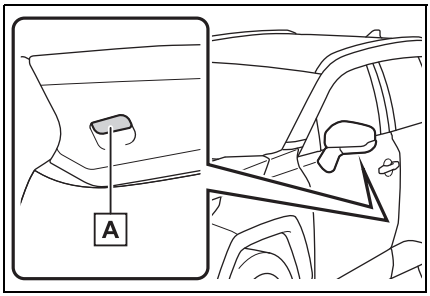
## Light bulbs

**You may replace the following bulbs by yourself. The difficulty level of replacement varies depending on the bulb. As there is a danger that components may be damaged, we recommend that replacement is carried out by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.**

### Preparing for light bulb replacement

Check the wattage of the light bulb to be replaced. (→P.612)

### Bulb location




A Outer foot lights (if equipped)

■ **Lights that need to be replaced by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer**

- Headlights
- Front turn signal lights
- Daytime running lights
- Front position lights
- Front fog lights
- Side turn signal lights
- Tail lights
- Stop lights
- Rear turn signal lights
- Rear fog light (if equipped)
- Back-up lights
- High mounted stoplight
- License plate lights

■ **LED lights**

The lights other than the outer foot lights (if equipped) each consist of a number of LEDs. If any of the LEDs burn out, take your vehicle to any authorized Toyota retailer or Toyota 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 light lens does not indicate a malfunction. Contact any authorized Toyota retailer or Toyota 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 light.

■ **When replacing an electronic component, such as a lights, etc.**

→P.534

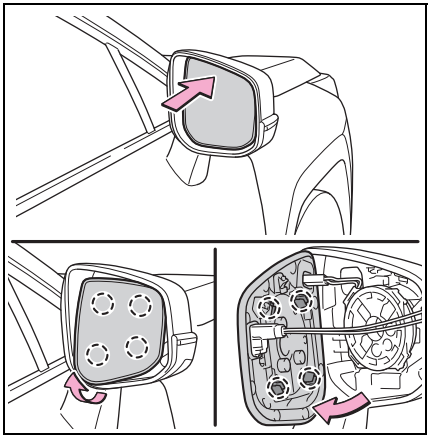
## Replacing light bulb

### ■ Outer foot lights (if equipped)

1 Press the upper part of the outside rear view mirror to tilt the mirror face upward, and disconnect the four tabs behind the mirror.

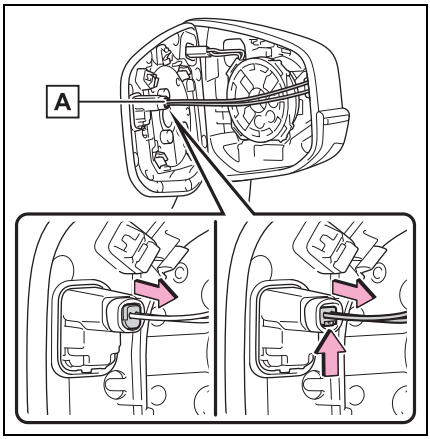
Pry the mirror out toward you, and disconnect two tabs at a time.

Work carefully, ensuring that you do not drop the mirror.



2 Remove the connector A cover behind the mirror, and disconnect the connector A .

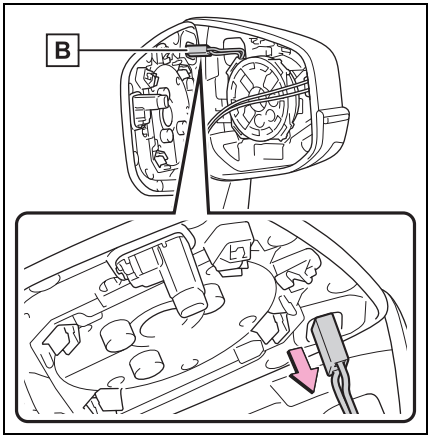
Make sure to check the connectors, to avoid connecting upside down when reinstalling.



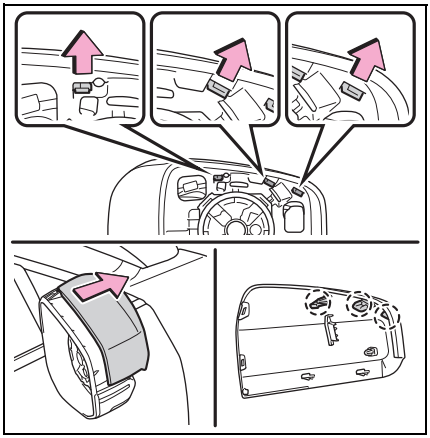

3 Disconnect the connector B behind the mirror, and remove the mirror.

Make sure to check the connectors, to avoid connecting upside down when reinstalling.

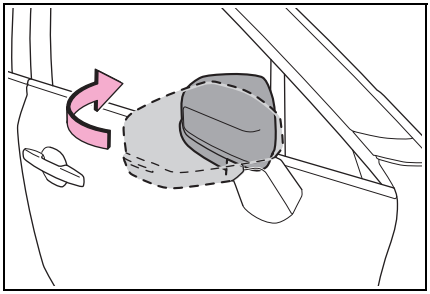
Work carefully, ensuring that you do not drop the mirror.



4 Disconnect the tabs behind the mirror cover, and remove the mirror cover.



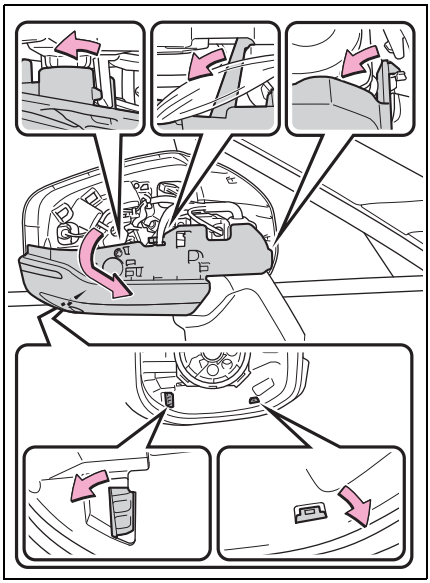
5 Fold the mirror before removing the light unit.



6 Remove the light unit.

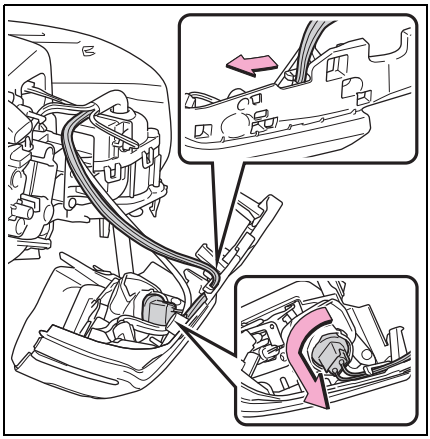
Disengage the 5 tabs with a flat-head screwdriver.

Work carefully, ensuring that you do not damage the tabs.

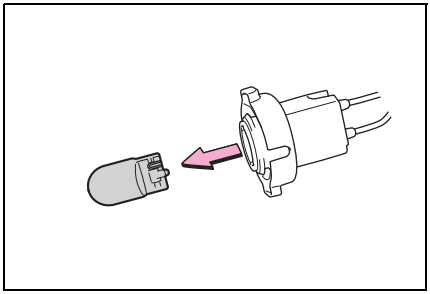


7 Turn the bulb base counter-clockwise.

Remove the cord from the clip before turning the bulb base.



8 Remove the light bulb.



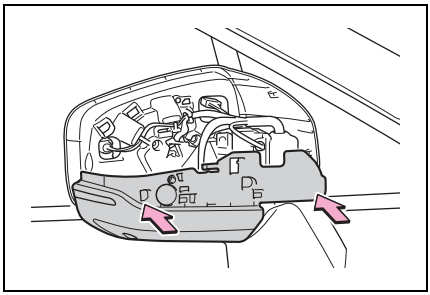
9 Install a new light bulb then install the bulb base to the light unit by inserting it and turning the bulb base clockwise.

Secure the cord with the clip back again after installing the bulb base.

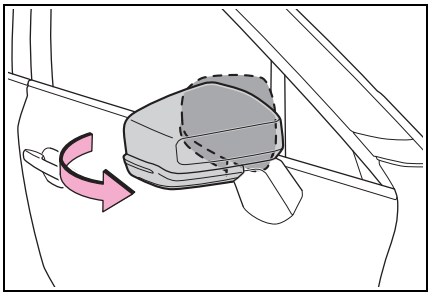


10 Install the light unit.

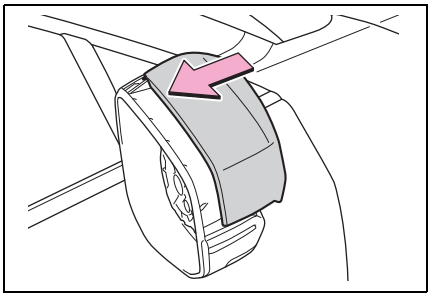
Make sure that the 5 tabs of the light unit are engaged securely.



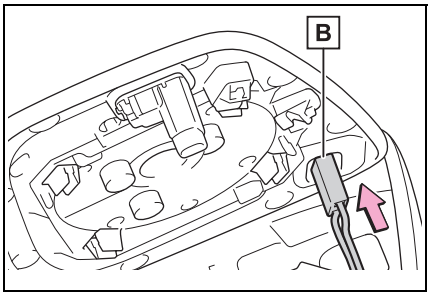
11 Extend the mirror.



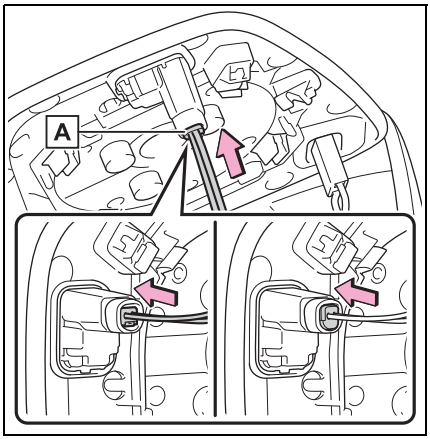
12 Install the mirror cover.



13 Reconnect the connector B of the mirror.



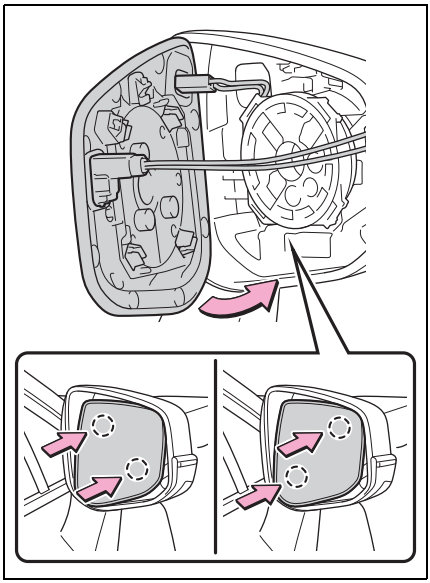

14 Reconnect the connector A of the mirror, and install the connector A cover.




15 Align the tabs, and secure the mirror by pushing in each diagonally-opposite pair of tabs in order.

Make sure to insert the tabs in order as shown in the illustration, and push them in until a click is heard.

If you do not hear the click, do not force the tabs in. Instead, remove the mirror and check that the tabs are aligned.



**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.
- 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.

**WARNING**

- Do not attempt to repair or disassemble light bulbs, connectors, electric circuits or component parts. Doing so may result in death or serious injury due to electric shock.

**■ To prevent damage or fire**

- Make sure bulb is fully seated and locked.
- Check the wattage of the bulb before installing to prevent heat damage.

**7-1. Essential information**

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**7-2. Steps to take in an emergency**

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If the electronic key does not operate properly .....589

If the 12-volt battery is discharged .....591

If your vehicle overheats...596

If the vehicle becomes stuck .....600

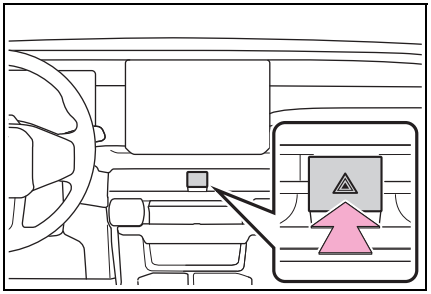
## Emergency flashers

**The emergency flashers are used to warn other drivers when the vehicle has to be stopped in the road due to a breakdown, etc.**

### Operating instructions

Press the switch.

All the turn signal lights will flash.
To turn them off, press the switch once again.



**■ Emergency flashers**

- If the emergency flashers are used for a long time while the hybrid system is not operating (while the “READY” indicator is not illuminated), the 12-volt battery may discharge.
- If any of the SRS airbags deploy (inflate) or in the event of a strong rear impact, the emergency flashers will turn on automatically.
  The emergency flashers will turn off automatically after operating for approximately 20 minutes. To manually turn the emergency flashers off, press the switch twice. (The emergency flashers may not turn on automatically depending on the force of the impact and conditions of the collision.)

## If your vehicle has to be stopped in an emergency

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

### Stopping the vehicle

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

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

2 Shift the shift 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.

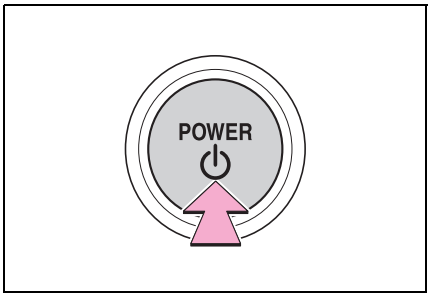
4 Stop the hybrid system.

▶ 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 hybrid system, press and hold the power switch for 2 consecutive seconds or more,

or press it briefly 3 times or more in succession.




5 Stop the vehicle in a safe place by the road.

**If emergency stopped**

The functions of the air conditioning, etc. may be partially limited in order to reduce the power consumption of the 12-volt battery.

**WARNING**

**If the hybrid system has to be turned off while driving**

Turning the hybrid system off while driving will not cause a loss of steering or braking control. However, power assist for the steering wheel may be lost making it difficult to steer smoothly before stopping the vehicle depending on the remaining charge in the 12-volt battery or usage conditions. Decelerate as much as possible before turning off the hybrid system.

## If the vehicle is submerged or water on the road is rising

**This vehicle is not designed to be able to drive on roads that are deeply flooded with water. Do not drive on roads where the roads may be submerged or the water may be rising. It is dangerous to remain in the vehicle, if it is anticipated that the vehicle will be flooded or set adrift. Remain calm and follow the following.**

- If the door can be opened, open the door and exit the vehicle.
- If the door cannot be opened, open the window using the power window switch and ensure an escape route.
- If the window can be opened, exit the vehicle through the window.
- If the door and window cannot be opened due to the rising water, remain calm, wait until the water level inside the vehicle rises to the point that the water pressure inside of the vehicle equals the water pressure outside of the vehicle and then open the door after waiting for the rising water to enter the vehicle, and exit the vehicle.

When the outside water level exceeds half the height of the door, the door cannot be opened from the inside due

to water pressure.

### ■ Water level exceeds the floor

When the water level exceeds the floor and time has passed, the electrical equipment will get damaged, the power windows will not operate, the engine and motor stop, and the vehicle may not be able to get moving.

### ■ Using an emergency escape hammer*

Laminated glass is used in the windshield on this vehicle. Laminated glass cannot be shattered with an emergency hammer*. Tempered glass is used in the windows on this vehicle.

*: Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer or aftermarket accessory manufacturer for further information about an emergency hammer.

**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 Toyota retailer or Toyota 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 (vehicles with electronically controlled type shift lever)

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 Toyota retailer or Toyota authorized repairer, or any reliable repairer or commercial towing service.

- There is a malfunction in the shift control system. (→P.225)
- There is a malfunction in the immobilizer system. (→P.92)
- There is a malfunction in the smart entry & start system. (→P.589)
- The 12-volt battery is discharged. (→P.591)

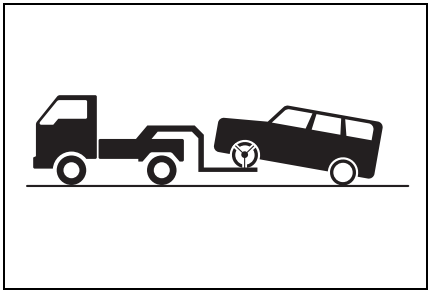
### Situations when it is necessary to contact dealers before towing

The following may indicate a problem with your transmission. Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer or commercial towing service before towing.

- The hybrid system warning message is shown on the multi-information display and the vehicle does not move.
- The vehicle makes an abnormal sound.

### Towing with a wheel-lift type truck

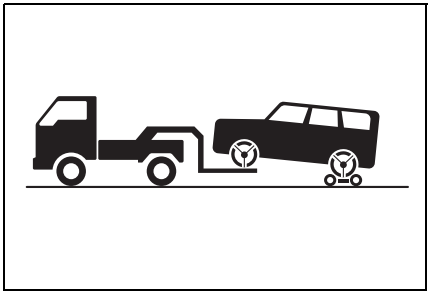
▶ From the front (2WD models)



Release the parking brake.

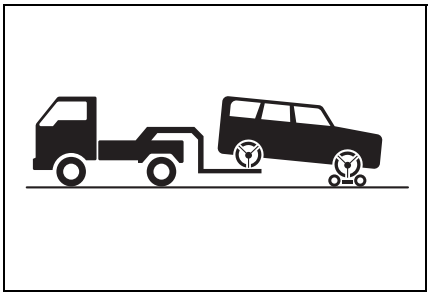
Turn automatic mode off. (→P.244)

▶ From the front (AWD models)



Use a towing dolly under the rear wheels.

▶ From the rear



Use a towing dolly under the front wheels.

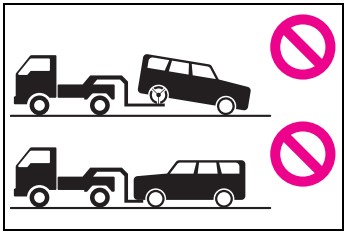
**WARNING**

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

**■When towing the vehicle**

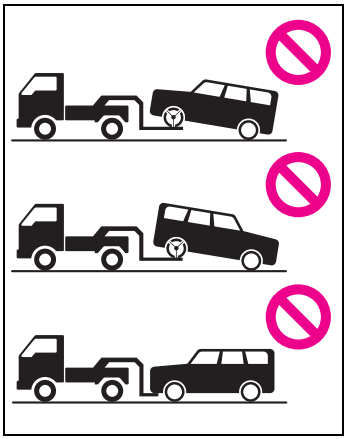
▶ 2WD models

Be sure to transport the vehicle with the front wheels raised or with all four wheels raised off the ground. If the vehicle is towed with the front wheels contacting the ground, the drivetrain and related parts may be damaged or electricity generated by the operation of the motor may cause a fire to occur depending on the nature of the damage or malfunction.



▶ AWD models

Be sure to transport the vehicle with all four wheels raised off the ground. If the vehicle is towed with the tires contacting the ground, the drivetrain or related parts may be damaged, the vehicle may fly off the truck, or electricity generated by the operation of the motor may cause a fire to occur depending on the nature of the damage or malfunction.



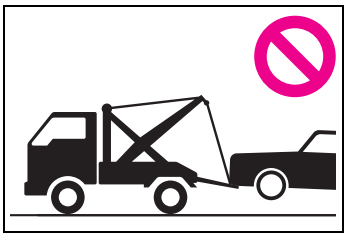
NOTICE

**■ To prevent damage to the vehicle when towing using a wheel-lift type truck**

- Vehicles with steering lock function: Do not tow the vehicle from the rear when the power switch is off. The steering lock mechanism is not strong enough to hold the front wheels straight.
- When raising the vehicle, ensure adequate ground clearance for towing at the opposite end of the raised vehicle. Without adequate clearance, the vehicle could be damaged while being towed.

**■ Towing with a sling-type truck**

Do not tow with a sling-type truck to prevent body damage.



## Using a flatbed truck

When using a flat-bed truck to transport the vehicle, use tire strapping belts. Refer to the owner's manual of the flat-bed truck for the tire strapping method.
In order to suppress vehicle movement during transportation, set the parking brake and turn the power switch off.

## Emergency towing

If a tow truck is not available in an emergency, your vehicle may be temporarily towed using cables or chains secured to the emergency towing eyelet. This should only be attempted on hard surfaced roads for short distances at under 30 km/h (18 mph).

A driver must be in the vehicle to steer and operate the brakes. The vehicle's wheels, drive train, axles, steering and brakes must be in good condition.

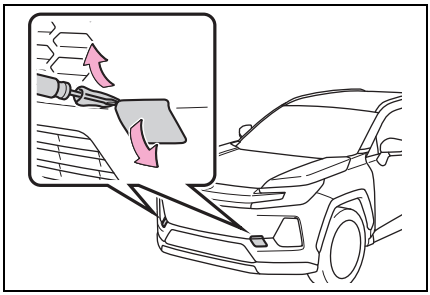
## Emergency towing procedure

To have your vehicle towed by another vehicle, the towing eyelet must be installed to your vehicle. Install the towing eyelet using the following procedure.

1. Take out the wheel nut wrench (if equipped) and towing eyelet. (→P.569, 580)
2. Remove the eyelet cover using a flathead screwdriver.

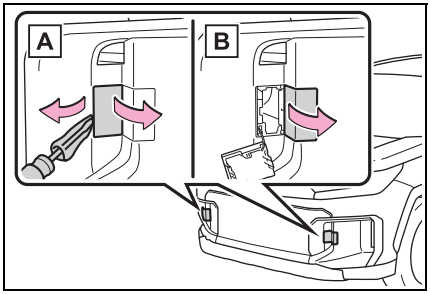
To protect the bodywork, place a rag between the screwdriver and the vehicle body as shown in the illustration.

▶ Type A



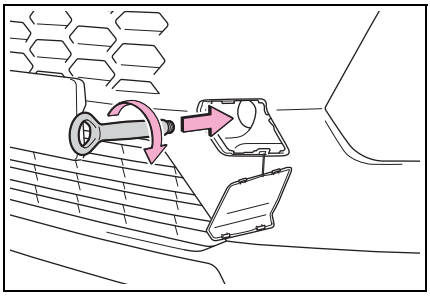
▶ Type B

Remove eyelet cover (A), and then remove eyelet cover (B).

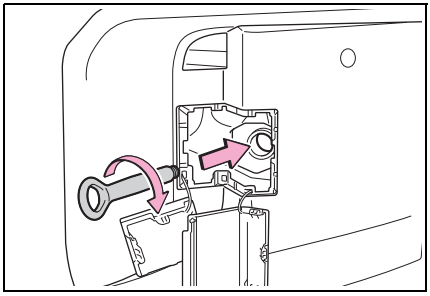



3 Insert the towing eyelet into the hole and tighten partially by hand.

▶ Type A

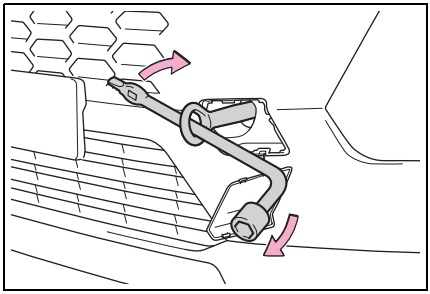


▶ Type B

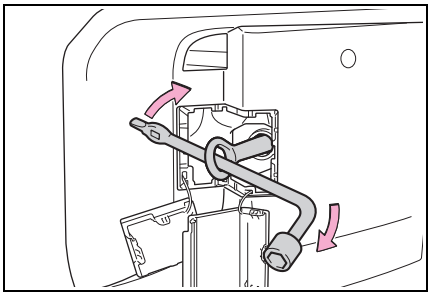


4 Tighten down the towing eyelet securely using a wheel nut wrench or hard metal bar.

▶ Type A



▶ Type B



5 Securely attach cables or chains to the towing eyelet.

Take care not to damage the vehicle body.

6 Enter the vehicle being towed and start the hybrid system.

If the hybrid system does not start, turn the power switch to ON.

7 Shift the shift position to N and release the parking brake.

Turn automatic mode off. (→P.244)

Except for vehicles with electronically controlled type shift lever: When the shift lever cannot be shifted. →P.231

**■ While towing**

If the hybrid system is off, the power assist for the brakes and steering will not function, making steering and braking more difficult.

■ **Wheel nut wrench**

- Vehicles without spare tire: Wheel nut wrench is installed in luggage compartment. (→P.569)
- Vehicles with spare tire: Wheel nut wrench is installed in luggage compartment. (→P.580)
- Vehicles without wheel nut wrench: Wheel nut wrench can be purchased at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

**WARNING**

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

■ **While towing**

- When towing using cables or chains, avoid sudden starts, etc. which place excessive stress on the towing eyelet, cables or chains. The towing eyelet, cables or chains may become damaged, broken debris may hit people, and cause serious damage.
- Vehicles with electronically controlled type shift lever: Do not perform any of the following as doing so may cause the parking lock mechanism to engage, locking the front wheels and possibly leading to an accident resulting in death or serious injury:
  - Unfasten the driver's seat belt and open the driver's door.
  - Turn the power switch off.
- Vehicles with steering lock function: Do not turn the power switch off. There is a possibility that the steering wheel is locked and cannot be operated.

■ **Installing towing eyelet to the vehicle**

Make sure that towing eyelet is installed securely. If not securely installed, towing eyelet 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 Toyota retailer or Toyota authorized repairer, or any reliable repairer as soon as possible.**

### Visible symptoms

- Fluid leaks under the vehicle (Water dripping from the air conditioning after use is normal.)
- Flat-looking tires or uneven tire wear
- Engine coolant temperature gauge needle continually points higher than normal.

### Audible symptoms

- Changes in exhaust sound
- Excessive tire squeal when cornering
- Strange noises related to the suspension system
- Pinging or other noises related to the hybrid system

### Operational symptoms

- Engine missing, stumbling or running roughly
- Appreciable loss of power
- Vehicle pulls heavily to one side when braking
- Vehicle pulls heavily to one side when driving on a level road
- Loss of brake effectiveness, spongy feeling, pedal almost touches the floor

## If a warning light turns on or a warning buzzer sounds

**Calmly perform the following actions if any of the warning lights comes on or flashes. If a light comes on or flashes, but then goes off, this does not necessarily indicate a malfunction in the system. However, if this continues to occur, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.**

### Actions to the warning lights or warning buzzers

■ **Brake system warning light (warning buzzer)**

| Warning light | Details/Actions |
|---|---|
|  (Red) | Indicates that:<br>● The brake fluid level is low; or<br>● The brake system is malfunctioning<br>→ **Immediately stop the vehicle in a safe place and contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. Continuing to drive the vehicle may be dangerous.** |

■ **Brake system warning light (warning buzzer)**

| Warning light | Details/Actions |
|---|---|
|  (Yellow) | Indicates a malfunction in:<br>● The parking brake system;<br>● The regenerative braking system; or<br>● The electronically controlled brake system<br>→ **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.** |

## ■ Charging system warning light*

| Warning light | Details/Actions |
|---|---|
|  | Indicates a malfunction in the vehicle's charging system<br>→ **Immediately stop the vehicle in a safe place and contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.** |

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

## ■ High coolant temperature warning light* (warning buzzer)

| Warning light | Details/Actions |
|---|---|
|  | Indicates that the engine is overheating<br>→ **Immediately stop the vehicle in a safe place. Handling method (→P.596)** |

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

## ■ Hybrid system overheat warning light* (warning buzzer)

| Warning light | Details/Actions |
|---|---|
|  | Indicates that the hybrid system has overheated<br>→ **Stop the vehicle in a safe place. Handling method (→P.596)** |

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

## ■ Low engine oil pressure warning light* (warning buzzer)

| Warning light | Details/Actions |
|---|---|
|  | Indicates that the engine oil pressure is too low<br>→ **Immediately stop the vehicle in a safe place and contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.** |

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

## ■ Malfunction indicator lamp

| Warning light | Details/Actions |
|---|---|
|  | Indicates a malfunction in:<br>● The hybrid system;<br>● The electronic engine control system;<br>● The electronic throttle control system; or<br>● The emission control system (if equipped)<br>→ **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.** |

## ■ SRS warning light

| Warning light | Details/Actions |
|---|---|
|  | Indicates a malfunction in:<br>● The SRS airbag system; or<br>● The seat belt pretensioner system<br>→ **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.** |

## ■ ABS warning light

| Warning light | Details/Actions |
|---|---|
|  | Indicates a malfunction in:<br>● The ABS; or<br>● The brake assist system<br>→ **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.** |

## ■ Electric power steering system warning light (warning buzzer)

| Warning light | Details/Actions |
|---|---|
|  <br>(Red)<br>  <br>(Yellow) | Indicates a malfunction in the EPS (Electric Power Steering) system<br>→ **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.** |

## ■ PCS warning light (warning buzzer)

| Warning light | Details/Actions |
|---|---|
|  | Indicates a malfunction in the PCS (Pre-Collision System).<br>→ **Follow the instructions displayed on the multi-information display.**<br>If the PCS (Pre-Collision System) system is disabled or have limited functionality, the PCS warning light will illuminate. |

## ■ LTA indicator (warning buzzer)

| Warning light | Details/Actions |
|---|---|
|  <br>(Yellow) | Indicates a malfunction in the LTA (Lane Tracing Assist).<br>→ **Follow the instructions displayed on the multi-information display.** |

## ■ LDA indicator (warning buzzer)

| Warning light | Details/Actions |
|---|---|
|  <br>(Yellow) | Indicates a malfunction in the LDA (Lane Departure Alert).<br>→ **Follow the instructions displayed on the multi-information display.** |

## ■ Dynamic radar cruise control indicator (warning buzzer)

| Warning light | Details/Actions |
|---|---|
|  <br>(Yellow) | Indicates a malfunction in the dynamic radar cruise control.<br>→ **Follow the instructions displayed on the multi-information display.** |

## ■ Cruise control indicator (warning buzzer)

| Warning light | Details/Actions |
|---|---|
|  <br>(Yellow) | Indicates a malfunction in the cruise control.<br>→ **Follow the instructions displayed on the multi-information display.** |

## ■ Speed limiter indicator (warning buzzer)

| Warning light | Details/Actions |
|---|---|
|  (Yellow) (if equipped) | Indicates a malfunction in the speed limiter. → **Follow the instructions displayed on the multi-information display.** |

## ■ Dynamic radar cruise control eco run mode indicator (warning buzzer)

| Warning light | Details/Actions |
|---|---|
|  (Yellow) | Indicates a malfunction in the dynamic radar cruise control eco run mode. → **Follow the instructions displayed on the multi-information display.** |

## ■ Driving assist warning light

| Warning light | Details/Actions |
|---|---|
|  | The following systems may be malfunctioning.<br>● Automatic Rear Flashing Hazard Lights*<br>● Secondary Collision Brake (Rear Impacts while Stopped)*<br>Indicates either of the following systems may be malfunctioning.<br>● RCD (Rear Camera Detection)*<br>● BSM (Blind Spot Monitor)<br>● RCTA (Rear Crossing Traffic Alert)<br>● Safe Exit Assist<br>● EDSS (Emergency Driving Stop System)<br>● Driver break suggestion*<br>→ **Follow the instructions displayed on the multi-information display.** |

*: If equipped

## ■ Driver Monitor warning light (warning buzzer)

| Warning light | Details/Actions |
|---|---|
|  (if equipped) | Indicates a malfunction in the driver monitor warning function.<br>→ **Follow the instructions displayed on the multi-information display.** |

## ■ Parking Assist-Sensor OFF indicator

| Warning light | Details/Actions |
|---|---|
|  (If equipped) | Indicates a malfunction in the Parking Assist-Sensor function<br>→ **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.**<br>Indicates that the system is temporarily unavailable, possibly due to a sensor being dirty or covered with ice, etc.<br>→ **Follow the instructions displayed on the multi-information display. (→P.562)** |

## ■ PKSB OFF indicator

| Warning light | Details/Actions |
|---|---|
|  (If equipped) | Indicates a malfunction in the PKSB (Parking Support Brake) system<br>→ **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.**<br>Indicates that the system is temporarily unavailable, possibly due to a sensor being dirty or covered with ice, etc.<br>→ **Follow the instructions displayed on the multi-information display. (→P.562)** |

## ■ Slip indicator light

| Warning light | Details/Actions |
|---|---|
|  | Indicates a malfunction in:<br>● The VSC/Trailer Sway Control system;<br>● The TRC system;<br>● The Trail Mode function (AWD vehicles); or<br>● The hill-start assist control system<br>→ **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.** |

## ■ "AUTO LSD" indicator

| Warning light | Details/Actions |
|---|---|
|  <br>(Flashes)<br>(if equipped) | Indicate that the system is temporarily unavailable, due to the brake system overheats<br>→ **P.430** |

## ■ Inappropriate pedal operation warning light* (warning buzzer)

| Warning light | Details/Actions |
|---|---|
|  | When a buzzer sounds:<br>● Brake Override System is malfunctioning<br>● Drive-Start Control is malfunctioning<br>● Drive-Start Control is operating<br>→ **Follow the instructions displayed on the multi-information display.**<br>When a buzzer does not sound:<br>Brake Override System is operating<br>→ **Release the accelerator pedal and depress the brake pedal.** |

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

## ■ Brake hold operated indicator (warning buzzer)

| Warning light | Details/Actions |
|---|---|
|  <br>(Flashes) | Indicates a malfunction in the brake hold system<br>→ **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.** |

## ■ Parking brake indicator

| Warning light | Details/Actions |
|---|---|
|  (Flashes) | It is possible that the parking brake is not fully engaged or released<br>→ **Operate the parking brake switch once again.**<br>This light comes on when the parking brake is not released. If the light turns off after the parking brake is fully released, the system is operating normally. |

## ■ Tire pressure warning light (warning buzzer)

| Warning light | Details/Actions |
|---|---|
|  | When the light comes on after blinking for approximately 1 minute:<br>Malfunction in the tire pressure warning system<br>→ **Have the system checked by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.**<br>When the light comes on:<br>Low tire inflation pressure from natural causes<br>→ **After the temperature of the tires has lowered sufficiently, check the inflation pressure of each tire and adjust them to the specified level.**<br>When the light comes on:<br>Low tire inflation pressure from flat tire<br>→ **Immediately stop the vehicle in a safe place and perform the necessary actions (→P.560)** |

## ■ Low fuel level warning light

| Warning light | Details/Actions |
|---|---|
|  (Yellow) | Indicates that remaining fuel is approximately 9.5 L (2.5 gal., 2.1 Imp. gal.) or less<br>→ **Refuel the vehicle.** |

## ■ Driver's and front passenger's seat belt reminder light (warning buzzer)*

| Warning light | Details/Actions |
|---|---|
|  | Warns the driver and/or front passenger to fasten their seat belts<br>→ **Fasten the seat belt.**<br>**If the front passenger's seat is occupied, the front passenger's seat belt also needs to be fastened to make the warning light (warning buzzer) turn off.** |

*: Driver's and front passenger's seat belt warning buzzer:
The driver's and front passenger's seat belt warning buzzer sounds to alert the driver and front passenger that his or her seat belt is not fastened. If the seat belt is unfastened, the buzzer sounds intermittently for a certain period of time after the vehicle reaches a certain speed.

## ■ Rear passengers' seat belt reminder lights*1 (warning buzzer)*2, 3

| Warning light | Details/Actions |
|---|---|
|  | Warns the rear passengers to fasten their seat belts<br>→ **Fasten the seat belt.** |

*1: These lights illuminate on the multi-information display.

*2: Rear passengers' seat belt warning buzzer (for vehicles sold in Armenia, Kyrgyzstan and Kazakhstan):
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 seat belt is fastened and unfastened and the vehicle reaches a certain speed.

*3: Rear passengers' seat belt warning buzzer (except for Armenia, Kyrgyzstan and Kazakhstan):
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.

### ■ Warning buzzer

In some cases, the buzzer may not be heard because of noisy place or an 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.

### If the malfunction indicator lamp comes on while driving

The malfunction indicator lamp will come on if the fuel tank becomes completely empty. If the fuel tank is empty, refuel the vehicle immediately. The malfunction indicator lamp will go off after several trips.

If the malfunction indicator lamp does not go off, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer as soon as possible.

### 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.

At this time, the functions of the air conditioning, etc. may be partially limited in order to reduce the power consumption of the 12-volt battery.

### If the tire pressure warning light comes on

Inspect the tires to check if a tire is punctured.

- If a tire is punctured: →P.568, 579
- 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 Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.
  - If the tire pressure warning light comes on

After the temperature of the tires has lowered sufficiently, check the inflation pressure of each tire and adjust them to the specified level.

If the warning light does not turn off even after several minutes have elapsed, check that the inflation pressure of each tire is at the specified level and perform the tire inflation pressure setting procedure. (→P.516)

If the warning light does not turn off even after several minutes have elapsed since performing the tire inflation pressure setting procedure, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer as soon as possible.

### The tire pressure warning light may come on due to natural causes

The tire pressure warning light may come on due to natural causes such as natural air leaks and tire inflation pressure changes caused by temperature. In this case, adjusting the tire inflation pressure will turn off the warning light (after a few minutes).

### When a tire is replaced with a spare tire

The compact spare tire is not equipped with a tire pressure warning valve and transmitter. If a tire goes flat, the tire pressure warning light will not turn off even though the flat tire has been replaced with the spare tire. Replace the spare tire with the repaired tire and adjust the tire inflation pressure. The tire pressure warning light will go off after a few minutes.

**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.

*: Warning lights illuminate in red or yellow and the warning buzzer beeps once or sounds continuously.

**■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, change it with the spare tire and have the flat tire repaired by the nearest authorized Toyota retailer or Toyota 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.

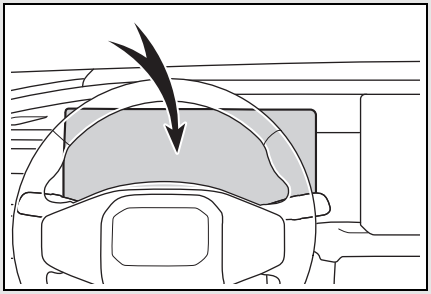
NOTICE

**■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.**



If a warning message is displayed again after the appropriate actions have been performed, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

### ■ Warning messages

The warning messages explained below may differ from the actual messages according to operation conditions and vehicle specifications.

### ■ 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) or the dynamic radar cruise control is operating. If a warning message is shown, be sure to decelerate the vehicle or follow the instruction shown on the multi-information display.
- A warning message is shown when Brake Override System operates. (→P.204)
- A warning message is shown when Drive-Start Control or Parking Support Brake (if equipped) (→P.209, 384) operates. Follow the instructions on the multi-information display.

● If a message about an operation of the power switch is shown

An instruction for operation of the power switch is shown when the incorrect procedure for starting the hybrid system is performed or the power switch is operated incorrectly. Follow the instructions shown on the multi-information display to operate the power switch again.

● If a message about a shift 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 shown 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 a message that indicates the need for visiting any authorized Toyota retailer or Toyota 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 Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

■ **If a message that indicates the need for referring to Owner's Manual is displayed**

● If the following messages are shown, follow the instructions, accordingly.

- "Engine Coolant Temp High" (→P.596)
- "Exhaust Filter Full" (→P.433)

● If the following messages are shown, there may be a malfunction.

Immediately have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

- "Hybrid System Malfunction"
- "Check Engine"
- "Traction battery system malfunction"
- "Accelerator System Malfunction"
- "Smart Entry & Start System Malfunction See Owner's Manual"
- "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"*

*: For vehicles with electronically controlled type shift lever

● If the following messages are shown, there may be a malfunction.

Immediately stop the vehicle in a safe place and contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. Continuing to drive the vehicle may be dangerous.

- "Oil Pressure Low"
- "Braking Power Low"

● If "Maintenance Required for Traction Battery Cooling Parts See Owner's Manual" is shown, the filter may be clogged, the air intake vent may be blocked, or there may be a gap in the duct. Therefore, perform the following correction procedure.

- Cleaning the hybrid battery (traction battery) air intake vents (→P.526)

If the warning message is shown even if the vents are cleaned, have the vehicle inspected at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **If "Shift System Malfunction Shifting Unavailable Drive to a Safe Place and Stop" or "Shift System Malfunction Driving Unavailable" is displayed (for vehicles with electronically controlled type shift lever)**

There is a malfunction in the shift control system. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

■ **If a message that indicates the need for the shift lever operation is displayed (vehicles with electronically controlled type shift lever)**

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 "Rear Seat Reminder Unavailable See Owner's Manual" is shown (Except for Kyrgyzstan, Kazakhstan, Ukraine, Azerbaijan and Georgia)**

Indicates the sensors may not be operating properly. (→P.139)

When problems are solved and the sensors are operational, this indication may disappear by itself.

■ **If "Hybrid System Overheated Output Power Reduced" is shown**

The message may be shown when driving under severe operating conditions. (For example, when driving up a long steep hill or driving up a steep hill in reverse.)

Coping method: →P.596

■ **If "Traction Battery Needs to be Protected Refrain from the Use of N Position" is shown**

This message may be displayed when the shift position is in N.

As the hybrid battery (traction battery) cannot be charged when the shift position is in N, shift the shift position to P when the vehicle is stopped.

■ **If "Traction Battery Needs to be Protected Shift into P to Restart" is shown**

This message is displayed when the hybrid battery (traction battery) charge has become extremely low because the shift position has been left in N for a certain amount of time.

When operating the vehicle, shift to P and restart the hybrid system.

■ **If "Shift to P when Parked" is shown**

Message is displayed when the driver's door is opened without turning the power switch to OFF with the shift in any position other than P.

Shift the shift position to P.

■ **If "Shift is in N Release Accelerator Before Shifting" is shown**

Message is displayed when the accelerator pedal has been depressed and 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 Hybrid system may overheat" is shown**

Message is displayed when the accelerator pedal is depressed to maintain the vehicle position when stopped on a upward slope, etc.

If this continues, the hybrid system may overheat.

Release the accelerator pedal and depress the brake pedal.

■ **If "Low Battery Turn Power OFF" is shown**

- When ACC Customization is OFF, turn the power switch OFF.
- When ACC Customization is ON, turn the multimedia system OFF.

■ **If "Auto Power OFF to Conserve Battery" is shown**

Power was turned off due to the automatic power off function.

Next time when starting the hybrid system, operate the hybrid system for approximately 5 minutes to recharge the 12-volt battery.

■ **If "Engine Oil Level Low Add or Replace" is displayed**

The engine oil level may be low. Check the level of the engine oil, and add engine oil if necessary. (→P.504) This message may be displayed if the vehicle is stopped on a slope. Move the vehicle to a level surface and check if the message disappears.

■ **If "Vehicle Exit Assist Deactivated Be Careful When Exiting Vehicle" is shown**

The safe exit assist function may temporarily stop.

Be careful of approaching vehicles when exiting the vehicle.

### If "Vehicle Exit Assist Deactivated" is shown

After the power switch is turned off, a message may be displayed when the safe exit assist operation conditions are no longer met.

Correction procedure: →P.364

### If a message regarding the driving support system is displayed

The icon that indicates the system disabled or a malfunction appears with a message.

- PCS (Pre-Collision System)
- LDA (Lane Departure Alert)
- LTA (Lane Tracing Assist)
- LCA (Lane Change Assist)*
- AHB (Automatic High Beam)
- AHS (Adaptive High-beam System)*
- Dynamic radar cruise control
- Cruise control
- Dynamic radar cruise control eco run mode
- Speed limiter*
- RSA (Road Sign Assist)
- PDA (Proactive Driving Assist)*
- FCTA (Front Crossing Traffic Alert)*
- Emergency Driving Stop System
- Driver break suggestion*
- BSM (Blind Spot Monitor)
- RCTA (Rear Crossing Traffic Alert)
- Automatic Rear Flashing Hazard Lights
- Safe Exit Assist
- Parking Assist-Sensor*
- PKSB (Parking Support Brake)*
- RCD (Rear Camera Detection)*
- Driver Monitor*

*: If equipped

### If "System Malfunction Visit Your Dealer" is displayed

The system associated with the displayed icon has stopped.

Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

### If "System Stopped See Owner's Manual" is displayed

The system associated with the displayed icon has stopped.

Follow the following correction methods.

- Check the voltage of the 12-volt battery
- Check the sensors that the Toyota Safety Sense uses for foreign matter covering them. Remove them if any. (→P.276)
- Indicates the sensors may not be operating properly. (→P.352, 364, 378, 383)
- Check the rear bumper around the sensors used by the BSM, RCTA, Automatic Rear Flashing Hazard Lights, or Safe Exit Assist for foreign matter covering them. Remove them if any. (→P.349)
- Check the situations in which the sensors may not operate properly, and improve the situation if applicable. (→P.352, 364, 378, 383)

- Check the sensors including camera sensors for foreign matter covering them. Remove them if any. (→P.276) When problems are solved and the sensors are operational, this indication may disappear by itself.

**■ If "System Stopped Front Camera Low Visibility See Owner's Manual" is displayed**

Follow the following correction methods.

- Using the windshield wipers, remove the dirt or foreign matter from the windshield.
- Using the air conditioning system, defog the windshield.
- Close the hood, remove any stickers, etc. to clear the obstruction in front of the front camera.

**■ If "System Stopped Front Camera Out of Temperature Range Wait until Normal Temperature" is displayed**

Follow the following correction methods.

- If the front camera is hot, such as after the vehicle is parked in the sun, use the air conditioning system to decrease the temperature around the front camera.
- If a sunshade was used when the vehicle was parked, depending on its type, the sunlight reflected from the surface of the sunshade may cause the temperature of the front camera to become excessively high.
- If the front camera is cold, such after the vehicle is parked in an extremely cold environment, use the air conditioning system to increase the temperature around the front camera.

**■ If "System Stopped Front Radar Sensor Blocked Clean Radar Sensor" is displayed**

Follow the following correction methods.

- Check if there is any foreign matter attached to the radar sensor or radar sensor cover and clean them if necessary (→P.276)
- This message may be displayed when driving in an open area with few nearby vehicles or structures, such as a desert, grasslands, suburbs, etc. The message may be cleared by driving the vehicle in an area with structures, vehicles, etc. nearby.

**■ If "System Stopped Front Radar Sensor Out of Temperature Range Wait until Normal Temperature" is displayed**

The temperature of the radar sensor is outside of the operating range. Wait for the temperature to become appropriate.

**■ If "System Stopped Front Radar In Self Calibration See Owner's Manual" is displayed**

Follow the following correction methods.

- Check if there is any foreign matter attached to the radar sensor or radar sensor cover and clean them if necessary (→P.276)
- The radar sensor may be misaligned and will be adjusted automatically while driving. Continue driving for a while.

**■ If "Parking Assist Unavailable Low Visibility See Owner's Manual" is displayed (if equipped)**

Remove any dirt or foreign matter from the rear camera or side cameras.

Even after the dirt is removed, it will take a certain time for restart system.

**■ If "System Stopped Due to Battery Disconnection Continue Driving to Complete Self Calibration" is displayed**

The steering angle neutral point may be initialized and will be automatically adjusted while driving. Please continue driving for a while.

**■ If "System Stopped Driver Monitor Out of Temperature Range Wait until Normal Temperature" is displayed*** 

The temperature of the driver monitor camera is outside of the operating

range. Wait for the temperature to become appropriate.

*: If equipped

### ■ If "System Stopped Driver Monitor Camera Blocked See Owner's Manual" is displayed*

The lens of the driver monitor camera may be dirty.

When there is dirt on the camera lens, clean it with a dry, soft cloth so as to not damage it.

*: If equipped

### ■ If "Unavailable Activation Condition not Satisfied See Owner's Manual" is displayed (if equipped)

The LCA function cannot be used as the operating conditions have not been met. (→P.302)

Operate the turn signal lever again after the following operating conditions are met.

- The system detects a broken white line on the side which the lane change is to be performed.
- The system has detected a moving object behind the vehicle at least once since the engine was started.

### ■ If "Parking Assist Unavailable Sensor Blocked" is displayed (if equipped)

Follow the following correction methods.

A sensor may be covered with water drops, ice, snow, dirt, etc. Remove the water drops, 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 a sensor is dirty, the position of the dirty sensor will be shown on the display.

If an abnormality is displayed even though there are no water drops, ice, snow or dirt, the sensor may be operating abnormally. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

### ■ Warning buzzer

→P.559

**WARNING**

**■ If a warning light comes on or a warning buzzer sounds when a warning message is shown on the multi-information display**

→P.561

NOTICE

**■ "High Power Consumption Partial Limit On AC/Heater Operation" is frequently shown**

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

**■ If "Maintenance Required For Traction Battery At Your Dealer" is shown**

The hybrid battery (traction battery) is scheduled to be inspected or replaced. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

- Continuing to drive the vehicle without having the hybrid battery (traction battery) inspected will cause the hybrid system not to start.
- If the hybrid system does not start, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

## If you have a flat tire (vehicles without spare 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. (→P.569)**
**After temporarily repairing the tire with the kit, have the tire repaired or replaced by any authorized Toyota retailer or Toyota 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.

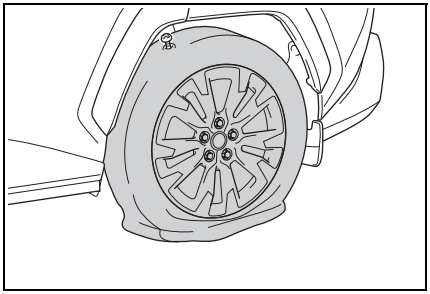
Driving with a flat tire may cause a circumferential groove on the side wall. In such a case, the tire may explode when using a repair kit.

### 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 hybrid system.
- Turn on the emergency flashers. (→P.542)
- For vehicles with power back door: Turn off the power back door system. (→P.159)
- 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 prevent emergency repair with the repair kit.
- To avoid sealant leakage, move the vehicle until the area of the puncture, if known, is positioned at the top of the tire.

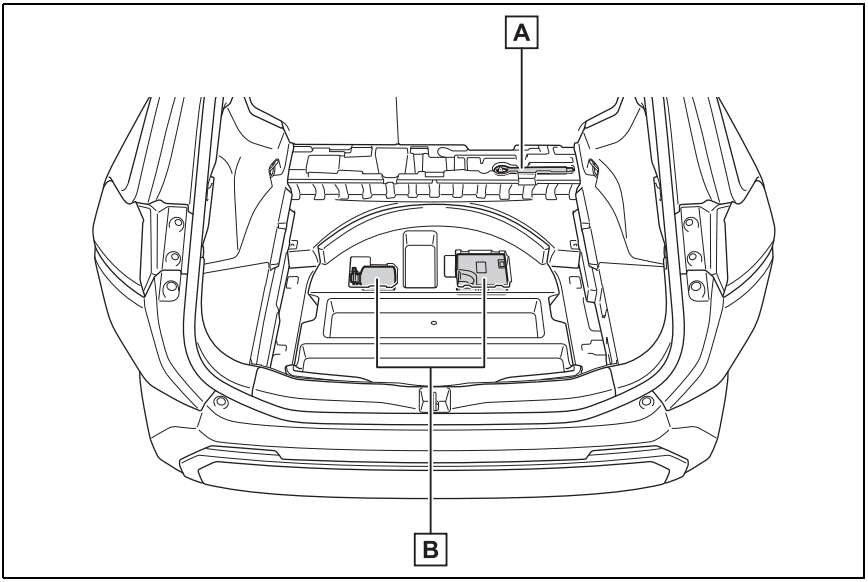


### A flat tire that cannot be repaired with the emergency tire puncture repair kit

In the following cases, the tire cannot be repaired with the emergency tire puncture repair kit. Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

- When the tire is damaged due to driving without sufficient air pressure
- When the tire lost air pressure due to a crack or damage in the tire sidewall
- 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 there is more than one hole or cut in the damaged tire
- When the sealant has expired

## Location of the emergency tire puncture repair kit, jack and tools

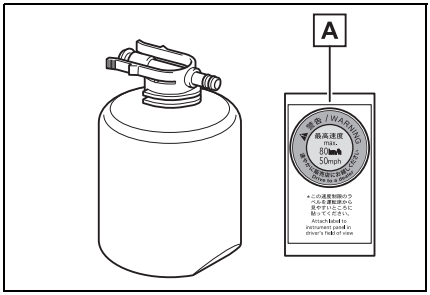



A Towing eyelet

B Emergency tire puncture repair kit

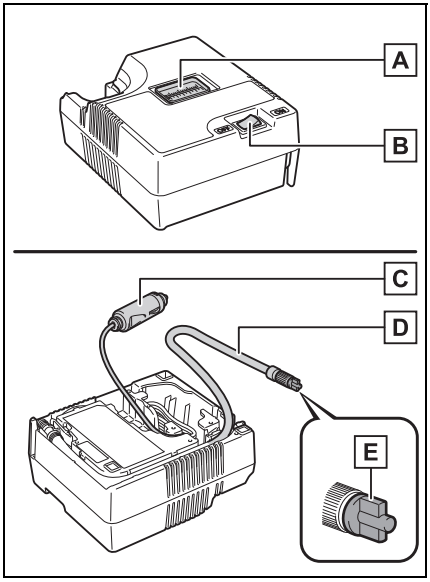
## Emergency tire puncture repair kit components

### ■ Bottle




A Sticker

### ■ Compressor




A Air pressure gauge

B Compressor switch

C Power plug

D Hose

E Air release cap

### ■ 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.

### ■ Emergency tire puncture repair kit

- The emergency tire puncture repair kit is for filling the car tire with air.
- 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 Toyota retailer or Toyota authorized repairer, or any reliable repairer for replacement.
- 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 Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- The compressor can be used repeatedly.
- The sealant can be used when the outside temperature is from -40°C (-40°F) to 60°C (140°F).
- The kit is exclusively designed for size and type of tires originally installed on your vehicle. Do not use it for tires that a different size than the original ones, or for any other purposes.
- If the sealant gets on your clothes, it may stain.
- If the sealant adheres to a wheel or the surface of the vehicle body, the stain may not be removable if it is not cleaned at once. Immediately wipe away the sealant with a wet cloth.
- During operation of the repair kit, a loud operation noise is produced. This

does not indicate a malfunction.

- Do not use to check or to adjust the tire pressure.

**WARNING**

**■ Do not drive the vehicle with 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.

Driving with a flat tire may cause a circumferential groove on the side wall. In such a case, the tire may explode when using a repair kit.

**■ Caution while driving**

- Store the repair kit in the luggage compartment.
  Injuries may result in the event of an accident or sudden braking.
- The repair kit is exclusively only for your vehicle.
  Do not use repair kit on other vehicles, which could lead to an accident causing death or serious injury.
- Do not use repair kit for tires that are different size than the original ones, or for any other purpose. If the tires have not been completely repaired, it could lead to an accident causing death or serious injury.

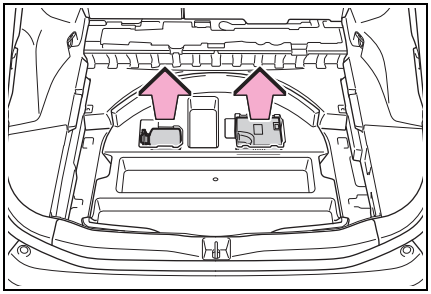
**■ Precautions for use of the sealant**

- Ingesting the sealant is hazardous to your health. If you ingest sealant, consume as much water as possible, and 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 Open the deck board. (→P.470).

2 Take out the emergency tire puncture repair kit.

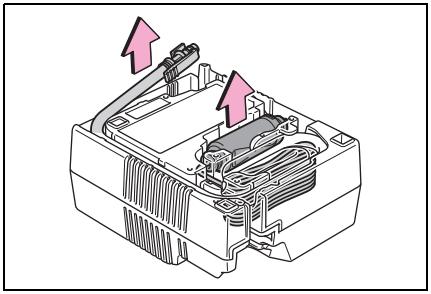


## Emergency repair method

1 Take out the repair kit from the plastic bag.

Attach the sticker enclosed with the bottle on the specified locations. (See step **10**.)

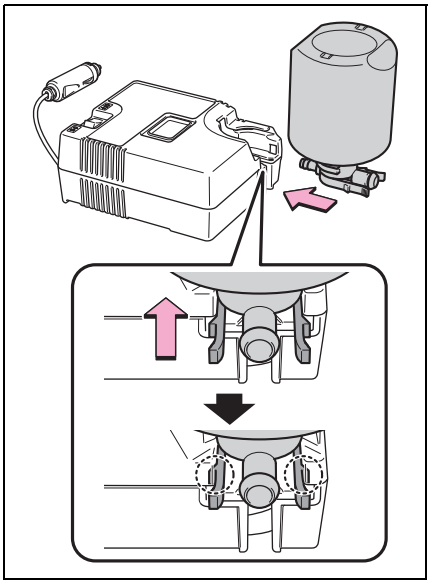
2 Pull out the hose and power plug from the bottom side of the compressor.



3 Connect the bottle to the compressor.

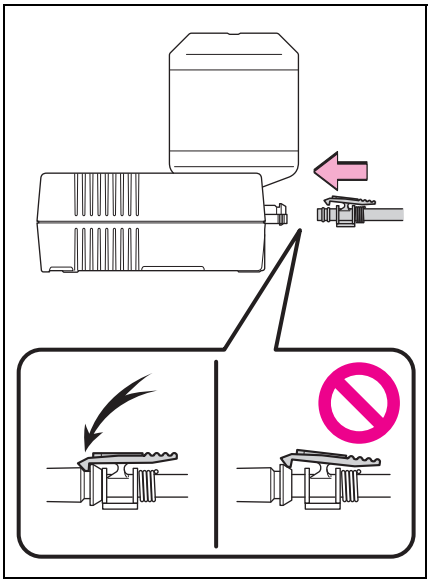
Make sure to press the bottle until its claws are securely engaged to the

compressor and no longer visible.

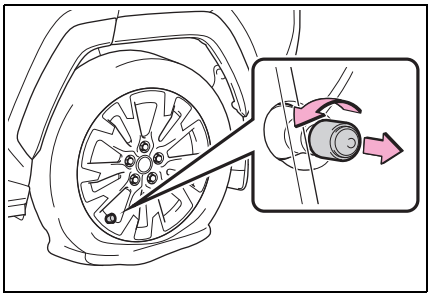


**4** Connect the hose to the bottle.

Make sure to insert the hose until its claw is securely engaged to the bottle.

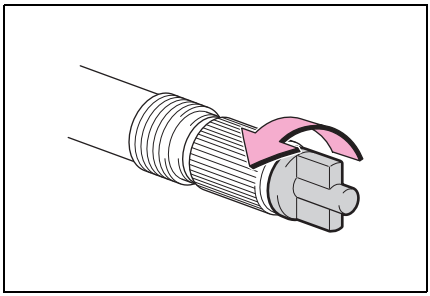


**5** Remove the valve cap from the valve of the punctured tire.



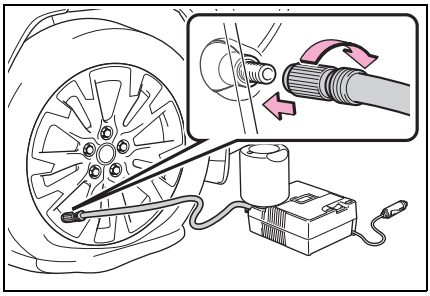
**6** Extend the hose. Remove the air release cap from the hose.

You will use the air release cap again. Therefore keep it in a safe place.

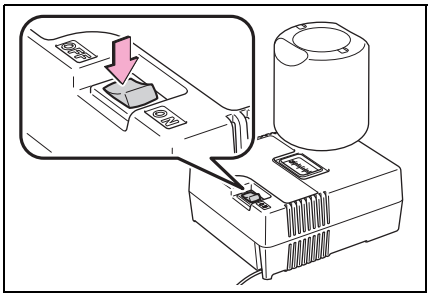


**7** Connect the hose to the valve.

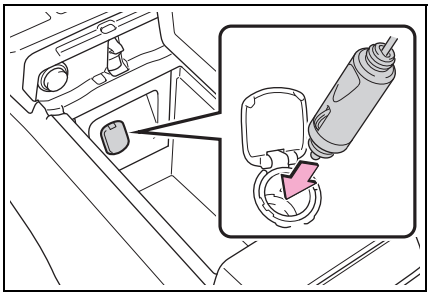
Screw the end of the hose clockwise as far as possible.



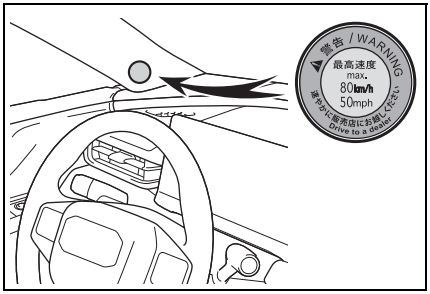
8 Make sure that the compressor switch is off.



9 Connect the power plug to the power outlet socket. (→P.475)

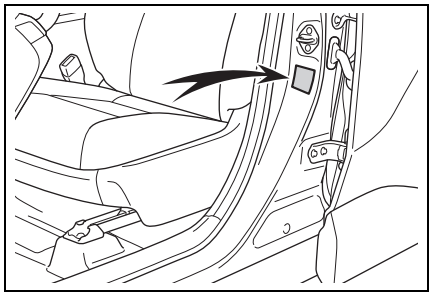


10 Attach the sticker provided with the tire puncture repair kit to a position easily seen from the driver's seat.



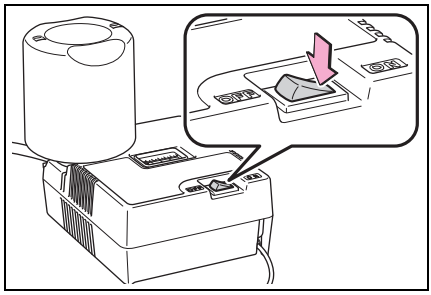

11 Check the specified tire inflation pressure.

Tire inflation pressure is specified on the label on the driver's side pillar as shown. (→P.611)

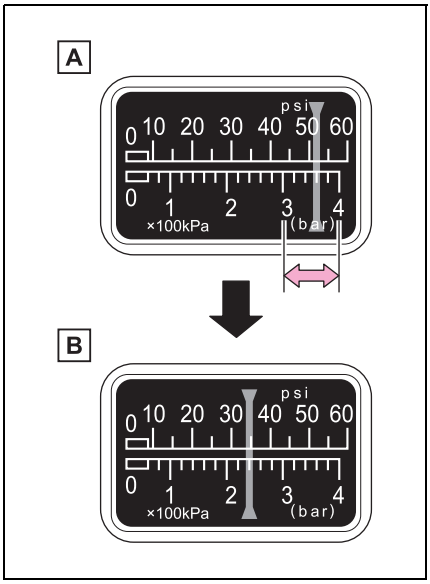


12 Start the hybrid system. (→P.222)

13 To inject the sealant and inflate the tire, turn the compressor switch on.



14 Inflate the tire until the specified air pressure is reached.




A The sealant will be injected and the pressure will spike to between 300 kPa (3.0 kgf/cm$^2$ or bar, 44 psi) and 400 kPa (4.0 kgf/cm$^2$ or bar, 58 psi), then gradually decrease.

B The air pressure gauge will display the actual tire inflation pressure about 1 to 5 minutes after the switch is turned on.

Turn the compressor switch off and then check the tire inflation pressure. Being careful not to over inflate, check and repeat the inflation procedure until the specified tire inflation pressure is reached.

The tire can be inflated for about 5 to 20 minutes (depending on the outside temperature). If the tire inflation pressure is still lower than the specified point after inflation for 25 minutes, the tire is too damaged to be repaired. Turn the compressor switch off and contact any authorized Toyota retailer or Toyota 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.576, 611)

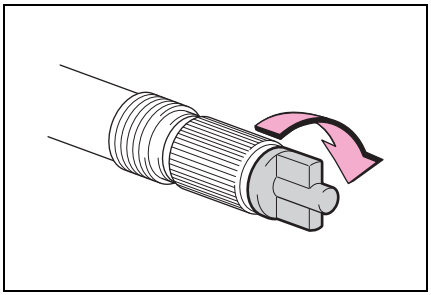
15 With the compressor switch off, disconnect the hose from the valve on the tire and then pull out the power plug from the power outlet socket.

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.



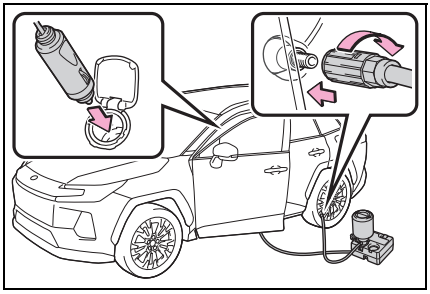
18 Temporarily store the bottle in the luggage compartment while it is connected to the compressor.

19 To spread the liquid sealant evenly within the tire, immedi-

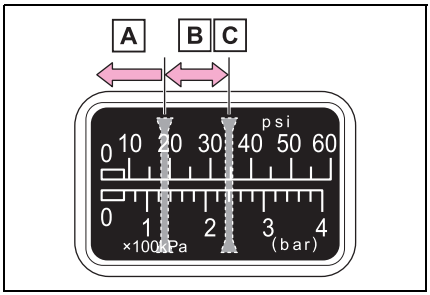
ately drive safely for about 5 km (3 miles) below 80 km/h (50 mph).

**20** After driving, stop your vehicle in a safe place on a hard, flat surface and reconnect the repair kit.

Remove the air release cap from the hose before reconnecting the hose.



**21** Turn the compressor switch on and wait for several seconds, then turn it off. Check the tire inflation pressure.




**A** If the tire inflation pressure is under 130 kPa (1.3 kgf/cm$^2$ or bar, 19 psi): The puncture cannot be repaired. Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

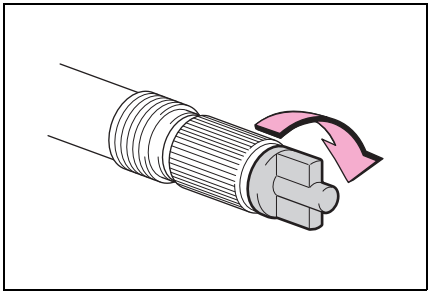
**B** If the tire inflation pressure is 130 kPa (1.3 kgf/cm$^2$ or bar, 19 psi) or higher, but less than the specified air pressure: Proceed to step **22**.

**C** If the tire inflation pressure is the specified air pressure (→P.611): 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 Toyota retailer or Toyota authorized repairer, or reliable repairer that is less than 100 km

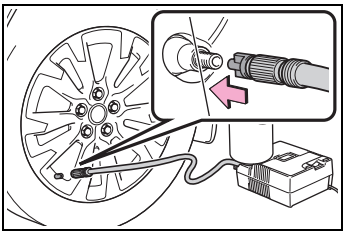
(62 miles) away for tire repair or replacement.

For repair and replacement of a tire or disposal of the tire puncture repair kit, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

When having the tire repaired or replaced, make sure to tell the authorized Toyota retailer or Toyota authorized repairer, or 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 tire 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, and then turn it off. Check that the air pressure indicator shows the specified air pressure.

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.
- Connect the valve and hose securely with the tire installed on the vehicle. If the hose is not properly connected to the valve, air leakage may occur as sealant may be sprayed out.
- If the hose comes off the valve while inflating the tire, there is a risk that the hose will move abruptly due to air pressure.
- After inflation of the tire has completed, the sealant may splatter when the hose is disconnected or some air is let out of the tire.
- Follow the operation procedure to repair the tire. If the procedures not followed, the sealant may spray out.
- Keep back from the tire while it is being repaired, as there is a chance of it bursting while the repair operation is being performed. If you notice any cracks or deformation of the tire, turn off the compressor switch and stop the repair operation immediately.
- The repair kit may overheat if operated for a long period of time. Do not operate the repair kit continuously for more than 40 minutes.

**WARNING**

- Parts of the repair kit become hot during operation. Be careful handling the repair kit during and after operation. Do not touch the metal part connecting the bottle and the compressor. It will be extremely hot.
- Do not attach the vehicle speed warning sticker to an area other than the one indicated. If the sticker is attached to an area where an SRS airbag is located, such as the pad of the steering wheel, it may prevent the SRS airbag from operating properly.

**■ Driving to spread the liquid sealant evenly**

Observe the following precautions to reduce the risk of accidents.

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

- Drive the vehicle carefully at a low speed. Be especially careful when turning and cornering.
- If the vehicle does not drive straight or you feel a pull through the steering wheel, stop the vehicle and check the following.
  - Tire condition. The tire may have separated from the wheel.
  - Tire inflation pressure. If the tire inflation pressure is 130 kPa (1.3 kgf/cm$^2$ or bar, 19 psi) or less, the tire may be severely damaged.

NOTICE

**■ When performing an emergency repair**

- A tire should only be repaired with the emergency tire puncture repair kit if the damage is caused by a sharp object such as nail or screw passing through the tire tread. Do not remove the sharp object from the tire. Removing the object may widen the opening and disenable emergency repair with the repair kit.
- 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 to stand the kit with the bottle vertical. The kit cannot work properly if it is laid on its side.

**■ Precautions for the emergency tire puncture repair kit**

- The repair kit power source should be 12 V DC suitable for vehicle use. Do not connect the repair kit to any other source.
- If fuel splatters on the repair kit, the repair kit may deteriorate. Take care not to allow fuel to contact it.
- Place the repair kit in a storage to prevent it from being exposed to dirt or water.
- Store the repair kit in the luggage compartment out of reach of children.
- Do not disassemble or modify the repair kit. Do not subject parts such as the air pressure indicator to impacts. This may cause a malfunction.

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 Toyota retailer or Toyota 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.513)

## If you have a flat tire (vehicles with spare tire)

**Your vehicle is equipped with a spare tire. The flat tire can be replaced with the spare tire.**
**For details about tires: →P.511**

**WARNING**

**■ If you have a flat tire**

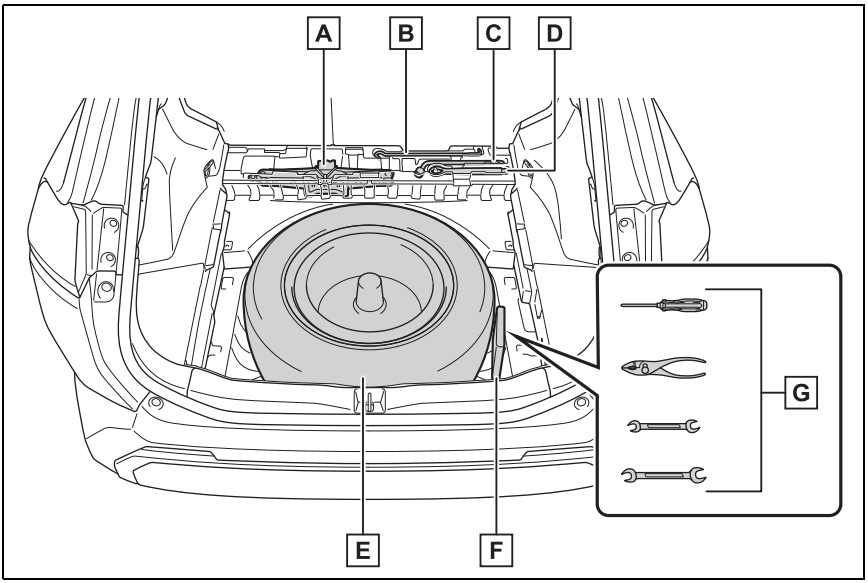
Do not continue driving with a flat tire.

Driving even a short distance with a flat tire can damage the tire and the wheel beyond repair, which could result in an accident.

### Before jacking up the vehicle

- Stop the vehicle in a safe place on a hard, flat surface.
- Set the parking brake.
- Shift the shift position to P.
- Turn off the intrusion sensor and tilt sensor (if equipped) (→P.95)
- Stop the hybrid system.
- Turn on the emergency flashers. (→P.542)
- For vehicles with power back door: Turn off the power back door system. (→P.159)

## Location of the spare tire, jack and tools




A Jack

B Jack handle

C Wheel nut wrench

D Towing eyelet

E Spare tire

F Tool bag (if equipped)

G Screw driver, pliers and wrenches (if equipped)

**WARNING**

**■ Using the tire jack**

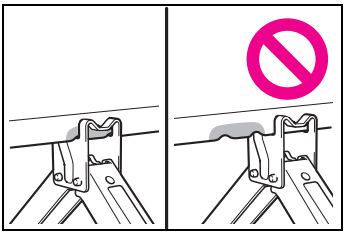
Observe the following precautions.

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.
- The equipped jack can only be used with your vehicle. Do not use it with other vehicles.
- And do not use jacks from other vehicles with your vehicle.

**WARNING**

- Put the jack properly in its jack point.

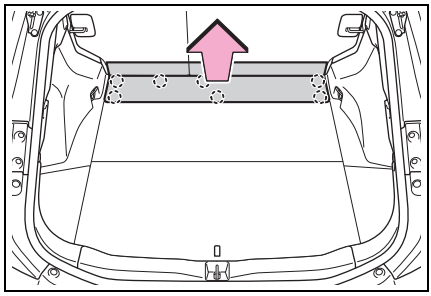


- Do not put any part of your body under the vehicle while it is supported by the jack.
- Do not start the hybrid system or drive the vehicle while the vehicle is supported by the jack.
- Do not raise the vehicle while someone is inside.
- When raising the vehicle, do not put an object on or under the jack.
- 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.
- Stop the vehicle on firm, flat and level ground, firmly set the parking brake and shift the shift position to P. Block the wheel diagonally opposite to the one being changed if necessary.
- When lowering the vehicle, make sure that there is no-one near the vehicle. If there are people nearby, warn them vocally before lowering.

## Taking out the jack and tools

1 Take out the board.

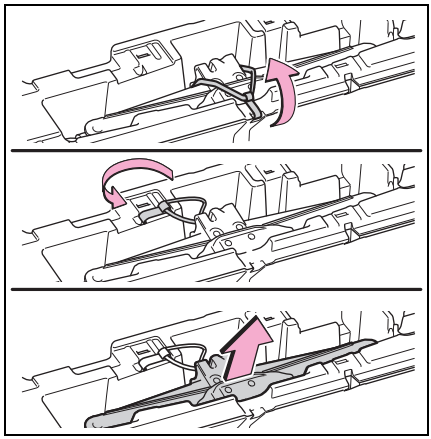
Disengage the 7 claws and pull the board to remove it.



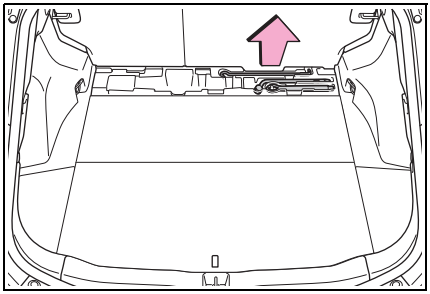
2 Unhook the tightening strap and take out the jack from the deck under tray.

After taking out the jack, hold the rubber band in place by attaching it temporarily to the hole shown in the illustration.

To store the jack, rotate the jack and tighten until it no longer moves. Insert it into the deck under tray and then secure it in place with a rubber band.



3 Take out the tools.

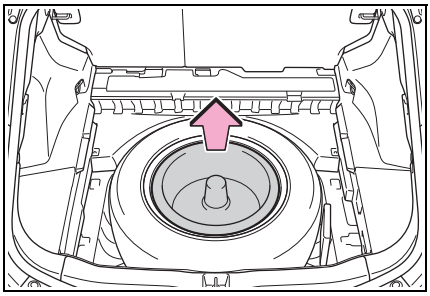


## Taking out the spare tire

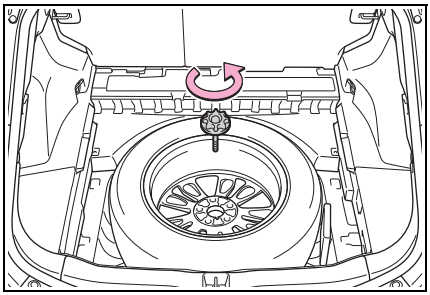
1 Vehicles without full-size spare tire: Open the deck board. (→P.470)

Vehicles with full-size spare tire: Take out the deck board.

2 Vehicles with under tray: Take out the under tray.



3 Loosen the center fastener that secures the spare tire.



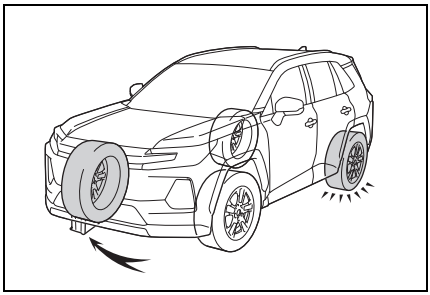
**WARNING**

**■When storing the spare tire**

Be careful not to catch fingers or other body parts between the spare tire and the body of the vehicle.

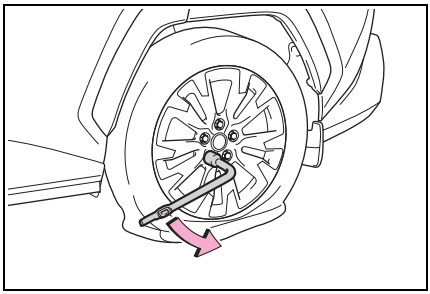
## Replacing a flat tire

1 Chock the tires.



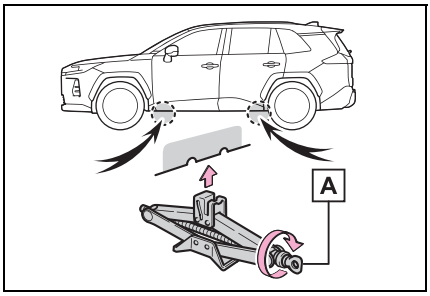
| Flat tire | Wheel chock positions |
|---|---|
| Front left-hand side | Behind the rear right-hand side tire |
| Front right-hand side | Behind the rear left-hand side tire |
| Rear left-hand side | In front of the front right-hand side tire |
| Rear right-hand side | In front of the front left-hand side tire |

2 Slightly loosen the wheel nuts (one turn).

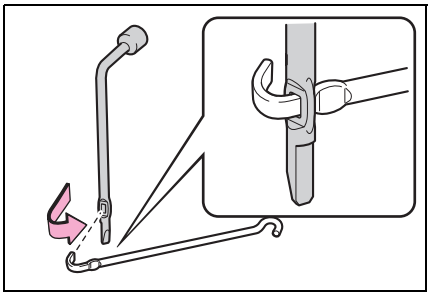


3 Turn the tire jack portion A by hand until the notch of the jack is in contact with the jack point.

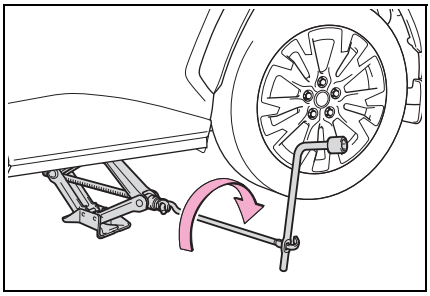
The jack point guides are located under the rocker panel. They indicate the jack point positions.




4 Assemble the jack handle and the wheel nut wrench as shown in the illustration.

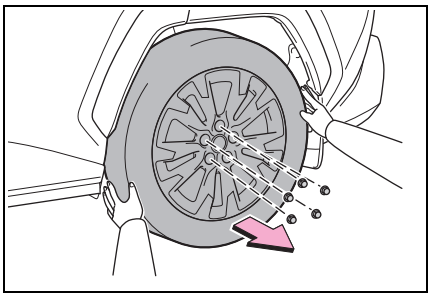


5 Raise the vehicle until the tire is slightly raised off the ground.



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.

- After replacing a tire, check the tightening torque as soon as possible.
  Wheel nut torque: 103 N•m (10.5 kgf•m, 76 ft•lbf)
- When installing a tire, only use wheel nuts that have been specifically designed for that wheel.
- If there are any cracks or deformations in the bolt screws, nut threads or bolt holes of the wheel, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

**WARNING**

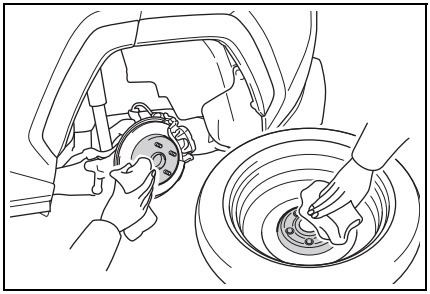
- When installing the wheel nuts, be sure to install them with the tapered ends facing inward.

- For vehicles with power back door: In cases such as when replacing tires, make sure to turn off the power back door system (→P.159). Failure to do so may cause the back door to operate unintentionally if the power back door switch is accidentally touched, resulting in hands and fingers being caught and injured.

## Installing the spare tire

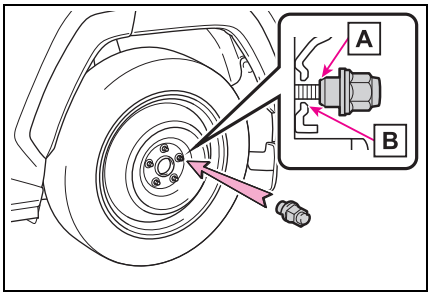
1 Remove any dirt or foreign matter from the wheel contact surface.

If foreign matter is on the wheel contact surface, the wheel nuts may loosen while the vehicle is in motion, causing the tire to come off.

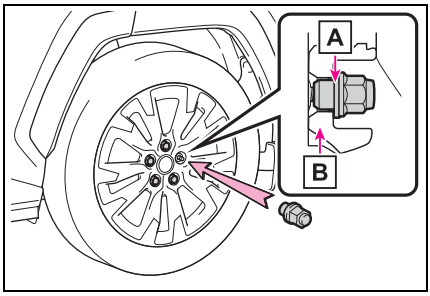


2 Install the spare tire and loosely tighten each wheel nut by hand by approximately the same amount.

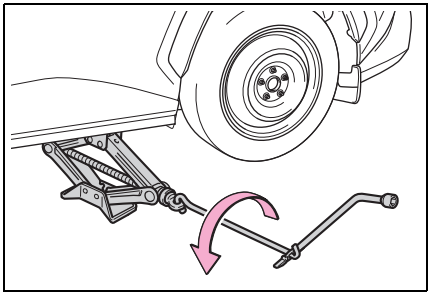
When replacing an aluminum wheel with a steel wheel, tighten the wheel nuts until the tapered portion A comes into loose contact with the disc wheel seat B .




When replacing an aluminum wheel with an aluminum wheel, turn the wheel nuts until the washers A come into contact with the disc wheel B .



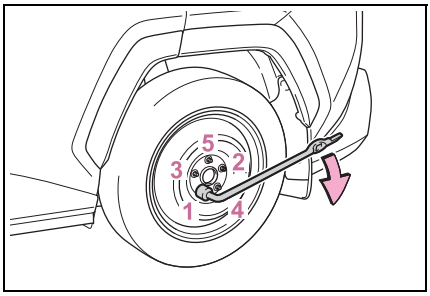

3 Lower the vehicle.



4 Securely tighten the wheel nuts two or three times in the order shown in the illustration using a wheel nut wrench.

Tightening torque:

103 N•m (10.5 kgf•m, 76 ft•lbf)




5 Stow the flat tire, tire jack and all tools.

### ■ The compact spare tire (if equipped)

- The compact spare tire is identified by the label “TEMPORARY USE ONLY” on the tire sidewall.
  Use the compact spare tire temporarily, and only in an emergency.
- Make sure to check the tire inflation pressure of the compact spare tire. (→P.611)

### ■ When using the compact spare tire (if equipped)

As the compact spare tire is not equipped with a tire pressure warning valve and transmitter, low inflation pressure of the spare tire will not be indicated by the tire pressure warning system. Also, if you replace the compact spare tire after the tire pressure warning light comes on, the light remains on.

### ■ When the compact spare tire (if equipped) is attached

The vehicle height may become lower when driving with the compact spare tire compared to when driving with standard tires.

### ■ If you have a flat front tire on a road covered with snow or ice (vehicles with compact spare tire) (only vehicles that can be fitted with chains: →P.443)

Install the compact spare tire on one of the rear wheels of the vehicle. Perform the following steps and fit tire chains to the front tires:

1 Replace a rear tire with the compact spare tire.
2 Replace the flat front tire with the tire removed from the rear of the vehicle.
3 Fit tire chains to the front tires.

**WARNING**

### ■ When using the compact spare tire (if equipped)

- Remember that the compact spare tire provided is specifically designed for use with your vehicle. Do not use your compact spare tire on another vehicle.
- Do not use more than one compact spare tire simultaneously.
- Replace the compact spare tire with a standard tire as soon as possible.
- Avoid sudden acceleration, abrupt steering, sudden braking and shifting operations that cause sudden engine braking.

### ■ When the compact spare tire (if equipped) is attached

The vehicle speed may not be correctly detected, and the following systems may not operate correctly:

- ABS
- VSC/Trailer Sway Control
- TRC
- PCS (Pre-Collision System)
- PKSB
- Advanced Park (if equipped)
- Navigation system

**WARNING**

**■ Speed limit when using the compact spare tire (if equipped)**

Do not drive at speeds in excess of 80 km/h (50 mph) when a compact spare tire is installed on the vehicle.

The compact spare tire is not designed for driving at high speeds. Failure to observe this precaution may lead to an accident causing death or serious injury.

**■ After using the tools and jack**

Before driving, make sure all the tools and jack are securely in place in their storage location to reduce the possibility of personal injury during a collision or sudden braking.

NOTICE

**■ Be careful when driving over bumps with the compact spare tire installed on the vehicle (if equipped)**

The vehicle height may become lower when driving with the compact spare tire compared to when driving with standard tires. Be careful when driving over uneven road surfaces.

**■ Driving with tire chains and the compact spare tire (if equipped)**

Do not fit tire chains to the compact spare tire.

Tire chains may damage the vehicle body and adversely affect driving performance.

**■ When replacing the tires**

When removing or fitting the wheels, tires or the tire pressure warning valve and transmitter, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer as the tire pressure warning valve and transmitter may be damaged if not handled correctly.

## If the hybrid system will not start

**Reasons for the hybrid system not starting vary depending on the situation. Check the following and perform the appropriate procedure:**

### The hybrid system will not start even though the correct starting procedure is being followed (→P.222)

One of the following may be the cause of the problem:

- The electronic key may not be functioning properly. (→P.589)
- There may not be sufficient fuel in the vehicle's tank.
  Refuel the vehicle. (→P.269)
- There may be a malfunction in the immobilizer system. (→P.92)
- There may be a malfunction in the steering lock system. (if equipped) (→P.223)
- Vehicles with electronically controlled type shift lever: There may be a malfunction in the shift control system.* (→P.225)
- There may be a malfunction in the steering lock system (if equipped).
- The hybrid system may be malfunctioning due to an electrical problem such as electronic key battery depletion or a blown fuse.

However, depending on the type of malfunction, an interim measure is available to start the hybrid system. (→P.587)

- There is a possibility that the temperature of the hybrid battery (traction battery) is extremely low (approximately below -30°C [-22°F]). (→P.88, 223)

*: 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.591)
- The 12-volt battery terminal connections may be loose or corroded. (→P.509)

## The interior lights and headlights do not turn on, or the horn does not sound

One of the following may be the cause of the problem:

- The 12-volt battery may be discharged. (→P.591)
- One or both of the 12-volt battery terminals may be disconnected. (→P.509)

Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer if the problem cannot be repaired, or if repair procedures are unknown.

## Starting the hybrid system in an emergency

When the hybrid system does not start, the following steps can be used as an interim measure to start the hybrid system if the power switch is functioning normally.
Do not use this starting procedure except in cases of emergency.

1. Pull the parking brake switch to check that the parking brake is set. (→P.243)

Parking brake indicator will come on.

2. Vehicles with straight type shift lever: Shift the shift lever to P.
3. Turn the power switch to ACC*1, 2.
4. Press and hold the power switch for about 15 seconds while depressing the brake pedal firmly.

Even if the hybrid system can be started using the above steps, the system may be malfunctioning. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

*1: ACC mode can be enabled/disabled on the customize menu. (→P.615)

*2: When ACC is disabled, turn the power switch to ON then OFF, and perform the following step within 5

seconds.

## If you lose your keys

**New genuine keys can be made by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer using the other 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 Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately with all remaining electronic keys that were provided with your vehicle.

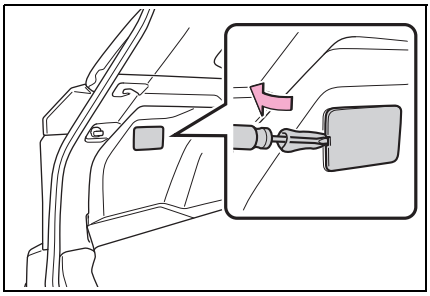
## If the fuel filler door cannot be opened

**If the fuel filler door opener switch cannot be operated, the following procedure can be used to open the fuel filler door.**

### Opening the fuel filler door

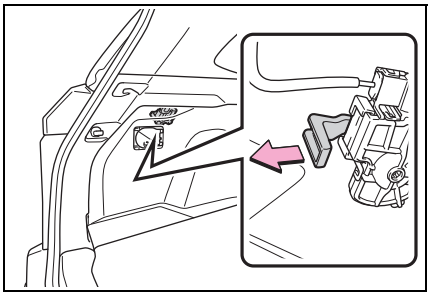
1 Remove the cover inside the luggage compartment by inserting a screwdriver.

When removing the cover, to prevent damage, cover the tip of the screwdriver with a rag.



2 Pull the lever.

After removing the cover, pull the lever to unlock the fuel filler door and it will be ready to open as usual.



## If the electronic key does not operate properly

**If communication between the electronic key and vehicle is interrupted (→P.162) or the electronic key cannot be used because the battery is depleted, the smart entry & start system and wireless remote control cannot be used. In such cases, the doors can be opened and the hybrid system can be started by following the procedure below.**

**■ When the electronic key does not work properly**

- Make sure that the smart entry & start system has not been deactivated in the customization setting. If it is off, turn the function on. (Customizable features: →P.615)
- Check if battery-saving mode is set. If it is set, cancel the function. (→P.161)
- The electronic key function may have stopped. (→P.162)

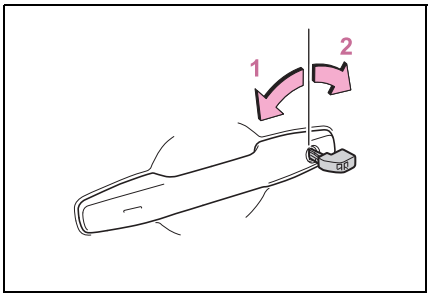
NOTICE

**■ 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 to any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

## Locking and unlocking the doors

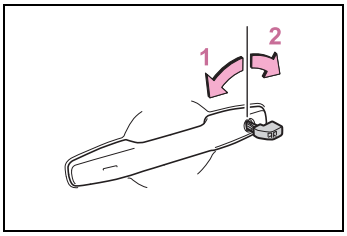
Use the mechanical key (→P.130) in order to perform the following operations.




**1** Locks all the doors

**2** Unlocks all the doors

### Key linked functions




**1** Closes the windows and the moon roof *1, the panoramic moon roof*1 (turn and hold)*2

**2** Opens the windows and the moon roof *1, the panoramic moon roof*1 (turn and hold)*2

*1: If equipped

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

**WARNING**

**When using the mechanical key and operating the power windows, the moon roof (if equipped) or the panoramic moon roof (if equipped)**

Operate the power window or the moon roof or panoramic 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 the moon roof or panoramic moon roof. Also, do not allow children to operate the mechanical key. It is possible for children and other passengers to get caught in the power window or the moon roof or panoramic moon roof.

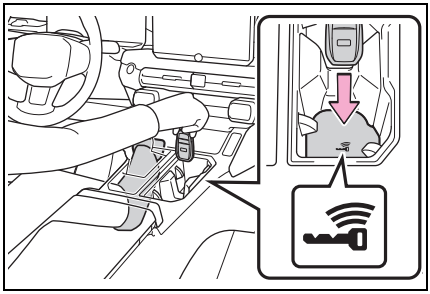
## Starting the hybrid system

**1** Ensure that the shift lever is in P and depress the brake pedal.

**2** Hold the electronic key above the symbol on the bottom surface of the cup holder.

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 and ACC customization is in OFF, the power switch will turn to ACC.



3 Depress the brake pedal and press the power switch shortly and firmly.

Check that there are no metallic objects or obstructions between the mark and the electronic key.

In the event that the hybrid system still cannot be started, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

**■ Stopping the hybrid system**

Shift the shift position to P, set the parking brake and press the power switch as you normally do when stopping the hybrid system.

**■ Replacing the 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.530)

**■ 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.94)

**■ Changing power switch modes**

Release the brake pedal and press the power switch in step 3 above.
The hybrid system does not start and modes will be changed each time the switch is pressed. (→P.225)

## If the 12-volt battery is discharged

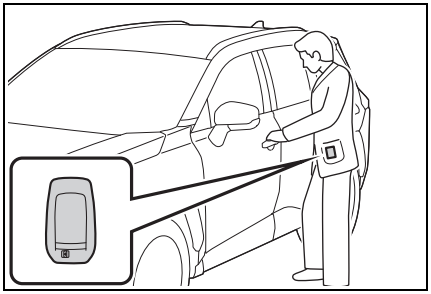
**The following procedures may be used to start the hybrid system if the vehicle's 12-volt battery is discharged.**
**You can also call any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer or a qualified repair shop.**

### Restarting the hybrid system

If you have a set of jumper (or booster) cables and a second vehicle with a 12-volt battery, you can jump start your vehicle by following the steps below.

1 Vehicles with alarm: Confirm that the key is being carried.

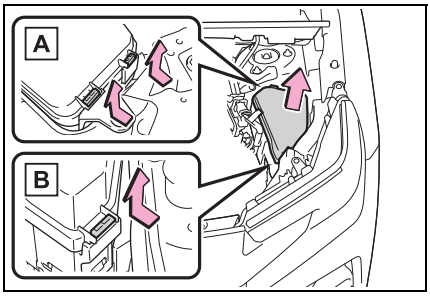
When connecting the jumper (or booster) cables, depending on the situation, the alarm may activate and the doors may lock. (→P.95)



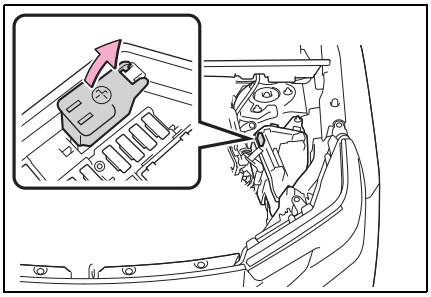
2 Open the hood (→P.499) and fuse box cover.

Push claws A and B to completely

release the lock, and then lift up the cover.

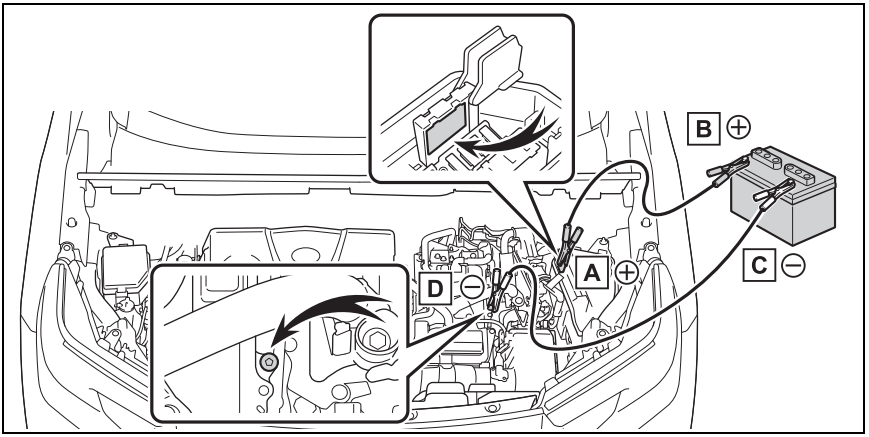



3 Open the exclusive jump starting terminal cover.



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 Exclusive jump starting terminal (your vehicle)

B Positive (+) battery terminal (second vehicle)

C Negative (-) battery terminal (second vehicle)

D Metallic point shown in the illustration

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 Maintain the engine speed of the second vehicle and start the hybrid system of your vehicle by turning the power switch to ON.

7 Make sure the “READY” indicator comes on. If the indicator light does not come on, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

8 Once the hybrid system has started, remove the jumper cables in the exact reverse order from which they were connected.

9 Close the exclusive jump starting terminal cover, and reinstall the fuse box cover to its original position.

Once the hybrid system starts, have the vehicle inspected at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer as soon as possible.

■ **Starting the hybrid system when the 12-volt battery is discharged**

The hybrid system cannot be started by push-starting.

■ **To prevent 12-volt battery discharge**

- Turn off the headlights, the air conditioning system and the audio system while the hybrid system is off.
- Turn off any unnecessary electrical components when the vehicle is running at a low speed for an extended period, such as in heavy traffic.
- When ACC customization is in on, power is still provided to the multimedia system even though the power switch is off. To turn off the multimedia system, use the multimedia system power switch. For details, refer to the “Multimedia owner’s manual”.

■ **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 Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- Some systems may require initialization. (→P.640)

■ **When removing the 12-volt battery terminals**

When the 12-volt battery terminals are removed, the information stored in the ECU is cleared. Before removing the 12-volt battery terminals, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **When removing the 12-volt battery:**

→P.508

■ **Charging the 12-volt battery**

The electricity stored in the 12-volt battery will discharge gradually even when the vehicle is not in use, due to natural discharge and the draining effects of certain electrical appliances. If the vehicle is left for a long time, the 12-volt battery may discharge, and the hybrid system may be unable to start. (The 12-volt battery recharges automatically while the hybrid system is operating.)

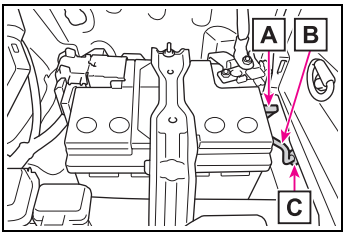
■ **When recharging or replacing the 12-volt battery**

- In some cases, it may not be possible to lock or unlock the doors using the smart entry & start system when the 12-volt battery is discharged. Use the wireless remote control or the mechanical key to lock or unlock the doors.

- The hybrid system may not start on the first attempt after reinstalling the 12-volt battery. In that case, start the hybrid system in the same manner as when the electronic key does not operate properly (→P.590). This is not a malfunction, as the hybrid system will start normally on the second attempt.
- 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 to 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.
- Vehicles with electronically controlled type shift lever: 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.

### 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 (LN2), 20 hour rate capacity (20HR) is equivalent (55Ah) or greater, and performance rating (CCA) is equivalent (345A) or greater.
  - If the sizes differ, the 12-volt battery cannot be properly secured.
  - If the 20 hour rate capacity is low, even if the time period where the vehicle is not used is a short time, the 12-volt battery may discharge and hybrid system may not be able to start.
  - If an improper 12-volt battery is used, 12-volt battery performance may decrease and the hybrid system may not be able to restart.
- Use a Central Degassing type 12-volt battery (European Regulations).
- Use a 12-volt battery with a handle. If a 12-volt battery without a handle is used, removal is more difficult.
- After replacing, firmly attach the following items to the exhaust hole of the 12-volt battery.
  - Use the exhaust hose that was attached to the 12-volt battery before replacing and confirm that it is firmly connected to the hole section of the vehicle.
  - Use the exhaust hole plug included with the new 12-volt battery or the one installed on the 12-volt battery prior to the replacement. (Depending on the new 12-volt battery installed, the exhaust hole may be plugged.)




A Exhaust hole

B Exhaust hose

C Hole section of the vehicle

- For details, consult any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

**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:

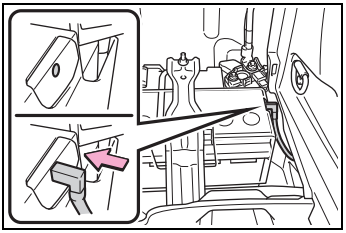
- When working with the 12-volt battery, always wear safety glasses and take care not to allow any battery fluids (acid) to come into contact with skin, clothing or the vehicle body.
- Do not lean over the 12-volt battery.
- In the event that 12-volt battery fluid (acid) comes into contact with the skin 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 support, terminals, and other battery-related parts.
- Do not allow children near the 12-volt battery.

**■ After recharging the 12-volt battery**

Have the 12-volt battery inspected at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer as soon as possible. If the 12-volt battery is deteriorating, continued use may cause the 12-volt battery to emit a malodorous gas, which may be detrimental to the health of passengers.

**■ When replacing the 12-volt battery**

- When the vent plug and indicator are close to the hold down bracket, the 12-volt battery fluid (sulfuric acid) may leak.
- For information regarding 12-volt battery replacement, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- After replacing, securely attach the exhaust hose and exhaust hole plug to the exhaust hole of the replaced 12-volt battery. If not properly installed, gases (hydrogen) may leak into the vehicle interior, and there is the possible danger of the gas igniting and exploding.



**WARNING**

**■ When disconnecting the 12-volt battery**

Do not disconnect the negative (-) terminal on the body side. The disconnected negative (-) terminal may touch the positive (+) terminal, which may cause a short and result in death or serious injury.

NOTICE

**■ When handling jumper cables**

When connecting the jumper cables, ensure that they do not become entangled in the cooling fan, etc.

**■ When connecting jumper cables**

Make sure to connect jumper cables to the specified terminals and connecting point. Failure to do so may adversely affect the electronic devices or damage to them.

**■ To prevent damaging the vehicle**

The exclusive jump starting terminal is to be used when charging the 12-volt battery from another vehicle in an emergency. It cannot be used to jump start another vehicle.

## If your vehicle overheats

**The following may indicate that your vehicle is overheating.**

- The engine coolant temperature gauge (→P.105) shows the red zone, or a loss of hybrid system power is experienced. (For example, the vehicle speed does not increase.)
- “Engine coolant temp high Stop in a safe place See owner’s manual” or “Hybrid system overheated Output power reduced” is shown on the multi-information display.
- Steam comes out from under the hood.

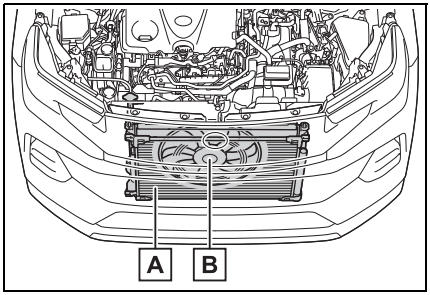
### Correction procedures

**■ If the engine coolant temperature gauge shows the red zone, or “Engine coolant temp high Stop in a safe place See owner’s manual” is shown on the multi-information display**

1 Stop the vehicle in a safe place and turn off the air conditioning system, and then stop the hybrid system.

2 If you see steam:
Carefully lift the hood after the steam subsides.
If you do not see steam:
Carefully lift the hood.

3 After the hybrid system has cooled down sufficiently, inspect the hoses and radiator core (radiator) for any leaks.

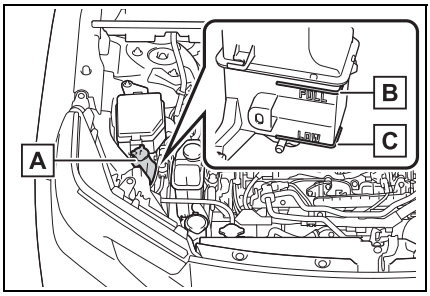



A Radiator

B Cooling fan

If a large amount of coolant leaks, immediately contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

4 The coolant level is satisfactory if it is between the “FULL” and “LOW” lines on the reservoir.



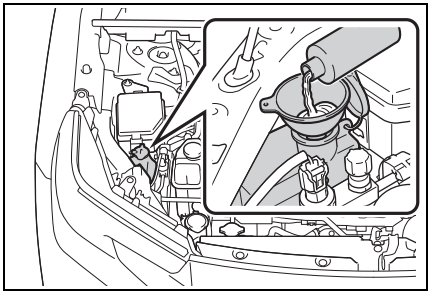

A Reservoir

B “FULL” line

C “LOW” line

5 Add coolant if necessary.

Water can be used in an emergency if engine coolant is unavailable.
If water was added in an emergency, have the vehicle inspected at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer as soon as possible.



6 Start the hybrid system and turn the air conditioning system on to check that the radiator cooling fan operates and to check for coolant leaks from the radiator or hoses.

The fan operates when the air conditioning system is turned on immediately after a cold start. Confirm that the fan is operating by checking the fan sound and air flow. If it is difficult to check these, turn the air conditioning system on and off repeatedly. (The fan may not operate in freezing temperatures.)

7 If the fan is not operating:
Stop the hybrid system immediately and contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
If the fan is operating:
Have the vehicle inspected at the nearest authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

8 Check if “Engine coolant temp high Stop in a safe place See owner’s manual” is shown on the multi-information display.

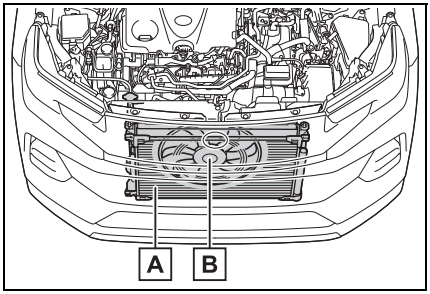
If the message does not disappear:
Stop the hybrid system and contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
If the message is not displayed:
Have the vehicle inspected at the nearest authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

### ■ If “Hybrid system overheated Output power reduced” is shown on the multi-information display

1 Stop the vehicle in a safe place.

2 Stop the hybrid system and carefully lift the hood.

3 After the hybrid system has cooled down, inspect the hoses and radiator core (radiator) for any leaks.

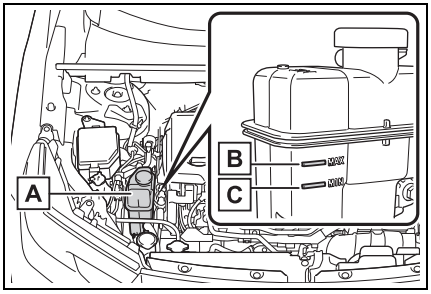



A Radiator

B Cooling fan

If a large amount of coolant leaks, immediately contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

4 The coolant level is satisfactory if it is between the “MAX” and “MIN” lines on the reservoir.



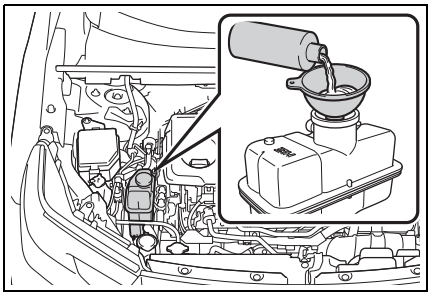

A Reservoir

B “MAX” line

C “MIN” line

5 Add coolant if necessary.

Water can be used in an emergency if power control unit coolant is unavailable.
If water was added in an emergency, have the vehicle inspected at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer as soon as possible.



6 After stopping the hybrid system and waiting for 5 minutes or more, start the hybrid system again and check the multi-information display.

If the message does not disappear:
Stop the hybrid system and contact any

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

If the message is not displayed: The hybrid system temperature has dropped and the vehicle may be driven normally.
However, if the message appears again frequently, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

**WARNING**

**■ When inspecting under the hood of your vehicle**

Observe the following precautions. Failure to do so may result in serious injury such as burns.

- If steam is seen coming from under the hood, do not open the hood until the steam has subsided. The engine compartment may be very hot.
- After the hybrid system has been turned off, check that the “READY” indicator is off.
  When the hybrid system is operating, the gasoline engine may automatically start, or the cooling fan may suddenly operate even if the gasoline engine stops. Do not touch or approach rotating parts such as the fan, which may lead to fingers or clothing (especially a tie, a scarf or a muffler) getting caught, resulting in serious injury.
- Do not loosen the coolant reservoir cap while the hybrid system and radiator are hot.
  High temperature steam or coolant could spray out.

NOTICE

**■ When adding engine/power control unit coolant**

Add coolant slowly after the hybrid system has cooled down sufficiently. Adding cool coolant to a hot hybrid system too quickly can cause damage to the hybrid system.

**■ To prevent damage to the cooling system**

Observe the following precautions:

- Avoid contaminating the coolant with foreign matter (such as sand or dust, etc.).
- Do not use any coolant additive.

## If the vehicle becomes stuck

**Carry out the following procedures if the tires spin or the vehicle becomes stuck in mud, dirt or snow:**

### Recovering procedure

1 Stop the hybrid system. Set the parking brake and shift the shift position to P.

Except for vehicles with electronically controlled type shift lever: Do not press the shift release button after shifting the shift position to P.

2 Remove the mud, snow or sand from around the stuck tire.

3 Place wood, stones or some other material to help provide traction under the tires.

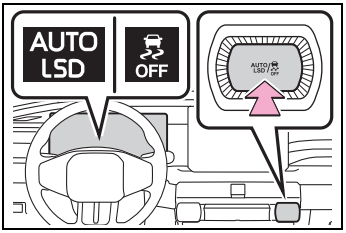
4 Restart the hybrid system.

5 Shift the shift position to D or R and release the parking brake. Then, while exercising caution, depress the accelerator pedal.

**■ When it is difficult to free the vehicle**

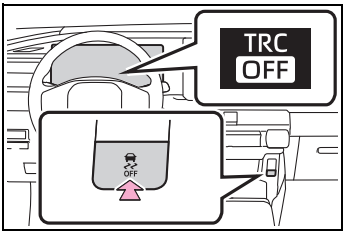
▶ 2WD vehicles

Press OFF to turn off the TRC system. (turn on the AUTO LSD system) (→P.436)




▶ AWD vehicles

Press OFF to turn off TRC. (→P.436)




**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 damaging the transmission and other components**

- Avoid spinning the wheels and depressing the accelerator pedal more than necessary.

NOTICE

- If the vehicle remains stuck even after these procedures are performed, the vehicle may require towing to be freed.

# Vehicle specifications

8

**8-1. Specifications**

Maintenance data (fuel, oil level, etc.) ..... 604

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Items to initialize ..... 640

**8-4. Free/open source software**

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# Maintenance data (fuel, oil level, etc.)

## Dimensions

| | | | | |
|---|---|---|---|---|
| Overall length* | | | Except for GR SPORT models | 4600 mm (181.1 in.) |
| | | | For GR SPORT models | 4645 mm (182.9 in.) |
| Overall width* | | | Except for GR SPORT models | 1855 mm (73.0 in.) |
| | | | For GR SPORT models | 1880 mm (74.0 in.) |
| Overall height* | | Normal height models | | 1680 mm (66.1 in.) |
| | | Tall height models | | 1695 mm (66.7 in.) |
| Wheelbase* | | | | 2690 mm (105.9 in.) |
| Tread* | Normal height models | Except for GR SPORT models | Front | 1600 mm (63.0 in.) |
| | | | Rear | 1615 mm (63.6 in.) |
| | | For GR SPORT models | Front | 1620 mm (63.8 in.) |
| | | | Rear | 1640 mm (64.6 in.) |
| | Tall height models | | Front | 1595 mm (62.8 in.) |
| | | | Rear | 1610 mm (63.4 in.) |

*: Unladen vehicle

## Weights

| | | 2WD models | AWD models |
|---|---|---|---|
| Gross vehicle mass | | 2170 kg (4784 lb.) | 2230 kg (4916 lb.) |
| Maximum permissible axle capacity | Front | 1150 kg (2535 lb.) | 1220 kg (2690 lb.) |
| | Rear | 1150 kg (2535 lb.) | 1220 kg (2690 lb.) |
| Drawbar load* | | 80 kg (176 lb.) | 100 kg (220 lb.) |
| Towing capacity* | Without brake | 750 kg (1653 lb.) | 750 kg (1653 lb.) |
| | With brake | 800 kg (1764 lb.) | 2000 kg (4409 lb.) |

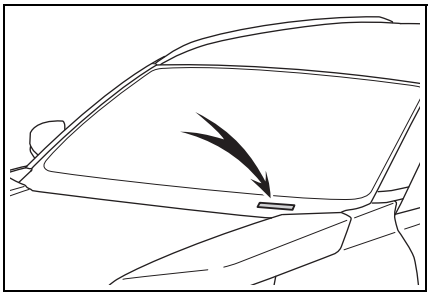
*: Vehicles that can tow a trailer. (→P.212)

## Vehicle identification

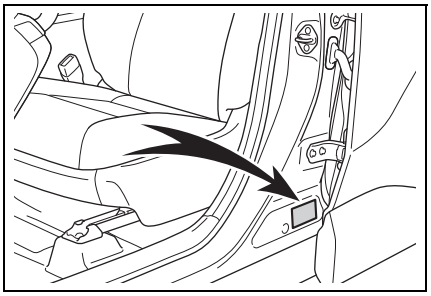
### ■ Vehicle identification number

The vehicle identification number (VIN) is the legal identifier for your vehicle. This is the primary identification number for your Toyota. It is used in registering the ownership of your vehicle.

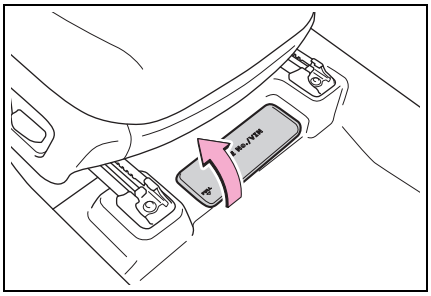
On some models, this number is on the top left of the instrument panel.



This number is also on the manufacturer's label.

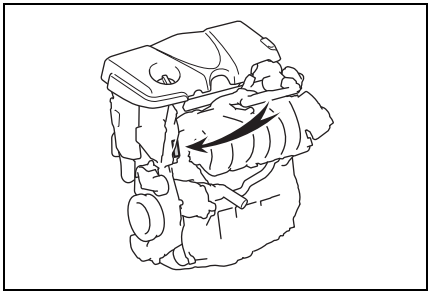


This number is also stamped under the right-hand front seat.



### ■ Engine number

The engine number is stamped on the engine block as shown.



## Engine

| | |
|---|---|
| Model | A25A-FXS |
| Type | 4-cylinder in line, 4-cycle, gasoline |
| Bore and stroke | 87.50 × 103.48 mm (3.44 × 4.07 in.) |

| | |
|---|---|
| Displacement | 2487 $cm^3$ (151.8 cu. in.) |
| Valve clearance | Automatic adjustment |

## Fuel

| | | |
|---|---|---|
| Fuel type | | When you find these types of fuel label at the gas station, use only the fuel with one of the following labels.<br>  <br><br>EU area:<br>Unleaded gasoline conforming to European standard EN228 only<br>Except EU area:<br>Unleaded gasoline only |
| Research Octane Number | Vehicles without GPF system* | 91 or higher |
| | Vehicles with GPF system* | 95 or higher |
| Fuel tank capacity (Reference) | | 55 L (14.5 gal., 12.1 Imp.gal.) |

*: For details about GPF system: →P.433

## Electric motor (traction motor)

▶ Front

| | |
|---|---|
| Type | Permanent magnet synchronous motor |
| Maximum output | 100.0 kW |
| Maximum torque | 208.0 N•m (21.2 kgf•m, 153.4 ft•lbf) |

▶ Rear (AWD models)

| | |
|---|---|
| Type | Permanent magnet synchronous motor |
| Maximum output | 39.9 kW |
| Maximum torque | 121.0 N•m (12.3 kgf•m, 89.2 ft•lbf) |

## Hybrid battery (traction battery)

| | |
|---|---|
| Type | Lithium-ion battery |
| Voltage | 3.65 V/cell |
| Capacity | 4.4 Ah |
| Quantity | 68 cells |
| Nominal voltage | 248.2 V |

## Lubrication system

### ■ Oil capacity (Drain and refill — reference*)

| | |
|---|---|
| With filter | 4.3 L (4.5 qt., 3.8 Imp. qt.) |
| Without filter | 4.0 L (4.2 qt., 3.5 Imp. qt.) |

*: The engine oil capacity is a reference quantity to be used when changing the engine oil. When actually adding the engine oil, make sure that the oil level is between the low level mark and refill upper limit mark (→P.504). Warm up the engine and turn off the hybrid system, wait about 5 minutes, and check the oil level on the dipstick.

### ■ Engine oil selection

“Toyota Genuine Motor Oil” is used in your Toyota vehicle. Toyota recommends the use of approved “Toyota Genuine Motor Oil”. Another motor oil of matching quality can also be used.

Oil grade:

0W-8:

JASO GLV-1

0W-16:

API grade SN “Resource-Conserving”, SN PLUS “Resource-Conserving” or SP “Resource-Conserving”; or ILSAC GF-6B multigrade engine oil

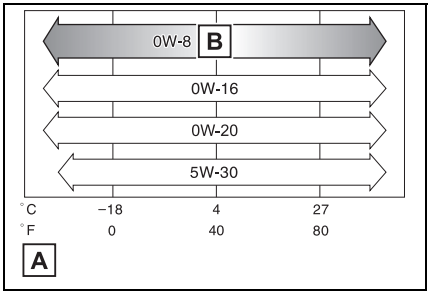
0W-20 and 5W-30:

API grade SM “Energy-Conserving”, SN “Resource-Conserving”, SN PLUS “Resource-Conserving” or SP “Resource-Conserving”; or ILSAC GF-6A multigrade engine oil

Recommended viscosity (SAE):

SAE 0W-8 is filled into your Toyota vehicle at manufacturing, and the best choice for good fuel economy and good starting in cold weather.

If SAE 0W-8 oil is not available, SAE 0W-16 or 0W-20 oil may be used. However, it should be replaced with SAE 0W-8 at the next oil change.




A Temperature range anticipated before next oil change

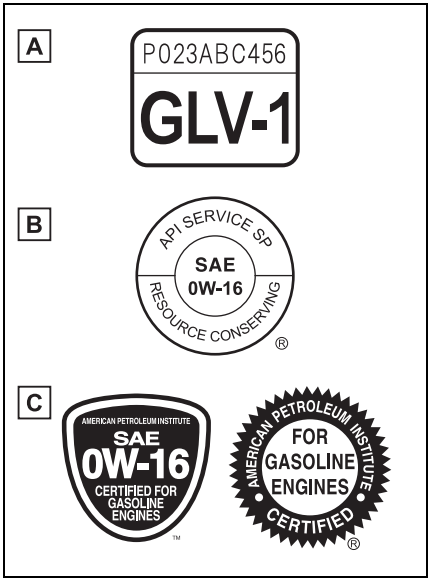
B Preferred

Oil viscosity (0W-8 is explained here as an example):

- The 0W in 0W-8 indicates the characteristic of the oil which allows cold startability. Oils with a lower value before the W allow for easier starting of the engine in cold weather.
- The 8 in 0W-8 indicates the viscosity characteristic of the oil when the oil is at high temperature.

How to read oil container labels:

Either one or two of following marks are added to some oil containers to help you select the oil you should use.




A JASO GLV 1 Mark

The Japanese Automotive Standards Organization (GLV 1 Mark is displayed on the container.)

B API Service Symbol

Top portion: “API SERVICE SP” means the oil quality designation by American Petroleum Institute (API).
Center portion: “SAE 0W-16” means the SAE viscosity grade.

Lower portion: “Resource-Conserving” means that the oil has fuel-saving and environmental protection capabilities.

C ILSAC Certification Mark

The International Lubricant Specification Advisory Committee (ILSAC) Certification Mark is displayed on the front of the container.

## Cooling system

▶ With model code[*1] that has “W” as the last letter.

| | | 2WD models | AWD models |
|---|---|---|---|
| Capacity[*2] | Gasoline engine | 6.1 L (6.4 qt., 5.4 Imp. qt.) | 6.7 L (7.1 qt., 5.9 Imp. qt.) |
| | Power control unit | 1.7 L (1.8 qt., 1.5 Imp. qt.) | 1.9 L (2.0 qt., 1.7 Imp. qt.) |
| Coolant type | | Use either of the following:<br>• “Toyota Super Long Life Coolant”<br>• Similar high-quality ethylene glycol-based non-silicate, non-amine, non-nitrite, and non-borate coolant with long-life hybrid organic acid technology<br>Do not use plain water alone. | |

[*1]: The model code is indicated on the manufacturer’s label. (→P.605)

[*2]: The coolant capacity is the quantity of reference.
If replacement is necessary, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

▶ With model code[*3] that has “B” as the last letter.

| | | |
|---|---|---|
| Capacity[*4] | Gasoline engine | 6.0 L (6.3 qt., 5.3 Imp. qt.) |
| | Power control unit | 1.7 L (1.8 qt., 1.5 Imp. qt.) |
| Coolant type | | Use either of the following:<br>• “Toyota Super Long Life Coolant”<br>• Similar high-quality ethylene glycol-based non-silicate, non-amine, non-nitrite, and non-borate coolant with long-life hybrid organic acid technology<br>Do not use plain water alone. |

[*3]: The model code is indicated on the manufacturer’s label. (→P.605)

[*4]: The coolant capacity is the quantity of reference.
If replacement is necessary, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

## Ignition system (spark plug)

| | |
|---|---|
| Make | DENSO FC16HR-Q8 |
| Gap | 0.8 mm (0.031 in.) |

NOTICE

**■ Iridium-tipped spark plugs**

Use only iridium-tipped spark plugs. Do not adjust the spark plug gap.

## Electrical system (12-volt Battery)

| | |
|---|---|
| Specific voltage reading at 20°C (68°F): | 12.0 V or higher<br>(Turn the power switch to OFF and turn on the high beam headlights for 30 seconds.)<br>If the voltage is lower than the standard value, charge the 12-volt battery. |
| Charging rates | 5 A max. |

## Hybrid transmission

| | |
|---|---|
| Fluid capacity* | 3.67 L (3.88 qt., 3.23 Imp.qt.) |
| Fluid type | Toyota Genuine e-Transaxle fluid TE |

*: The fluid capacity is the quantity of reference.
If replacement is necessary, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

NOTICE

**■ Hybrid transmission fluid type**

Using transmission fluid other than the above type may cause abnormal noise or vibration, or ultimately damage the transmission of your vehicle.

## Rear differential (rear electric motor) (AWD models)

| | |
|---|---|
| Fluid capacity* | 1.7 L (1.8 qt., 1.5 Imp.qt.) |
| Fluid type | Toyota Genuine ATF WS |

*: The fluid capacity is the quantity of reference.
If replacement is necessary, contact any authorized Toyota retailer or Toyota

authorized repairer, or any reliable repairer.

NOTICE

**■ Rear differential 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* | Left-hand drive vehicles | With 16-inch front wheel brake:<br>85 mm (3.3 in.) Min.<br>With 17-inch front wheel brake:<br>78 mm (3.1 in.) Min. |
| | Right-hand drive vehicles | 76 mm (3.0 in.) Min. |
| Pedal free play | | 1.0 — 6.0 mm (0.04 — 0.24 in.) |
| Fluid type | | SAE J1703 or FMVSS No. 116 DOT 3<br>SAE J1704 or FMVSS No. 116 DOT 4 |

*: Minimum pedal clearance when depressed with a force of 300 N (30.5 kgf, 67.4 lbf) while the hybrid system is operating.

## Steering

| | |
|---|---|
| Free play | Less than 30 mm (1.2 in.) |

## Tires and wheels

### ■ Full-size tire

▶ Type A

| | | |
|---|---|---|
| Tire size | | 235/60R18 103H |
| Tire inflation pressure (Recommended cold tire inflation pressure) | Front | 260 kPa (2.6 kgf/cm$^2$ or bar, 38 psi) |
| | Rear | 260 kPa (2.6 kgf/cm$^2$ or bar, 38 psi) |
| Wheel size | | 18 × 7 1/2J |
| Wheel nut torque | | 103 N•m (10.5 kgf•m, 76 ft•lbf) |

▶ Type B

| | | |
|---|---|---|
| Tire size | | 235/50R20 104V |
| Tire inflation pressure (Recommended cold tire inflation pressure) | Front | 260 kPa (2.6 kgf/cm$^2$ or bar, 38 psi) |
| | Rear | 260 kPa (2.6 kgf/cm$^2$ or bar, 38 psi) |
| Wheel size | | 20 × 7 1/2J |
| Wheel nut torque | | 103 N•m (10.5 kgf•m, 76 ft•lbf) |

### ■ Compact spare tire (if equipped)

▶ Type A

| | |
|---|---|
| Tire size | T165/80D17 104M |
| Tire inflation pressure (Recommended cold tire inflation pressure) | 420 kPa (4.2 kgf/cm$^2$ or bar, 60 psi) |
| Wheel size | 17 × 4T |
| Wheel nut torque | 103 N•m (10.5 kgf•m, 76 ft•lbf) |

▶ Type B

| | |
|---|---|
| Tire size | T165/90D18 107M |
| Tire inflation pressure (Recommended cold tire inflation pressure) | 420 kPa (4.2 kgf/cm$^2$ or bar, 60 psi) |
| Wheel size | 18 × 4T |
| Wheel nut torque | 103 N•m (10.5 kgf•m, 76 ft•lbf) |

**■ When towing a trailer (vehicles that can tow a trailer): →P.212**

Add 20.0 kPa (0.2 kgf/cm$^2$ or bar, 3 psi) to the recommended tire inflation pressure and drive at speeds below 100 km/h (62 mph).

## Light bulbs (if equipped)

| Light bulbs | W | Type |
|---|---|---|
| Outer foot lights | 5 | A |

A: Wedge base bulbs (clear)

## Fuel information

**When you find these types of fuel label at the gas station, use only the fuel with one of the following labels.**




**EU area:**

**You must only use unleaded gasoline conforming to European standard EN228.**

**Select unleaded gasoline with a Research Octane Number of 95 or higher for optimum engine performance.**

**Except EU area:**

**You must only use unleaded gasoline.**

▶ Vehicles without GPF system*

**Select unleaded gasoline with a Research Octane Number of 91 or higher for optimum engine performance.**

▶ Vehicles with GPF system*

**Select unleaded gasoline with a Research Octane Number of 95 or higher for optimum engine performance.**

*: For details about GPF system: →P.433

### ■ Use of ethanol blended gasoline in a gasoline engine

Toyota allows the use of ethanol blended gasoline where the ethanol content is up to 10%. Make sure that the ethanol blended gasoline to be used has a Research Octane Number that follows the above.

### ■ If your engine knocks

- Consult any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- You may occasionally notice light knocking for a short time while accelerating or driving uphill. This is normal and there is no need for concern.

NOTICE

### ■ Notice on fuel quality

- Do not use improper fuels. If improper fuels are used, the engine will be damaged.
- Do not use gasoline with metallic additives, for example manganese, iron or lead, otherwise it may cause damage on your engine or emission control system.
- Do not add aftermarket fuel additives which contain metallic additives.
- Do not use the methanol blended gasoline such as M15, M85, M100. The use of gasoline containing methanol may cause engine damage or failure.
- EU area: Bioethanol fuel sold under names such as “E50” or “E85” and fuel containing a large amount of ethanol should not be used. The use of these fuels will damage the vehicle’s fuel system. In case of any doubt, ask any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

NOTICE

- Except EU area: Bioethanol fuel sold under names such as “E50” or “E85” and fuel containing a large amount of ethanol should not be used. Your vehicle can use gasoline mixed with 10% max ethanol. The use of fuel with more than 10% ethanol content (E10) will damage the vehicle’s fuel system. You must ensure that refueling is carried out only from a source where fuel specification and quality can be guaranteed. In case of any doubt, ask any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

## Customizable features

**Your vehicle includes a variety of electronic features that can be personalized to suit your preferences. The settings of these features can be changed using the multi-information display, navigation/multimedia system, or at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.**

**Some of the customizable features are changed in conjunction with the settings of My Settings. (→P.198)**

## Customizing vehicle features

### ■ Changing using the Multimedia Display

▶ Except for Advanced Park

1 Select ⚙ on the main menu.

2 Select the category to change the settings of from the sub menu.

3 Select the item to change the settings of from the list.

Various setting can be changed. Refer to the list of settings that can be changed for details.

For functions that can be turned on/off, select ◯ (ON)/◯ (OFF).

The settings, such as the volume and sensor sensitivity can be changed by dragging the round icon on the display.

▶ For Advanced Park (if equipped)

1 Press the Advanced Park main switch.

2 Select ⚙ on the Multimedia Display, and then select “Advanced Park”

### ■ Changing using the multi-information display

1 Press ∧ or ∨ of the meter control switches to select ⚙ and press OK in the contents display area (left).

2 Press ∧ or ∨ of the meter control switches, select the item.

3 To switch the function on and off, press OK to switch to the desired setting.

4 To perform detailed setting of functions that support detailed settings, press and hold OK and display the setting screen.

The method of performing detailed setting differs for each screen. Please refer to the advice sentence displayed on the screen.

To go back to the previous screen or exit the customize mode, press ⮌.

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**■ When customizing using the navigation/multimedia system or multi-information 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 hybrid system operating while customizing the fea-

tures.

**WARNING**

**■ During customization**

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

**NOTICE**

**■ During customization**

To prevent 12-volt battery discharge, ensure that the hybrid system is operating while customizing features.

## Customizable Features

Some function settings are changed simultaneously with other functions being customized. Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer for further details.

A Settings that can be changed using the navigation system or multimedia system

B Settings that can be changed using the multi-information display

### Changing by using the Multimedia Display or multi-information display

Definition of symbols: O = Available, — =Not available

**■ Predictive efficient drive*1 (→P.85)**

| Function | Customized setting | A | B |
|---|---|---|---|
| Predictive efficient drive | • On<br>• Off | O | — |
| Adaptive Area EV Drive*2 | • On<br>• Off | O | — |

*1: If equipped

*2: This setting can be changed when the Predictive efficient drive setting is set to On.

## ■ Power switch (→P.222)

| Function | Customized setting | A | B |
|---|---|---|---|
| ACC customization (Accessory mode)<br>Enabling/Disabling ACC mode | • ON<br>• OFF | O | — |

## ■ Gauges, meters and multi-information display (→P.105, 111)

| Function[*1] | Customized setting | A | B |
|---|---|---|---|
| Adjust Meter Brightness | • Standard<br>• Desired brightness | — | O |
| Language[*2] | • “English” (English)<br>• Except English[*3] | — | O |
| Units[*2] | • L/100 km<br>• km/L | — | O |

| Function*1 | | | Customized setting | A | B |
|---|---|---|---|---|---|
| Meter Type | Simple | Simple display | • On<br>• Off | — | O |
| | | Widget | • On<br>• Off | — | O |
| | 1 Dial | 1 Dial display | • On<br>• Off | — | O |
| | | Dial Type | • Tachometer (if equipped)<br>• Speedometer<br>• Hybrid System Indicator<br>• Change with Drive Mode (if equipped) | — | O |
| | | Widget | • On<br>• Off | — | O |
| | 2 Dials | 2 Dials display | • On<br>• Off | — | O |
| | | Analog meter type (if equipped) | • Tachometer (if equipped)<br>• Hybrid System Indicator<br>• Change with Drive Mode (if equipped) | — | O |
| | Navigation | Navigation display | • On<br>• Off | — | O |
| | | Widget | • On<br>• Off | — | O |
| | Driving support system information | Driving support system information | • On<br>• Off | — | O |
| | | Widget | • On<br>• Off | — | O |

| Function*1 | | | | Customized setting | A | B |
|---|---|---|---|---|---|---|
| Meter Type | ECO | ECO display | | • On<br>• Off | — | O |
| | | Widget | | • On<br>• Off | — | O |
| | | Fuel Consumption | Graph Type | • Current Data<br>• History Data | — | O |
| | | | Clear Current Data | • Yes<br>• No | — | O |
| | | | Update History Data | • Yes<br>• No | — | O |
| | | | Clear History Data | • Yes<br>• No | — | O |
| EV indicator | | | | • On<br>• Off | — | O |

| Function[*1] | | | Customized setting | A | B |
|---|---|---|---|---|---|
| Displayed Information | Fuel Economy | Fuel Economy display | • On<br>• Off | — | O |
| | | Graph Type | • Trip Average<br>• Total Average<br>• Tank Average | — | O |
| | Eco Score | Eco Score display | • On<br>• Off | — | O |
| | | Eco Guidance | • On<br>• Off | — | O |
| | EV Ratio | | • On<br>• Off | — | O |
| | Navigation display | | • On<br>• Off | — | O |
| | Audio display | | • On<br>• Off | — | O |
| | Drive Info display | | • On<br>• Off | — | O |
| | TRIP A display | | • On<br>• Off | — | O |
| | TRIP B display | | • On<br>• Off | — | O |
| | Energy Monitor display | | • On<br>• Off | — | O |
| | Tire Pressure display | | • On<br>• Off | — | O |
| | AWD display (AWD models) | | • On<br>• Off | — | O |
| Drive information items (first item)[*4] | | | • Distance<br>• Average Speed<br>• Total Time | — | O |
| Drive information items (second item)[*4] | | | • Distance<br>• Average Speed<br>• Total Time | — | O |

| Function[*1] | | Customized setting | A | B |
|---|---|---|---|---|
| TRIP A items (first item)[*4] | | • Distance<br>• Average Speed<br>• Total Time | — | O |
| TRIP A items (second item)[*4] | | • Distance<br>• Average Speed<br>• Total Time | — | O |
| TRIP B items (first item)[*4] | | • Distance<br>• Average Speed<br>• Total Time | — | O |
| TRIP B items (second item)[*4] | | • Distance<br>• Average Speed<br>• Total Time | — | O |
| Pop-up display | TbT Navigation | • On<br>• Off | — | O |
| | Telephone | • On<br>• Off | — | O |
| | Audio Operation | • On<br>• Off | — | O |
| | Volume Operation | • On<br>• Off | — | O |
| Calendar[*5] | | – | — | O |
| Convenience Services (Suggestion function)[*7] | | • On<br>• Notify while stopped<br>• Off | O | – |
| Warning Buzzer Volume[*6] | | • Level 1<br>• Level 2<br>• Level 3 | — | O |

[*1]: For details about each function: →P.117

[*2]: The default setting varies according to country.

[*3]: Available languages may differ depending on the target region.

*4: The same item cannot be displayed on the top row and bottom row.

*5: This can only be set if GPS calibration of clock is turned off in the multimedia system settings.

*6: The buzzer volume may sound different depending on the function.

*7: This setting changes in accordance with My Settings.

### ■ Head-up display*1 (→P.122)

| Function | Customized setting | A | B |
|---|---|---|---|
| Head-up display*2 | • On<br>• Off | — | O |
| Head-up display brightness | • Standard<br>• Desired brightness | — | O |
| Head-up display position | • Standard<br>• Desired position | — | O |
| Head-up display type*2 | • Standard<br>• Full<br>• Minimum | — | O |
| Analog meter type*1 | • Tachometer<br>• Hybrid System Indicator<br>• Change with Drive Mode | — | O |
| Head-up display angle adjustment | • Standard<br>• Desired angle | — | O |

*1: If equipped

*2: This setting changes in accordance with My Settings.

### ■ Door lock (→P.135, 589)

| Function | Customized setting | A | B |
|---|---|---|---|
| Automatic door locking function* | • Shift position linked door locking operation<br>• Speed linked door locking operation<br>• Off | O | — |
| Automatic door unlocking function* | • Shift position linked door unlocking operation<br>• Driver's door linked door unlocking operation<br>• Off | O | — |

*: This setting changes in accordance with My Settings.

### ■ Rear seat reminder* (→P.137)

| Function | Customized setting | A | B |
|---|---|---|---|
| Rear Seat Reminder function | • On<br>• Off | O | O |

*: For Kyrgyzstan, Kazakhstan, Ukraine, Azerbaijan and Georgia

### ■ Smart entry & start system and wireless remote control (→P.130, 160)

| Function | Customized setting | A | B |
|---|---|---|---|
| Operation signal (emergency flashers)* | • On<br>• Off | O | — |
| Time elapsed before the automatic door lock function is activated if a door is not opened after being unlocked | • Off<br>• 30 seconds<br>• 60 seconds<br>• 120 seconds | O | — |

*: This setting changes in accordance with My Settings.

### ■ Smart entry & start system (→P.160)

| Function | Customized setting | A | B |
|---|---|---|---|
| Smart entry & start system | • On<br>• Off | O | — |
| Smart door unlocking* | • All the doors<br>• Driver's door | O | — |

*: This setting changes in accordance with My Settings.

### ■ Digital Key* (→P.131)

| Function | Customized setting | A | B |
|---|---|---|---|
| Enable Digital Key | • On<br>• Off | O | — |

*: If equipped

■ **Wireless remote control (→P.130)**

| Function | Customized setting | A | B |
|---|---|---|---|
| Unlocking operation* | • All doors unlocked in one step<br>• Driver's door unlocked in one step, all doors unlocked in two steps | O | — |

*: This setting changes in accordance with My Settings.

■ **Power back door*1 (→P.143)**

| Function | Customized setting | A | B |
|---|---|---|---|
| Power back door operations | • On<br>• Off | O | O |
| Opening angle | • 1 to 5<br>• User setting*2 | O | O |
| Hands Free Power Back Door*1, 3 | • On<br>• Off | O | O |

*1: If equipped

*2: The open position is set by the power back door switch. (→P.159)

*3: When the towing hitch is installed, Hands Free Power Back Door does not work.

■ **Enabling easier driver entry and exit (power easy access system)*1 (→P.195)**

| Function | Customized setting | A | B |
|---|---|---|---|
| Driver's seat slide movement when exiting the vehicle*2 | • Full<br>• Off<br>• Partial | O | — |

*1: If equipped

*2: This setting changes in accordance with My Settings.

■ **Automatic light control system (→P.250)**

| Function | Customized setting | A | B |
|---|---|---|---|
| Light sensor sensitivity* | • Brighter<br>• Bright<br>• Average<br>• Dark<br>• Darker | O | — |

*: This setting changes in accordance with My Settings.

■ **AHS (Adaptive High-beam System)* (→P.255)**

| Function | Customized setting | A | B |
|---|---|---|---|
| Swivel for curves | • On<br>• Off | O | — |

*: If equipped

■ **PCS (Pre-Collision System) (→P.286)**

| Function | Customized setting | A | B |
|---|---|---|---|
| Pre-Collision System | • On<br>• Off | O | — |

■ **FCTA (Front Cross Traffic Alert)*1 (→P.317)**

| Function | Customized setting | A | B |
|---|---|---|---|
| Front Crossing Traffic Alert*2 | • On<br>• Off | O | — |

*1: If equipped

*2: This setting changes in accordance with My Settings.

■ **LDA (Lane Departure Alert) (→P.305)**

| Function | Customized setting | A | B |
|---|---|---|---|
| Lane Departure Alert System (LDA)* | • On<br>• Off | O | — |
| Alert Support timing* | • Later<br>• Default<br>• Earlier | O | — |

| Function | Customized setting | A | B |
|---|---|---|---|
| Alert options* | • Vibration<br>• Audible<br>• Vibration & Audible | O | — |
| Obstacle Anticipation Assist (OAA)* | • On<br>• Off | O | — |

*: This setting changes in accordance with My Settings.

### ■ LCA (Lane Change Assist)*1 (→P.301)

| Function | Customized setting | A | B |
|---|---|---|---|
| Lane Change Assist*2 | • On<br>• Off | O | — |

*1: If equipped

*2: This setting changes in accordance with My Settings.

### ■ Dynamic Radar Cruise Control (DRCC) (→P.322)

| Function | Customized setting | A | B |
|---|---|---|---|
| Overtake prevention* | • On<br>• Off | O | — |
| Acceleration setting* | • Low<br>• Mid<br>• High | O | — |
| DRCC(RSA)* | • On<br>• Off | O | — |
| Speed limit offset* | • -5 to +5 | O | — |
| Curve speed reduction* | • Off<br>• Low<br>• Mid<br>• High | O | — |
| Intersection/Tollbooth Assist* | • On<br>• Off | O | — |
| Switch to Cruise Control | • On<br>• Off | O | — |

*: This setting changes in accordance with My Settings.

## ■ PDA (Proactive Driving Assist)[*1] (→P.313)

| Function | Customized setting | A | B |
|---|---|---|---|
| Proactive Driving Assist (PDA)[*2] | • On<br>• Off | O | — |
| Support level[*2] | • Low<br>• Mid<br>• High | O | — |
| Steering Assist (SA)[*2] | • On<br>• Off | O | — |
| Deceleration Assist (DA)[*2] | • On<br>• Off | O | — |

[*1]: If equipped

[*2]: This setting changes in accordance with My Settings.

## ■ RSA (Road Sign Assist) (→P.319)

| Function | Customized setting | A | B |
|---|---|---|---|
| Road Sign Assist[*1] | • On<br>• Off | O | — |
| Speed Limit Caution[*1] | • Visual<br>• Visual and Audible<br>• Off | O | — |
| Speed Limit Caution Timing[*1, 2] | • Speed Limit +2km/h(1MPH)<br>• Speed Limit +5km/h(3MPH)<br>• Speed Limit +10km/h(5MPH) | O | — |
| Speed limit change notification[*1] | • On<br>• Off | O | — |
| No entry caution[*1] | • Visual<br>• Visual and Audible<br>• Off | O | — |

[*1]: This setting changes in accordance with My Settings.

[*2]: The customized setting varies according to country

### ■ Driver Monitor* (→P.284)

| Function | Customized setting | A | B |
|---|---|---|---|
| Driver Monitor Camera | • On<br>• Off | O | — |
| Warning sensitivity | • High<br>• Low<br>• Off | O | — |
| Driver break suggestion | • On<br>• Off | O | — |

*: If equipped

### ■ BSM (Blind Spot Monitor) (→P.349)

| Function | Customized setting | A | B |
|---|---|---|---|
| BSM (Blind Spot Monitor) | • On<br>• Off | O | — |
| Outside rear view mirror indicator brightness*1 | • Dim<br>• Bright | O | — |
| Alert timing for presence of approaching vehicle (sensitivity)*1 | • Later<br>• Default<br>• Earlier | O | — |
| Buzzer warning*1, 2 | • On<br>• Off | O | — |

*1: This setting changes in accordance with My Settings.

*2: If you set the buzzer alarm to off, the display will also be off.

### ■ Safe Exit Assist (→P.361)

| Function | Customized setting | A | B |
|---|---|---|---|
| Safe Exit Assist | • On<br>• Off | O | — |
| Detection sensitivity* | • Low<br>• Mid<br>• High | O | — |

*: This setting changes in accordance with My Settings.

## ■ Rear Vehicle Approaching Indication[*1] (→P.354)

| Function | Customized setting | A | B |
|---|---|---|---|
| Rear Vehicle Approaching Indication[*2] | • On<br>• Off | O | — |
| Alert timing for presence of approaching vehicle (sensitivity)[*2] | • Later<br>• Default<br>• Earlier | O | — |

[*1]: If equipped

[*2]: This setting changes in accordance with My Settings.

## ■ Parking Assist-Sensor[*1] (→P.366)

| Function | Customized setting | A | B |
|---|---|---|---|
| Parking Assist-Sensor[*2] | • On<br>• Off | O | — |
| Buzzer volume of Parking Assist-Sensor when operating[*2, 3] | • Soft<br>• Normal<br>• Loud | — | O |
| Distance from which the front center sensor starts detection[*4] | • Near<br>• Standard | O | — |
| Distance from which the rear center sensor starts detection[*4] | • Near<br>• Standard | O | — |
| Parking Assist-Sensor 3D display[*2, 4] | • On<br>• Off | O | — |

[*1]: If equipped

[*2]: This setting changes in accordance with My Settings.

[*3]: The sound volume is linked among the Parking Assist-Sensor, RCTA and RCD.

[*4]: For vehicles with panoramic view monitor, the setting can be changed on the panoramic view monitor settings screen. For details, refer to “Multimedia owner’s manual”.

## ■ PKSB (Parking Support Brake)[*1] (→P.384)

| Function | Customized setting | A | B |
|---|---|---|---|
| PKSB (Parking Support Brake) function[*2, 3] | • On<br>• Off | O | — |

*1: If equipped

*2: This setting changes in accordance with My Settings.

*3: Customized setting is located in different places depending on the grade, options, etc.

### ■ RCD (Rear Camera Detection)*1 (→P.381)

| Function | Customized setting | A | B |
|---|---|---|---|
| RCD (Rear Camera Detection) function | • On<br>• Off | O | — |
| Buzzer volume of RCD (Rear Camera Detection) function*2, 3 | • Soft<br>• Normal<br>• Loud | — | O |

*1: If equipped

*2: This setting changes in accordance with My Settings.

*3: The sound volume is linked among the Parking Assist-Sensor, RCTA, and RCD.

### ■ RCTA (Rear Crossing Traffic Alert) function (→P.375)

| Function | Customized setting | A | B |
|---|---|---|---|
| RCTA (Rear Crossing Traffic Alert) | • On<br>• Off | O | — |
| Buzzer volume of RCTA (Rear Crossing Traffic Alert) function operating*1, 2 | • Soft<br>• Normal<br>• Loud | — | O |

*1: This setting changes in accordance with My Settings.

*2: The sound volume is linked among the Parking Assist-Sensor, RCTA, and RCD.

### ■ Toyota Teammate Advanced Park*1 (→P.396)

| Function | Customized setting | A | B |
|---|---|---|---|
| Remote Park* | • On<br>• Off | O | — |
| Speed Profile | • Slow<br>• Standard<br>• Fast | O | — |
| Distance to objects | • Standard<br>• Far | O | — |

| Function | Customized setting | A | B |
|---|---|---|---|
| Preferred parking method | • Parallel<br>• Perpendicular | O | — |
| Preferred parking direction | • Reverse<br>• Forward | O | — |
| Preferred exit direction (perpendicular)*2 | • Right<br>• Left | O | — |
| Preferred exit direction (parallel)*2 | • Left<br>• Right | O | — |
| Parking view | • Standard<br>• Wide | O | — |
| Exit view | • Wide<br>• Standard | O | — |
| Parking Path Adjustment | • -3 (Inward) to +3 (Outward) | O | — |
| Road Width Adjustment | • Slightly narrow<br>• Narrow<br>• Standard | O | — |
| Park Position Adjustment | • -3 (Rearward) to +3 (Frontward) | O | — |
| Rear Accessory Size Setting | • 10 cm (3.9 in.)<br>• 20 cm (7.9 in.)<br>• 30 cm (11.8 in.)<br>• 40 cm (15.7 in.)<br>• Off | O | — |

*1: If equipped

*2: The default setting varies according to country.

### ■ Driving Mode Select switch (→P.426)

| Function | Customized setting | A | B |
|---|---|---|---|
| Powertrain control in custom mode | • Normal<br>• Sport<br>• Eco | O | — |
| Steering wheel control in custom mode | • Normal<br>• Sport | O | — |
| Air conditioning operation in custom mode | • Normal<br>• Eco | O | — |

■ **Automatic air conditioning system (→P.451)**

| Function | Customized setting | A | B |
|---|---|---|---|
| Switching between outside air and recirculated air mode linked to "AUTO" switch operation | • On<br>• Off | O | — |
| A/C "AUTO" switch operation | • On<br>• Off | O | — |
| Switching to the outside air mode when the vehicle is parked | • On<br>• Off | O | — |

■ **Heated steering wheel*1/front seat heaters*1/seat ventilators*1 (→P.459)**

| Function | Customized setting | A | B |
|---|---|---|---|
| Steering wheel temperature preference in automatic mode*2 | • -2 (cooler) to +2 (warmer) | O | — |
| Driver's seat temperature preference in automatic mode*2 | • -2 (cooler) to +2 (warmer) | O | — |
| Passenger's seat temperature preference in automatic mode*2 | • -2 (cooler) to +2 (warmer) | O | — |

*1: If equipped

*2: This setting changes in accordance with My Settings.

■ **Illumination (→P.462)**

| Function | Customized setting | A | B |
|---|---|---|---|
| Time elapsed before the interior lights turn off | • 7.5seconds<br>• 15seconds<br>• 30seconds | O | — |
| Ambient lighting | • On<br>• Off | O | — |
| Brightness level | • Desired brightness | O | — |

**Change the settings at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer**

| Item name | Item Description |
|---|---|
| Mechanical Key Twice Operation Door Unlock Function | Setting for the function where unlocking the driver door with the mechanical key unlocks only the driver door on the first operation and unlocks all doors on the second operation. |
| Rear Vehicle Approaching Indication Function | Function to set Rear Vehicle Approaching Indication Function. |
| Half-Door Warning Buzzer Function | Setting for sounding the buzzer when locking with the electronic key or smart operation while any door is open. |
| Rear Vehicle Approaching Indication Act Timing | Function to change Rear Vehicle Approaching Indication Activation Timing. |
| Door Mirror Indicator Brightness | Function to set brightness level of door mirror indicator. |
| Blind Spot Monitor Detection Distance | Function to set the detection distance of Blind Spot Monitor.<br>*Currently setting value “OFF” is not supported and it becomes ECU Data Write Error when it is selected. Please used “Short” or “Middle” or “Long” for setting value. |

| Item name | Item Description |
|---|---|
| Blind Spot Monitor Alert Options | Function to set to add the other warning in accordance with the indicator of Blind Spot Monitor.<br>*For setting value “Indicator + Steering Vibration”, currently steering vibration function does not activate so, please do not select it.<br>When selecting this setting, actual behavior is the same as “Indicator Only”.<br>In addition, the customize item of the Blind Spot Monitor buzzer warning displayed on the multimedia screen may change.<br>To return to the original display, please operate either below operation:<br>- Operate Blind Spot Monitor buzzer warning item.<br>- Change the setting value to “Indicator Only” or “Indicator + Buzzer”. |
| Recirculated Air/Fresh Air Intake Auto Switching | Function to Automatically Switch Between Recirculated Air and Fresh Air Intake in Response to AUTO Switch ON or Power Switch ON. |
| Auto Switch Mode | Function to Automatically Turn ON the A/C Switch When the AUTO Switch is Turned ON. |
| Auto Steering Heater Adjustment | When in Steering Heater AUTO Mode, Temperature is Set in 5 Levels. |
| Auto Seat Temperature Control (Passenger Seat) | Set the Front Passenger Seat Temperature to 5 Levels During Seat Heater/Ventilator AUTO Mode. |
| Auto Seat Temperature Control (Driver Seat) | Set the Driver Seat Temperature to 5 Levels During Seat Heater/Ventilator AUTO Mode. |

| Item name | Item Description |
|---|---|
| Smart Unlock Door Unlock Two Step Operation | When unlocking by operating the driver door handle unlock sensor, you can switch the door unlocking range depending on how you touch it:<br>Short touch: Unlock only the driver door<br>Long touch: Unlock all doors |
| Wireless Open linked Moon roof Operation Setting | Setting to choose whether the Moon roof operates sliding or tilting when the electronic key is continuously operated. |
| Mechanical Key Auto Alarm Deactivation Function | Setting for disabling the auto alarm when unlocking with the mechanical key. |
| Mechanical Key Open linked Moon roof Operation Setting | Setting linked to the mechanical key to select whether the roof performs sliding operation or tilting operation. |
| Power Back Door Buzzer Function | Settings for buzzer sounding during power back door system operation. |
| Power Back Door Buzzer Volume | Settings for buzzer volume of the power back door function. |
| Power Back Door Wireless One Motion Function | Settings for the power back door wireless one-motion function. |
| Power Back Door Close & Lock (Walk/Away) Function | Settings for enabling or disabling the Power Back Door Close & Lock (Walk-Away) function |
| Hands Free Close & Lock (Walk/Away) Function | Settings for enabling or disabling the Hands-Free Close & Lock (Walk-Away) function |
| Driver Seat Distance Adjust when getting out | Setting the movement amount when the driver seat and steering wheel automatically adjust to positions that facilitate getting in and out when the power switch is OFF. |
| Headlamp Lighting Time Extension Function | Time setting until the headlamp, turned on by passing light operation after the power switch is turned OFF, automatically turns off. |

| Item name | Item Description |
|---|---|
| Electronic Key Auto Lock Function | Setting for the function that automatically locks the door when it is not opened after unlocking with the electronic key or smart operation. |
| Light Sensor Sensitivity Adjustment | Setting the brightness sensitivity of the light sensor.<br>*The closer the setting is to “Bright”, the easier it is for the light to turn on. |
| Auto Lock Interlock Function | Setting for the function that automatically locks the doors. |
| Auto Unlock Interlock Function | Setting for the function that automatically unlocks the doors. |
| Electronic Key Auto Lock Timer Setting | Setting for the time until automatic locking occurs when the door is not opened after unlocking with the electronic key or smart operation. |
| Power Back Door Kick Sensor Sensitivity Adjust | Function to adjust the sensitivity of the power back door kick sensor. |
| Cabin Desertion Alert Function | Setting of Cabin Desertion Alert Function. |
| Wireless Twice Operation Unlock Function | Setting for the function where, when unlocked with the wireless remote, the first operation unlocks only the driver door, and the second operation unlocks all doors. |
| Hazard Lamp Answer Back Function | Setting for the function that flashes the hazard lamps when locking or unlocking with the electronic key or smart operation. |
| Mechanical Key linked Power Window Close Function | Setting the function to automatically close the windows when the mechanical key is turned continuously in the lock direction. |
| Mechanical Key linked Power Window Open Function | Setting the function to automatically open the windows when the mechanical key is turned continuously in the unlock direction. |

| Item name | Item Description |
|---|---|
| Wireless linked Power Window Close Function | Setting the function to close the windows when the lock button on the wireless remote control is pressed continuously. |
| Wireless linked Power Window Open Function | Setting the function to open the windows when the unlock button on the wireless remote control is pressed continuously. |
| Power Window Operation | Setting for the function that allows power window operation for a certain period after the power switch is set to ACC or OFF. |
| Interior Lights ON when Approached Function | Setting for interior light activation when approaching the vehicle with the electronic key. |
| Interior Lights ON when Door Unlocked Function | Setting for interior light activation linked to the unlock operation. |
| Interior Lights ON when IG OFF Function | Setting for room lamp and footwell illumination activation linked to switching the power switch from ON to OFF. |
| Upon Approach Exterior Lights ON Function | Setting of the function that turns on the exterior lights when approaching the vehicle carrying the electronic key. |
| Upon Unlock Exterior Lights ON Function | Setting of the function that turns on the exterior lights when unlocking the vehicle. |
| Power Saving Control | Function to set to prevent battery depletion of the electronic key and the vehicle when parked for an extended period.<br>*If a certain number of days has passed since the parking started, it may take longer to unlock using the Smart Entry & Start system.<br>Additionally, the illuminated interior lights may not turn on, and the customized “Automatic Unlocking Function (When Approaches)” may not operate. |

| Item name | Item Description |
|---|---|
| Smart Entry: Long Touch Time Setting Unlock Sensor | Function to Set the long touch duration for door handle unlock sensor in following cases.<br>- If the customization “Smart Unlock: Two Step Operation for Door Unlocking” is “ON”, long pressing the outside door handle of the driver’s door will unlock all doors.<br>- If the customized “Get off auto-lock function” is “ON”, and you want to temporarily cancel the operation. |
| Entry & Start Function Cancellation | Function to set to disable all Entry and Start function. |
| Digital Key: Power Saving Control | Function to set to prevent battery depletion of the electronic key and the vehicle when parked for an extended period.<br>*If a certain number of days has passed since the parking started, it may take longer to unlock using the Smart Entry & Start system.<br>Additionally, the illuminated interior lights may not turn on, and the customized “Automatic Unlocking Function (When Approaches)” may not operate. |
| Digital Key: Long Touch Time Setting Unlock Sensor | Function to Set the long touch duration for door handle unlock sensor in following cases.<br>- If the customization “Smart Unlock: Two Step Operation for Door Unlocking” is “ON”, long pressing the outside door handle of the driver’s door will unlock all doors.<br>- If the customized “Get off auto-lock function” is “ON”, and you want to temporarily cancel the operation. |
| Digital Key Function | Function to set availability of digital key function. |

| Item name | Item Description |
|---|---|
| Digital Key Radio Wave Range Setting (Start Pos) | Function to set the area which starts position determination of the digital key. |
| Digital Key Radio Wave Range Setting (Stop Pos) | Function to set the area which stops position determination of the digital key. |
| Digital Key Internal Area Setting | Function to Set the interior operation area for the digital key. |
| Digital Key External Area Setting | Function to Set the exterior operation area for the digital key. |
| Digital Key Power Saving Mode Setting | When there is no operation for a certain period of time with the digital key, setting the time to reduce battery consumption of the smartphone and the auxiliary battery of the vehicle. |
| Reverse Warning Buzzer | Setting to enable or disable the reverse warning buzzer. |
| Rear Seat Reminder Function | Setting to enable or disable the Rear Seat Reminder Function. (Rear Seat Left-Behind Prevention Function) |
| Interior Light Illumination Time Setting | Setting for the duration until the interior light automatically turns off after it has been automatically turned on. |
| Interior Light Illumination Setting | Setting to enable all functions related to the automatic illumination of the interior light. |
| Overall Interior Light Brightness Adjustment | Setting the brightness of all interior lights.<br>*Can be changed only when “Overall” is selected in the customization “Interior Light Brightness Adjustment Area Setting”. |
| Interior Welcome & Goodbye SW Setting | Setting for the function that turns on the interior light in coordination with boarding and alighting. |

■ **Vehicle customization**

- When the smart entry & start system is off, the selecting door to unlock cannot be customized.
- When the doors remain closed after unlocking the doors and the automatic door lock function is activated, the signals will be generated in accordance with the Operation signal (emergency flashers) settings.

## Items to initialize

**The following items 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 |
|---|---|---|
| Power back door* | • After reconnecting or changing the 12-volt battery<br>• After changing a fuse | P.155 |
| Outside rear view mirrors | If the 12-volt battery was discharged or has been removed and installed | P.184 |
| Power windows | • When functioning abnormally | P.185 |
| Moon roof* | | P.189 |
| Panoramic moon roof* | | P.192 |
| Parking Assist-Sensor* | If the 12-volt battery was discharged or has been removed and installed | P.368 |
| Parking Support Brake function* | | P.388 |
| RCD (Rear Camera Detection)* | | P.382 |
| RCTA (Rear Crossing Traffic Alert) | | P.377 |

*: If equipped

# Free/open source software information

## eCall

This product contains Free/Open Source Software (FOSS). The license information and/or the source code of such FOSS can be found at the following URL.

https://www.toyota-europe.com/24dcm-license

## Meter display

This product contains Free/Open Source Software (FOSS). The license information and/or the source code of such FOSS can be found at the following URL.

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

## Digital Key

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

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

https://www.aisin.com/info/digitalkey/oss/toyata_gen2/

https://www.tokai-rika.co.jp/en/products/opensource/digitalkey

## Digital Rear-view Mirror

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

https://car.panasonic.jp/oss/n03pkdl6/

## Toyota Safety Sense

This product contains Free/Open Source Software (FOSS). The license information and/or the source code of such FOSS can be found at the following URL.

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

# Index

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# What to do if... (Troubleshooting)

**If you have a problem, check the following before contacting any authorized Toyota retailer or Toyota 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 Toyota retailer or Toyota authorized repairer, or any reliable repairer. (→P.588)
- If you lose your electronic keys, the risk of vehicle theft increases significantly. Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately. (→P.588)



**The doors cannot be locked or unlocked**

- Is the key battery weak or depleted? (→P.530)
- Is the power switch in ON? When locking the doors, turn the power switch to OFF. (→P.225)
- 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.162)



**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.142)

## If you think something is wrong




**The hybrid system does not start**

- Did you press the power switch while firmly depressing the brake pedal? (→P.222)
- Is the shift position in P? (→P.222)
- Is the electronic key anywhere detectable inside the vehicle? (→P.161)
- Vehicles with steering lock function: Is the steering wheel unlocked? (→P.223)
- Is the electronic key battery weak or depleted?

In this case, the hybrid system can be started in a temporary way. (→P.590)

- Is the 12-volt battery discharged? (→P.591)



**The shift lever cannot be shifted from P even if you depress the brake pedal (vehicles with straight type shift lever)**

- Is the power switch in ON? If you cannot release the shift lever by depressing the brake pedal with the power switch in ON. (→P.231)



**The steering wheel cannot be turned after the hybrid system is stopped (vehicles with steering lock function)**

- It is locked automatically to prevent theft of the vehicle. (→P.223)



**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.187)




**The power switch is turned off automatically**

- The auto power off function will be operated if the vehicle is left in ACC or ON (the hybrid system is not operating) for a period of time. (→P.226)



**A warning buzzer sounds during driving**

- The seat belt reminder light is flashing

Are the driver and the passengers wearing the seat belts? (→P.559)

- The parking brake indicator is on

Is the parking brake released? (→P.243)

Depending on the situation, other types of warning buzzer may also sound. (→P.551, 562)



**An alarm is activated and the horn sounds (if equipped)**

- Did anyone inside the vehicle open a door during setting the alarm?
  The sensor detects it and the alarm sounds. (→P.94)

To stop the alarm, turn the power switch to ON or start the hybrid system.



**A warning buzzer sounds when leaving the vehicle**

- Is the message displayed on the multi-information display?
  Check the message on the multi-information display. (→P.562)



**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.551, 562.

## When a problem has occurred



**If you have a flat tire**

- Vehicles without spare tire:
  Stop the vehicle in a safe place and repair the flat tire temporarily with the emergency tire puncture repair kit. (→P.568)
- Vehicles with spare tire:
  Stop the vehicle in a safe place and replace the flat tire with the spare tire. (→P.579)



**The vehicle becomes stuck**

- Try the procedure for when the vehicle becomes stuck in mud, dirt, or snow. (→P.600)

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**For information regarding the equipment listed below, refer to the "Multimedia owner's manual".**

- Navigation system
- Audio system
- Toyota parking assist monitor
- Panoramic view monitor

# Certifications

## eCall and ERA-GLONASS/EVAK

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| Le soussigné, Harman Becker Automotive Systems GmbH, déclare que l'équipement radioélectrique du type DCM24_IPS 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.harman.com/compliance |
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справжнім (Harman Becker Automotive Systems GmbH) заявляє, що ти п радіообладнання (24DCM_IPS) відповідає Технічному регламенту радіообладнання;
повний текст декларації про відповідність доступний на веб-сайті за такою адресою:  http://www.harman.com/compliance

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Hereby, Harman Becker Automotive Systems GmbH declares that the radio equipment type 24DCM_IPS is in compliance with Radio Equipment Regulation SI 2017 No. 1206. The full text of the declaration of conformity is available at the following internet Address: http://www.harman.com/compliance

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Local Importer and Address
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HEATH - EPSOM
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|---|
| Harman Becker Automotive Systems GmbH potrjuje, da je tip radijske opreme DCM24_IPS skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: http://www.harman.com/compliance |
| CE |
| Harman Becker Automotive Systems GmbH<br>Becker-Goering-Strasse 16<br>76307 Karlsbad,<br>Germany |
| E24 10R-06 6587 |
| 24DCM_IPS has been tested against the SAR limit. The highest SAR value reported under this standard during product certification for use is 0,885 W/kg. This device was tested considering distances of the antennas of 0 or 20 mm to the body. |

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|---|
| Harman Becker Automotive Systems GmbH týmto vyhlasuje, že rádiové zariadenie typu DCM24_IPS je v súlade so smernicou 2014/53/EÚ. Úpln é EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: http://www.harman.com/compliance |
| CE |
| Harman Becker Automotive Systems GmbH<br>Becker-Goering-Strasse 16<br>76307 Karlsbad,<br>Germany |
| E24 10R-06 6587 |
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Becker-Goering-Strasse 16
76307 Karlsbad,
Germany




10R-06 6587

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Prin prezenta, Harman Becker Automotive Systems GmbH declară că tipul de echipamente radio DCM24_IPS este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:
http://www.harman.com/compliance

CE

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E24 10R-06 6587

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| Aš, Harman Becker Automotive Systems GmbH, patvirtinu, kad radijo į renginių tipas DCM24_IPS atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: http://www.harman.com/compliance |
| CE |
| Harman Becker Automotive Systems GmbH<br>Becker-Goering-Strasse 16<br>76307 Karlsbad,<br>Germany |
| E24 10R-06 6587 |
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Ar šo Harman Becker Automotive Systems GmbH deklarē, ka radioiekārta DCM24_IPS atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:
http://www.harman.com/compliance

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| Käesolevaga deklareerib Harman Becker Automotive Systems GmbH, et käesolev raadioseadme tüüp DCM24_IPS vastab direktiivi 2014/53/EL n õuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: http://www.harman.com/compliance |
| CE |
| Harman Becker Automotive Systems GmbH<br>Becker-Goering-Strasse 16<br>76307 Karlsbad,<br>Germany |
| E24 10R-06 6587 |
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| Hér með lýsir Harman Becker Automotive Systems GmbH því yfir að ú tvarpstækið af gerðinni DCM24_IPS er í samræmi við tilskipun 2014/53/ESB. Heildartexti ESB-samræmisyfirlýsingarinnar er að gengilegur á eftirfarandi vefslóð: http://www.harman.com/compliance |
| CE |
| Harman Becker Automotive Systems GmbH<br>Becker-Goering-Strasse 16<br>76307 Karlsbad,<br>Germany |
| E24 10R-06 6587 |
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Hiermit erklärt Harman Becker Automotive Systems GmbH, dass das Gerät mit Funkfunktion DCM24_IPS der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:
http://www.harman.com/compliance

CE

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Germany

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| Härmed försäkrar Harman Becker Automotive Systems GmbH att denna typ av radioutrustning DCM24_IPS överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:<br>http://www.harman.com/compliance |
| CE |
| Harman Becker Automotive Systems GmbH<br>Becker-Goering-Strasse 16<br>76307 Karlsbad,<br>Germany |
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| Hierbij verklaar ik, Harman Becker Automotive Systems GmbH, dat het type radioapparatuur DCM24_IPS conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: http://www.harman.com/compliance |
| CE |
| Harman Becker Automotive Systems GmbH<br>Becker-Goering-Strasse 16<br>76307 Karlsbad,<br>Germany |
| E24 10R-06 6587 |
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Harman Becker Automotive Systems GmbH niniejszym oświadcza, że typ urządzenia radiowego DCM24_IPS jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod nast ępującym adresem internetowym: http://www.harman.com/compliance

CE

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76307 Karlsbad,
Germany

E24 10R-06 6587

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|---|
| Il fabbricante, Harman Becker Automotive Systems GmbH, dichiara che il tipo di apparecchiatura radio DCM24_IPS è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: http://www.harman.com/compliance |
| CE |
| Harman Becker Automotive Systems GmbH<br>Becker-Goering-Strasse 16<br>76307 Karlsbad,<br>Germany |
| E24 10R-06 6587 |
| 24DCM_IPS has been tested against the SAR limit. The highest SAR value reported under this standard during product certification for use is 0,885 W/kg. This device was tested considering distances of the antennas of 0 or 20 mm to the body. |

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|---|
| Harman Becker Automotive Systems GmbH igazolja, hogy a DCM24_IPS típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: 2014.5.22. L 153/104 Az Európai Unió Hivatalos Lapja HU: http://www.harman.com/compliance |
| CE |
| Harman Becker Automotive Systems GmbH<br>Becker-Goering-Strasse 16<br>76307 Karlsbad,<br>Germany |
| E24 10R-06 6587 |
| 24DCM_IPS has been tested against the SAR limit. The highest SAR value reported under this standard during product certification for use is 0,885 W/kg. This device was tested considering distances of the antennas of 0 or 20 mm to the body. |

Hereby, Harman Becker Automotive Systems GmbH declares that the radio equipment type DCM24_IPS 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.harman.com/compliance

CE

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E24 10R-06 6587

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amit, Harman Becker Automotive Systems GmbH atskhadebs, rom radioap'arat'uris t'ip'i DCM24_IPS sheesabameba direkt'ivas 2014/53/EU. evrok'avshiris shesabamisobis dek'laratsiis sruli t'ekst'i khelmisats'vdomia shemdeg int'ernet' misamartze: http://www.harman.com/compliance

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E24 10R-06 6587

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| |
|---|
| So ova, Harman Becker Automotive Systems GmbH izjavuva deka radio opremata od tipot DCM24_IPS e vo soglasnost so Direktivata 2014/53/EU. Celosniot tekst na deklaracijata za soobraznost na EU e dostapen na slednata internet adresa: http://www.harman.com/compliance |
| CE |
| Harman Becker Automotive Systems GmbH<br>Becker-Goering-Strasse 16<br>76307 Karlsbad,<br>Germany |
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| |
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| So ova, Harman Becker Automotive Systems GmbH izjavuva deka radio opremata od tipot DCM24_IPS e vo soglasnost so Direktivata 2014/53/EU. Celosniot tekst na deklaracijata za soobraznost na EU e dostapen na slednata internet adresa: http://www.harman.com/compliance |
| CE |
| Harman Becker Automotive Systems GmbH<br>Becker-Goering-Strasse 16<br>76307 Karlsbad,<br>Germany |
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**Overview of technical radio values:**

| Region | Standard | Band | Max Power |
|---|---|---|---|
| EU | 2G | 8 | 25.97 dBm ± 2 dB |
| | | 3 | 22.97 dBm ± 2 dB |
| | 3G | 1 | 25 dBm ± 2 dB |
| | | 8 | 25 dBm ± 2 dB |
| | 4G | 1 | 25 dBm ± 2 dB |
| | | 3 | 25 dBm ± 2 dB |
| | | 7 | 25 dBm ± 2 dB |
| | | 8 | 25 dBm ± 2 dB |
| | | 20 | 25 dBm ± 2 dB |
| | | 28A | 25 dBm ± 2 dB |

## Battery - product information:

| | |
|---|---|
| Product category | Nickel-Metal Hydride Battery |
| Principal informations on ingredients | Positive electrode / Negative electrode / Electrolyte |
| Principal applicable legislation | EU Regulation 2023/1542 |
| Supplier's name | XIAMEN FDK CORPORATION |
| Supplier's address | No. 16, Malong Road, Huoju Garden, Huoju Hi-Tech District, Xiamen, Fujian, P.R. China |
| Supplier's web address | https://www.fdk.com |
| Importer's name | HARMAN Becker Automotive Systems GmbH |
| Importer's address | Becker-Göring-Straße 16<br>D-76307 Karlsbad, Germany |
| Importer's web / email address | www.harman.com/automotive<br>certificateEU@harman.com |
| Product Name | Nickel-metal hydride battery |
| Trade name | Toyota |
| Model name | 3HR-AATEZ-HAR |

# Battery pack specification (3HR-AATEZ-HAR)

FDK

| | |
|---|---|
| Nominal Capacity*1 (Single cell) | 1200 mAh |
| Minimum Capacity*2 (Battery pack) | 1000 mAh |
| Nominal Voltage | 3.6 V |
| Normal Charging Current*3 | 110 mA for 16 hours |
| Maximum Charging Current*3 | 200 mA for 7.5 hours |
| Normal End Voltage of Discharge | 3.00 V |
| Possible End Voltage of Discharge | 1.80 V |

*1: Nominal capacity when being discharge at 220mA until the voltage reaches to 1.00V within 1 hour after a single cell being charged for 16 hours at 110mA under the ambient temperature 15~25deg.C.

*2: Minimum capacity when being discharged at 220mA until the voltage reaches to 1.00V/cell within 1 hour after a battery pack being charged for 16 hours at 110mA under the ambient temperature 15~25deg.C.

*3: Appropriate charge control is required, Refer to the Appendix or contact to our company representative.

## Ni-MH Batteries Handling Precautions for Safe Use

**Carefully read these instructions before using Ni-MH batteries for the first time.**

For your safety and that of your customers, observe all cautionary information provided in this manual. Save this manual for future reference.
The following information is intended to highlight potential safety hazards that can be associated with the misuse, misapplication or damage of Ni-MH batteries. Please carefully evaluate the information in this section when using Ni-MH batteries (single cells or assembled batteries) or when using or manufacturing equipment incorporating Ni-MH batteries. This catalogue is not a substitute for independent evaluation of equipment incorporating Ni-MH batteries. Customers incorporating Ni-MH batteries into their equipment must assure that their completed product has been properly designed, manufactured and tested. End users of equipment incorporating Ni-MH batteries should also be provided with sufficient warnings and instructions on their safe operation. As appropriate, some or all of the following warnings and information should be incorporated into the instruction manual accompanying your equipment.
Batteries of this type are not sold to individual customers. If you wish to replace the battery in your device, please contact the store where you purchased it or the device manufacturer.

## Kick sensor

<The manufacturer's information>
- Manufacturer's name : ALPS ALPINE CO., LTD.
- Manufacturer's registered trade name : ALPS ALPINE CO., LTD.
- Manufacturer's postal address : 6-3-36, Furukawanakazato, Osaki City, Miyagi-pref., 989-6181 JAPAN

<Specification>
Frequency band(s) in which the radio equipment operates; 57 - 64GHz
- Maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates; Mean EIRP 20dBm max

<Declaration of conformity>
SIMPLIFIED EU DECLARATION OF CONFORMITY
Hereby, ALPS ALPINE CO., LTD. declares that the radio equipment type B2303 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.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf

С настоящото ALPS ALPINE CO., LTD., декларира, че този тип радиосъоръжение B2303 е в съответствие с Директива 2014/53/ЕС.
Цялостният текст на ЕС декларацията за съответствие може да се намери на след ния интернет адрес:
https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf

Tímto ALPS ALPINE CO., LTD., prohlašuje, že typ rádiového zařízení B2303 je v souladu se směrnicí 2014/53/EU.
Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:
https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf

Hermed erklærer ALPS ALPINE CO., LTD., at radioudstyrstypen B2303 er i overensstemmelse med direktiv 2014/53/EU.
EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:
https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf

| |
|---|
| Hiermit erklärt ALPS ALPINE CO., LTD., dass der Funkanlagentyp B2303 der Richtlinie 2014/53/EU entspricht.<br>Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |
| Käesolevaga deklareerib ALPS ALPINE CO., LTD., et käesolev raadioseadme tüüp B2303 vastab direktiivi 2014/53/EL nõuetele.<br>ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |
| Με την παρούσα ο/η ALPS ALPINE CO., LTD., δηλώνει ότι ο ραδιοεξοπλισμός B2303 πληροί την οδηγία 2014/53/ΕΕ.<br>Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |
| Por la presente, ALPS ALPINE CO., LTD., declara que el tipo de equipo radioeléctrico B2303 es conforme con la Directiva 2014/53/UE.<br>El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |
| Le soussigné, ALPS ALPINE CO., LTD., déclare que l'équipement radioélectrique du type B2303 est conforme à la directive 2014/53/UE.<br>Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |
| Il fabbricante, ALPS ALPINE CO., LTD., dichiara che il tipo di apparecchiatura radio B2303 è conforme alla direttiva 2014/53/UE.<br>Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |
| Ar šo ALPS ALPINE CO., LTD., deklarē, ka radioiekārta B2303 atbilst Direktīvai 2014/53/ES.<br>Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |

| |
|---|
| Aš, ALPS ALPINE CO., LTD., patvirtinu, kad radijo įrenginių tipas B2303 atitinka Direktyvą 2014/53/ES.<br>Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |
| ALPS ALPINE CO., LTD., ovime izjavljuje da je radijska oprema tipa B2303 u skladu s Direktivom 2014/53/EU.<br>Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |
| ALPS ALPINE CO., LTD., igazolja, hogy a B2303 típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.<br>Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |
| B'dan, ALPS ALPINE CO., LTD., niddikjara li dan it-tip ta' tagħmir tar-radju B2303 huwa konformi mad-Direttiva 2014/53/UE.<br>It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |
| Hierbij verklaar ik, ALPS ALPINE CO., LTD., dat het type radioapparatuur B2303 conform is met Richtlijn 2014/53/EU.<br>De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |
| ALPS ALPINE CO., LTD., niniejszym oświadcza, że typ urządzenia radiowego B2303 jest zgodny z dyrektywą 2014/53/UE.<br>Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |
| O(a) abaixo assinado(a) ALPS ALPINE CO., LTD., declara que o presente tipo de equipamento de rádio B2303 está em conformidade com a Diretiva 2014/53/UE.<br>O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |

| |
|---|
| Prin prezenta, ALPS ALPINE CO., LTD., declară că tipul de echipamente radio B2303 este în conformitate cu Directiva 2014/53/UE.<br>Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |
| ALPS ALPINE CO., LTD., týmto vyhlasuje, že rádiové zariadenie typu B2303 je v súlade so smernicou 2014/53/EÚ.<br>Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |
| ALPS ALPINE CO., LTD., potrjuje, da je tip radijske opreme B2303 skladen z Direktivo 2014/53/EU.<br>Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |
| ALPS ALPINE CO., LTD., vakuuttaa, että radiolaitetyyppi B2303 on direktiivin 2014/53/EU mukainen.<br>EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |
| Härmed försäkrar ALPS ALPINE CO., LTD., att denna typ av radioutrustning B2303 ö verensstämmer med direktiv 2014/53/EU.<br>Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |
| Dearbhaíonn ALPS ALPINE CO., LTD. leis seo go bhfuil an cineál trealaimh raidió B2303 in oiriúint le Treoir 2014/53/AE.<br>Tá téacs iomlán an Dearbhaithe Comhréireachta AE le fáil ag an seoladh ldirlín seo a leanas:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |
| Heimatter deklaréiert ALPS ALPINE CO., LTD., datt d'Funkanlage vum Typ B2303 konform mat der Direktiv 2014/53/EU sinn.<br>Den integralen Text vun der EU-Konformitéitserklärung ass op folgender Internetadress ze fannen:<br>https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf |

<The manufacturer's information>
- Manufacturer's name : ALPS ALPINE CO., LTD.
- Manufacturer's registered trade name : ALPS ALPINE CO., LTD.
- Manufacturer's postal address : 6-3-36, Furukawanakazato, Osaki City, Miyagi-pref., 989-6181 JAPAN

<Specification>
Frequency band(s) in which the radio equipment operates; 57 - 64GHz
Maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates; Mean EIRP 20dBm max

<Declaration of Conformity>
SIMPLIFIED DECLARATION OF CONFORMITY
Hereby, ALPS ALPINE CO., LTD., declares that the radio equipment type B2303 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.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf

<Інформація про виробника>
- Назва виробника : ALPS ALPINE CO., LTD.
- Зареєстрована торгова назва виробника : ALPS ALPINE CO., LTD.
- Поштова адреса виробника : 6-3-36, Furukawanakazato, Osaki City, Miyagi-pref., 989-6181 JAPAN

<Специфікація>
Діапазон робочих Частот : 57 - 64 ГГц
Максимальна вихідна потужність : Середній EIRP 20 дБм макс

<Декларація про відповідність>
Цим компанія ALPS ALPINE CO., LTD. заявляє, що радіообладнання типу B2303 від повідає вимогам постанови Кабінету Міністрів України № 355.
Повний текст декларації про відповідність доступний на веб-сайті за такою адресо ю: https://www.alpsalpine.com/common/pdf/ukraine/Kick_Sensor/B2303.pdf

<Informațiile producătorului>
- Numele producătorului : ALPS ALPINE CO., LTD.
- Denumirea comercială înregistrată a producătorului : ALPS ALPINE CO., LTD.
- Adresa poștală a producătorului : 6-3-36, Furukawanakazato, Osaki City, Miyagi-pref., 989-6181 JAPAN

<Specificații>
Benzile de frecvență în care funcționează echipamentul radio; 57 - 64GHz
Putere maximă de ieșire; EIRP medie 20dBm max

<Declarația de conformitate>
Prin prezenta, ALPS ALPINE CO., LTD., declară că tipul de echipamente radio B2303 este în conformitate cu Reglementarea tehnică „Punerea la dispoziție pe piață a echipamentelor radio".
Textul integral al declarației de conformitate este disponibil la următoarea adresă de Internet:
https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf

<მწარმოებლის ინფორმაცია>
მწარმოებლის დასახელება : ALPS ALPINE CO., LTD.
მწარმოებლის რეგისტრირებული სავაჭრო დასახელება : ALPS ALPINE CO., LTD.
მწარმოებლის საფოსტო მისამართი : იაპონია, მიაგი-პრეფექტურა, ოსაკი-ქალაქი, ფურუკავანაკაზატო, 6-3-36, 989-6181

<სპეციფიკაცია>
სიხშირის დიაპაზონი(ები), რომლებშიც მუშაობს რადიომოწყობილობა; 57 - 64 გჰც
მაქსიმალური რადიოსიხშირული სიმძლავრე გადაცემული სიხშირის დიაპაზონ(ებ)ში, რომლებშიც მუშაობს რადიო მოწყობილობა; საშუალო EIRP 20 dBm მაქს

<შესაბამისობის დეკლარაცია>
წინამდებარე დეკლარაციით, ALPS ALPINE CO., LTD., ვაცხადებ, რომ რადიომოწყობილობის ტიპი B2303 შეესაბამება რადიომოწყობილობის შესახებ ტექნიკური რეგლამენტის მოთხოვნებს. შესაბამისობის დეკლარაციის სრული ტექსტი ხელმისაწვდომია შემდეგ ინტერნეტმისამართზე:
https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf

Название модели : B2303
Производитель : ALPS ALPINE CO., LTD.
Страна происхождения : Япония

<Функциональная спецификация>
целевое использование : Датчик обнаружения объектов
Диапазон частот : 57 - 64GHz
Рабочее напряжение питания : 9V to 16V

И 038 25

<Информације о произвођачу>
- Назив произвођача : ALPS ALPINE CO., LTD.
- Регистровани трговачки назив произвођача : ALPS ALPINE CO., LTD.
- Поштанска адреса произвођача : 6-3-36, Furukawanakazato, Osaki-city, Miyagi-pref., JAPAN 989-6181

<Спецификација>
Фреквенцијски опсег (и) у којем ради радио опрема : 57 - 64GHz
Максимална снага радио-фреквенције : Mean EIRP 20dBm max

<Декларација о усаглашености>
ПОЈЕДНОСТАВЉЕНА ЕУ ДЕКЛАРАЦИЈА ЕУ О УСАГЛАШЕНОСТИ
Овим путем, ALPS ALPINE CO., LTD. изјављује да је тип радио-опреме B2303 у скла ду са захтевима следећих прописа: ПРАВИЛНИК о радио-опреми "Службени гласни к РС", број 24 од 22. марта 2024.
Потпун текст декларације о усаглашености доступан је на следећој интернет адрес и: https://www.alpsalpine.com/common/pdf/Kick_Sensor/B2303.pdf

מספר זיהוי היבואן:511487761

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.

## Digital Key system

Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type NC2A2A2 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: 13.56MHz
Maximum radio-frequency power: 50μW(at 10m)

TOKAI RIKA CO., LTD. vakuuttaa, että radiolaitetyyppi NC2A2A2 on direktiivin 2014/53/EU mukainen.

EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:
http://www.tokai-rika.co.jp/pc

Radiotaajuus: 13.56MHz
suurin mahdollinen lähetysteho: 50μW(at 10m)

Hierbij verklaar ik, TOKAI RIKA CO., LTD., dat het type radioapparatuur NC2A2A2 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: 13.56MHz
Maximaal radiofrequentievermogen: 50μW(at 10m)

Le soussigné, TOKAI RIKA CO., LTD., déclare que l'équipement radioélectrique du type NC2A2A2 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: 13.56MHz
Puissance de radiofréquence maximale: 50μW(at 10m)

Härmed försäkrar TOKAI RIKA CO., LTD. att denna typ av radioutrustning NC2A2A2 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: 13.56MHz
Maximal radiofrekvenseffekt: 50μW(at 10m)

Hermed erklærer TOKAI RIKA CO., LTD., at radioudstyrstypen NC2A2A2 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: 13.56MHz
Maksimal radiofrekvenseffekt: 50μW(at 10m)

Hiermit erklärt TOKAI RIKA CO., LTD., dass der Funkanlagentyp NC2A2A2 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: 13.56MHz
Abgestrahlte maximale Sendeleistung: 50μW(at 10m)

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Με την παρούσα ο/η TOKAI RIKA CO., LTD., δηλώνει ότι ο ραδιοεξοπλισμός NC2A2A2 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: 13.56MHz
Μέγιστη ισχύς ραδιοσυχνότητας: 50μW(at 10m)

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Il fabbricante, TOKAI RIKA CO., LTD., dichiara che il tipo di apparecchiatura radio NC2A2A2 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: 13.56MHz
Potenza massima radiofrequenza: 50μW(at 10m)

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Por la presente, TOKAI RIKA CO., LTD. declara que el tipo de equipo radioeléctrico NC2A2A2 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: 13.56MHz
Potencia máxima de radiofrecuencia: 50μW(at 10m)

O(a) abaixo assinado(a) TOKAI RIKA CO., LTD. declara que o presente tipo de equipamento de rádio NC2A2A2 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: 13.56MHz
Potência máxima de radiofrequências: 50μW(at 10m)

B'dan, TOKAI RIKA CO., LTD., niddikjara li dan it-tip ta' tagħmir tar-radju NC2A2A2 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: 13.56MHz
Hámarks útvarpsbylgjutíðni: 50μW(at 10m)

Käesolevaga deklareerib TOKAI RIKA CO., LTD., et käesolev raadioseadme tüüp NC2A2A2 vastab direktiivi 2014/53/EL nõuetele.

ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:
http://www.tokai-rika.co.jp/pc

Sagedusriba: 13.56MHz
Maksimaalne saatevõimsus: 50μW(at 10m)

TOKAI RIKA CO., LTD. igazolja, hogy a NC2A2A2 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: 13.56MHz
Maximális jelerősség: 50μW(at 10m)

TOKAI RIKA CO., LTD. týmto vyhlasuje, že rádiové zariadenie typu NC2A2A2 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: 13.56MHz
Maximálny rádiofrekvenčný výkon: 50μW(at 10m)

Tímto TOKAI RIKA CO., LTD. prohlašuje, že typ rádiového zařízení NC2A2A2 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: 13.56MHz
Maximální radiofrekvenční výkon: 50μW(at 10m)

TOKAI RIKA CO., LTD. potrjuje, da je tip radijske opreme NC2A2A2 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: 13.56MHz
Največja moč radijske frekvence: 50μW(at 10m)

Aš, TOKAI RIKA CO., LTD., patvirtinu, kad radijo įrenginių tipas NC2A2A2 atitinka Direktyvą 2014/53/ES.

Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:
http://www.tokai-rika.co.jp/pc

Dažnių juosta: 13.56MHz
Didžiausia radijo dažnių galia: 50μW(at 10m)

Ar šo TOKAI RIKA CO., LTD. deklarē, ka radioiekārta NC2A2A2 atbilst Direktīvai 2014/53/ES.

Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:
http://www.tokai-rika.co.jp/pc

Frekvenču josla: 13.56MHz
Maksimālā radiofrekvenču jauda: 50μW(at 10m)

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TOKAI RIKA CO., LTD. niniejszym oświadcza, że typ urządzenia radiowego NC2A2A2 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: 13.56MHz
Maksymalna moc częstotliwości radiowej: 50μW(at 10m)

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TOKAI RIKA CO., LTD. lýsir því hér með yfir að fjarskiptatækið af gerð NC2A2A2 er í samræmi við tilskipun 2014/53/EU.

Öll ESB-samræmisyfirlýsingin er tiltæk á eftirfarandi vefslóð:
http://www.tokai-rika.co.jp/pc

Tíðnisvið: 13.56MHz
Hámarks útvarpsbylgjutíðni: 50μW(at 10m)

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TOKAI RIKA CO., LTD. erklærer herved at radioutstyrtypen NC2A2A2 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: 13.56MHz
Maksimal radiofrekvenseffekt: 50μW(at 10m)

С настоящото TOKAI RIKA CO., LTD. декларира, че този тип радиосъоръжение NC2A2A2 е в съответствие с Директива 2014/53/EC.

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

Радиочестотна лента: 13.56MHz
Максимална радиочестотна мощност: 50μW(at 10m)

Prin prezenta, TOKAI RIKA CO., LTD. declară că tipul de echipamente radio NC2A2A2 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: 13.56MHz
Puterea maximă de radiofrecvență: 50μW(at 10m)

Ovime TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa NC2A2A2 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: 13.56MHz
Maksimalna radio-frekvencijska snaga: 50μW(at 10m)

Me anë të këtij dokumenti, TOKAI RIKA CO., LTD. deklaron se tipi i radiopajisjes NC2A2A2 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: 13.56MHz
Fuqia maksimale e radiofrekuencës: 50μW(at 10m)

TOKAI RIKA CO., LTD. ovime izjavljuje da je radijska oprema tipa NC2A2A2 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: 13.56MHz
Maksimalna RF snaga: 50μW(at 10m)

Ovim TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa NC2A2A2 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: 13.56MHz
Maksimalna radio-frekventna snaga: 50μW(at 10m)

TOKAI RIKA CO., LTD., işbu belgeyle telsiz cihazı türünün NC2A2A2 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: 13.56MHz
Maksimum radyo frekans gücü: 50μW(at 10m)

CE

Address: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type NC2A2A2 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: 13.56MHz
Maximum radio-frequency power: 50μW(at 10m)

UK
CA

Address: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

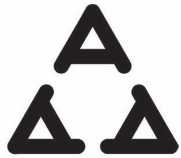
Prin prezenta, TOKAI RIKA CO., LTD. declară că tipul de echipamente radio NC2A2A2 este în conformitate cu Reglementarea tehnică "Punerea la dispoziție pe piață a echipamentelor radio".

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

Banda de frecvență: 13.56MHz
Puterea maximă de radiofrecvență: 50μW(at 10m)

CE

Abordare: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan



И 005 25

EU

Model: 17EAE
Operation frequency: 2400 to 2483.5 MHz
Maximum output power: 3.2 mW or less

Manufacturer: DENSO CORPORATION
Address: 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661
Japan

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| Hereby, DENSO CORPORATION declares that the radio equipment type is in compliance with Directive 2014/53/EU.<br>The full text of the EU declaration of conformity is available at the following internet address:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| DENSO CORPORATION vakuuttaa, että radiolaitetyyppi on direktiivin 2014/53/EU mukainen.<br>EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| Hierbij verklaar ik, DENSO CORPORATION, dat het type radioapparatuur conform is met Richtlijn 2014/53/EU.<br>De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| Le soussigné, DENSO CORPORATION, déclare que l'équipement radioélectrique du type est conforme à la directive 2014/53/UE.<br>Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| Härmed försäkrar DENSO CORPORATION att denna typ av radioutrustning överensstämmer med direktiv 2014/53/EU.<br>Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| Hermed erklærer DENSO CORPORATION, at radioudstyrstypen er i overensstemmelse med direktiv 2014/53/EU.<br>EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| Hiermit erklärt DENSO CORPORATION, dass der Funkanlagentyp der Richtlinie 2014/53/EU entspricht.<br>Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |

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|---|
| 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://contact-us.denso.com/form/global/en/contact-us/doc/ |
| Il fabbricante, DENSO CORPORATION, dichiara che il tipo di apparecchiatura radio è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| Por la presente, DENSO CORPORATION declara que el tipo de equipo radioeléctrico es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| O(a) abaixo assinado(a) DENSO CORPORATION declara que o presente tipo de equipamento de rádio está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| B'dan, DENSO CORPORATION, niddikjara li dan it-tip ta' tagħmir tar-radju huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| Käesolevaga deklareerib DENSO CORPORATION, et käesolev raadioseadme tüüp vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| DENSO CORPORATION igazolja, hogy a típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: https://contact-us.denso.com/form/global/en/contact-us/doc/ |

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| DENSO CORPORATION týmto vyhlasuje, že rádiové zariadenie typu je v súlade so smernicou 2014/53/EÚ.<br>Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| Tímto DENSO CORPORATION prohlašuje, že typ rádiového zařízení je v souladu se směrnicí 2014/53/EU.<br>Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| DENSO CORPORATION potrjuje, da je tip radijske opreme skladen z Direktivo 2014/53/EU.<br>Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| Aš, DENSO CORPORATION, patvirtinu, kad radijo įrenginių tipas atitinka Direktyvą 2014/53/ES.<br>Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| Ar šo DENSO CORPORATION deklarē, ka radioiekārta atbilst Direktīvai 2014/53/ES.<br>Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| DENSO CORPORATION niniejszym oświadcza, że typ urządzenia radiowego jest zgodny z dyrektywą 2014/53/UE.<br>Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| Hér með lýsir DENSO CORPORATION yfir því að er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU.<br>Samræmisyfirlýsing er einnig aðgengileg á eftirfarandi vefslóð:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |

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| DENSO CORPORATION erklærer at er i overensstemmelse med direktiv 2014/53/EU.<br>Samsvarserklæringen i fulltekst er tilgjengelig på følgende internettadresse:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| С настоящото DENSO CORPORATION декларира, че този тип радиосъоръжение е в съответствие с Директива 2014/53/ЕС.<br>Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| Prin prezenta, DENSO CORPORATION declară că tipul de echipamente radio este în conformitate cu Directiva 2014/53/UE.<br>Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| DENSO CORPORATION ovime izjavljuje da je radijska oprema tipa u skladu s Direktivom 2014/53/EU.<br>Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| Овиме, DENSO CORPORATION изјављује да је радио опрема тип усаглашена са Директивом 2014/53/EU.<br>Цео текст ЕУ декларације о усаглашености доступам је на следећој интернет адреси:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| Amb aquest document, DENSO CORPORATION declara que el tipus d'equipament radioelèctric es conforme a la Directiva 2014/53/UE.<br>El text complet de la declaració UE de conformitat està disponible en la següent adreça d'Internet:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| İşbu belge; DENSO CORPORATION telsiz ekipmanı tipinin 2014/53/AB sayılı Direktif'e uygun olduğunu beyan eder.<br>AB uygunluk beyanının tam metni aşağıdaki internet adresinde mevcuttur:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |

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| Me anë të kësaj deklaratë, subjekti DENSO CORPORATION deklaron se pajisjet radio është në përputhje me këtë rregull teknik për pajisjet radio dhe fundore të komunikimeve elektronike.<br>Teksti i plotë i Deklaratës së Konformitetit është i disponueshëm në adresën e mëposhtme të internetit:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |
| Prin prezenta, DENSO CORPORATION declară că tipul de echipamente radio este în conformitate cu Reglementarea tehnică „Punerea la dispoziție pe piață a echipamentelor radio”.<br>Textul integral al declarației de conformitate este disponibil la următoarea adresă de Internet:<br>https://contact-us.denso.com/form/global/en/contact-us/doc/ |

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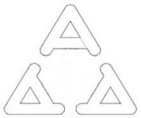
Модел: 17EAE
Радна фреквенција: 2400 до 2483.5 MHz
Максимална излазна снага (ERP): 3.2 mW или мање

Произвођач: DENSO CORPORATION
Адреса: 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661
Japan

Овиме, DENSO CORPORATION изјављује да је радио опрема тип усаглашена са Директивом 2014/53/EU.
Цео текст ЕУ декларације о усаглашености доступам је на следећој интернет адреси:
https://contact-us.denso.com/form/global/en/contact-us/doc

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Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type TRUM24E1 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:
http://www.tokai-rika.co.jp/pc

Frequency band: 6.0 - 8.5 GHz
Maximum radio-frequency power: peak 0dBm/50MHz(EIRP)

TOKAI RIKA CO., LTD. vakuuttaa, että radiolaitetyyppi TRUM24E1 on direktiivin 2014/53/EU mukainen.

EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:
http://www.tokai-rika.co.jp/pc

Radiotaajuus: 6.0 - 8.5 GHz
suurin mahdollinen lähetysteho: peak 0dBm/50MHz(EIRP)

Hierbij verklaar ik, TOKAI RIKA CO., LTD., dat het type radioapparatuur TRUM24E1 conform is met Richtlijn 2014/53/EU.

De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:
http://www.tokai-rika.co.jp/pc

Frequentieband: 6.0 - 8.5 GHz
Maximaal radiofrequentievermogen: peak 0dBm/50MHz(EIRP)

Le soussigné, TOKAI RIKA CO., LTD., déclare que l'équipement radioélectrique du type TRUM24E1 est conforme à la directive 2014/53/UE.

Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:
http://www.tokai-rika.co.jp/pc

Bande de fréquences: 6.0 - 8.5 GHz
Puissance de radiofréquence maximale: peak 0dBm/50MHz(EIRP)

Härmed försäkrar TOKAI RIKA CO., LTD. att denna typ av radioutrustning TRUM24E1 överensstämmer med direktiv 2014/53/EU.

Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:
http://www.tokai-rika.co.jp/pc

Frekvensband: 6.0 - 8.5 GHz
Maximal radiofrekvenseffekt: peak 0dBm/50MHz(EIRP)

Hermed erklærer TOKAI RIKA CO., LTD., at radioudstyrstypen TRUM24E1 er i overensstemmelse med direktiv 2014/53/EU.

EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:
http://www.tokai-rika.co.jp/pc

Frekvensbånd: 6.0 - 8.5 GHz
Maksimal radiofrekvenseffekt: peak 0dBm/50MHz(EIRP)

Hiermit erklärt TOKAI RIKA CO., LTD., dass der Funkanlagentyp TRUM24E1 der Richtlinie 2014/53/EU entspricht.

Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:
http://www.tokai-rika.co.jp/pc

Frequenzband: 6.0 - 8.5 GHz
Abgestrahlte maximale Sendeleistung: peak 0dBm/50MHz(EIRP)

Με την παρούσα ο/η TOKAI RIKA CO., LTD., δηλώνει ότι ο ραδιοεξοπλισμός TRUM24E1 πληροί την οδηγία 2014/53/ΕΕ.

Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:
http://www.tokai-rika.co.jp/pc

Ζώνη συχνοτήτων: 6.0 - 8.5 GHz
Μέγιστη ισχύς ραδιοσυχνότητας: peak 0dBm/50MHz(EIRP)

Il fabbricante, TOKAI RIKA CO., LTD., dichiara che il tipo di apparecchiatura radio TRUM24E1 è conforme alla direttiva 2014/53/UE.

Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:
http://www.tokai-rika.co.jp/pc

Banda di frequenza: 6.0 - 8.5 GHz
Potenza massima radiofrequenza: peak 0dBm/50MHz(EIRP)

Por la presente, TOKAI RIKA CO., LTD. declara que el tipo de equipo radioeléctrico TRUM24E1 es conforme con la Directiva 2014/53/UE.

El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:
http://www.tokai-rika.co.jp/pc

Banda de frecuencia: 6.0 - 8.5 GHz
Potencia máxima de radiofrecuencia: peak 0dBm/50MHz(EIRP)

O(a) abaixo assinado(a) TOKAI RIKA CO., LTD. declara que o presente tipo de equipamento de rádio TRUM24E1 está em conformidade com a Diretiva 2014/53/UE.

O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:
http://www.tokai-rika.co.jp/pc

Banda de frequência: 6.0 - 8.5 GHz
Potência máxima de radiofrequências: peak 0dBm/50MHz(EIRP)

B'dan, TOKAI RIKA CO., LTD., niddikjara li dan it-tip ta' tagħmir tar-radju TRUM24E1 huwa konformi mad-Direttiva 2014/53/UE.

It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej:
http://www.tokai-rika.co.jp/pc

Tíðnisvið: 6.0 - 8.5 GHz
Hámarks útvarpsbylgjutíðni: peak 0dBm/50MHz(EIRP)

Käesolevaga deklareerib TOKAI RIKA CO., LTD., et käesolev raadioseadme tüüp TRUM24E1 vastab direktiivi 2014/53/EL nõuetele.

ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:
http://www.tokai-rika.co.jp/pc

Sagedusriba: 6.0 - 8.5 GHz
Maksimaalne saatevõimsus: peak 0dBm/50MHz(EIRP)

TOKAI RIKA CO., LTD. igazolja, hogy a TRUM24E1 típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.

Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:
http://www.tokai-rika.co.jp/pc

Frekvenciasáv: 6.0 - 8.5 GHz
Maximális jelerősség: peak 0dBm/50MHz(EIRP)

TOKAI RIKA CO., LTD. týmto vyhlasuje, že rádiové zariadenie typu TRUM24E1 je v súlade so smernicou 2014/53/EÚ.

Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:
http://www.tokai-rika.co.jp/pc

Frekvenčné pásmo: 6.0 - 8.5 GHz
Maximálny rádiofrekvenčný výkon: peak 0dBm/50MHz(EIRP)

Tímto TOKAI RIKA CO., LTD. prohlašuje, že typ rádiového zařízení TRUM24E1 je v souladu se směrnicí 2014/53/EU.

Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:
http://www.tokai-rika.co.jp/pc

Kmitočtové pásmo: 6.0 - 8.5 GHz
Maximální radiofrekvenční výkon: peak 0dBm/50MHz(EIRP)

TOKAI RIKA CO., LTD. potrjuje, da je tip radijske opreme TRUM24E1 skladen z Direktivo 2014/53/EU.

Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:
http://www.tokai-rika.co.jp/pc

Frekvenčni pas: 6.0 - 8.5 GHz
Največja moč radijske frekvence: peak 0dBm/50MHz(EIRP)

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| Aš, TOKAI RIKA CO., LTD., patvirtinu, kad radijo įrenginių tipas TRUM24E1 atitinka Direktyvą 2014/53/ES.<br><br>Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:<br>http://www.tokai-rika.co.jp/pc<br><br>Dažnių juosta: 6.0 - 8.5 GHz<br>Didžiausia radijo dažnių galia: peak 0dBm/50MHz(EIRP) |
| Ar šo TOKAI RIKA CO., LTD. deklarē, ka radioiekārta TRUM24E1 atbilst Direktīvai 2014/53/ES.<br><br>Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:<br>http://www.tokai-rika.co.jp/pc<br><br>Frekvenču josla: 6.0 - 8.5 GHz<br>Maksimālā radiofrekvenču jauda: peak 0dBm/50MHz(EIRP) |
| TOKAI RIKA CO., LTD. niniejszym oświadcza, że typ urządzenia radiowego TRUM24E1 jest zgodny z dyrektywą 2014/53/UE.<br><br>Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:<br>http://www.tokai-rika.co.jp/pc<br><br>Zakres częstotliwości: 6.0 - 8.5 GHz<br>Maksymalna moc częstotliwości radiowej: peak 0dBm/50MHz(EIRP) |
| TOKAI RIKA CO., LTD. lýsir því hér með yfir að fjarskiptatækið af gerð TRUM24E1 er í samræmi við tilskipun 2014/53/EU.<br><br>Öll ESB-samræmisyfirlýsingin er tiltæk á eftirfarandi vefslóð:<br>http://www.tokai-rika.co.jp/pc<br><br>Tíðnisvið: 6.0 - 8.5 GHz<br>Hámarks útvarpsbylgjutíðni: peak 0dBm/50MHz(EIRP) |

TOKAI RIKA CO., LTD. erklærer herved at radioutstyrtypen TRUM24E1 er i samsvar med direktivet 2014/53/EU.

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

Frekvensbånd: 6.0 - 8.5 GHz
Maksimal radiofrekvenseffekt: peak 0dBm/50MHz(EIRP)

С настоящото TOKAI RIKA CO., LTD. декларира, че този тип радиосъоръжение TRUM24E1 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: 6.0 - 8.5 GHz
Максимална радиочестотна мощност: peak 0dBm/50MHz(EIRP)

Prin prezenta, TOKAI RIKA CO., LTD. declară că tipul de echipamente radio TRUM24E1 este în conformitate cu Directiva 2014/53/UE.

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

Banda de frecvență: 6.0 - 8.5 GHz
Puterea maximă de radiofrecvență: peak 0dBm/50MHz(EIRP)

Ovime TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa TRUM24E1 u skladu sa Direktivom 2014/53/EU.

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

Frekvencijski opseg: 6.0 - 8.5 GHz
Maksimalna radio-frekvencijska snaga: peak 0dBm/50MHz(EIRP)

Me anë të këtij dokumenti, TOKAI RIKA CO., LTD. deklaron se tipi i radiopajisjes TRUM24E1 është në përputhje me Direktivën 2014/53/EU.

Teksti i plotë i deklaratës së konformitetit të Bashkimit Evropian është i disponueshëm në adresën e mëposhtme të internetit:
http://www.tokai-rika.co.jp/pc

Brezi i frekuencës: 6.0 - 8.5 GHz
Fuqia maksimale e radiofrekuencës: peak 0dBm/50MHz(EIRP)

TOKAI RIKA CO., LTD. ovime izjavljuje da je radijska oprema tipa TRUM24E1 u skladu s Direktivom 2014/53/EU.

Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:
http://www.tokai-rika.co.jp/pc

Frekvencijski pojas: 6.0 - 8.5 GHz
Maksimalna RF snaga: peak 0dBm/50MHz(EIRP)

Ovim TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa TRUM24E1 u skladu sa Direktivom 2014/53/EU.

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

Frekventni opseg: 6.0 - 8.5 GHz
Maksimalna radio-frekventna snaga: peak 0dBm/50MHz(EIRP)

TOKAI RIKA CO., LTD., işbu belgeyle telsiz cihazı türünün TRUM24E1 2014/53/EU nolu Direktif ile uyumlu olduğunu beyan etmektedir.

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

Frekans bandı: 6.0 - 8.5 GHz
Maksimum radyo frekans gücü: peak 0dBm/50MHz(EIRP)

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Address: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type TRUM24E1 is in compliance with Radio Equipment Regulations 2017.

The full text of the UK declaration of conformity is available at the following internet address:
http://www.tokai-rika.co.jp/pc

Frequency band: 6.0 - 8.5 GHz
Maximum radio-frequency power: 0dBm/50MHz(EIRP)

UK CA

Address: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

Prin prezenta, TOKAI RIKA CO., LTD. declară că tipul de echipamente radio TRUM24E1 este în conformitate cu Reglementarea tehnică "Punerea la dispoziție pe piață a echipamentelor radio".

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

Banda de frecvență: 6.0 - 8.5 GHz
Puterea maximă de radiofrecvență:peak 0dBm/50MHz(EIRP)

CE

Abordare: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan




Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type TRUS24E1 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:
http://www.tokai-rika.co.jp/pc

Frequency band: 6.0 - 8.5 GHz
Maximum radio-frequency power: peak 0dBm/50MHz(EIRP)

TOKAI RIKA CO., LTD. vakuuttaa, että radiolaitetyyppi TRUS24E1 on direktiivin 2014/53/EU mukainen.

EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:
http://www.tokai-rika.co.jp/pc

Radiotaajuus: 6.0 - 8.5 GHz
suurin mahdollinen lähetysteho: peak 0dBm/50MHz(EIRP)

Hierbij verklaar ik, TOKAI RIKA CO., LTD., dat het type radioapparatuur TRUS24E1 conform is met Richtlijn 2014/53/EU.

De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:
http://www.tokai-rika.co.jp/pc

Frequentieband: 6.0 - 8.5 GHz
Maximaal radiofrequentievermogen: peak 0dBm/50MHz(EIRP)

Le soussigné, TOKAI RIKA CO., LTD., déclare que l'équipement radioélectrique du type TRUS24E1 est conforme à la directive 2014/53/UE.

Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:
http://www.tokai-rika.co.jp/pc

Bande de fréquences: 6.0 - 8.5 GHz
Puissance de radiofréquence maximale: peak 0dBm/50MHz(EIRP)

Härmed försäkrar TOKAI RIKA CO., LTD. att denna typ av radioutrustning TRUS24E1 överensstämmer med direktiv 2014/53/EU.

Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:
http://www.tokai-rika.co.jp/pc

Frekvensband: 6.0 - 8.5 GHz
Maximal radiofrekvenseffekt: peak 0dBm/50MHz(EIRP)

Hermed erklærer TOKAI RIKA CO., LTD., at radioudstyrstypen TRUS24E1 er i overensstemmelse med direktiv 2014/53/EU.

EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:
http://www.tokai-rika.co.jp/pc

Frekvensbånd: 6.0 - 8.5 GHz
Maksimal radiofrekvenseffekt: peak 0dBm/50MHz(EIRP)

Hiermit erklärt TOKAI RIKA CO., LTD., dass der Funkanlagentyp TRUS24E1 der Richtlinie 2014/53/EU entspricht.

Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:
http://www.tokai-rika.co.jp/pc

Frequenzband: 6.0 - 8.5 GHz
Abgestrahlte maximale Sendeleistung: peak 0dBm/50MHz(EIRP)

Με την παρούσα ο/η TOKAI RIKA CO., LTD., δηλώνει ότι ο ραδιοεξοπλισμός TRUS24E1 πληροί την οδηγία 2014/53/ΕΕ.

Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:
http://www.tokai-rika.co.jp/pc

Ζώνη συχνοτήτων: 6.0 - 8.5 GHz
Μέγιστη ισχύς ραδιοσυχνότητας: peak 0dBm/50MHz(EIRP)

Il fabbricante, TOKAI RIKA CO., LTD., dichiara che il tipo di apparecchiatura radio TRUS24E1 è conforme alla direttiva 2014/53/UE.

Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:
http://www.tokai-rika.co.jp/pc

Banda di frequenza: 6.0 - 8.5 GHz
Potenza massima radiofrequenza: peak 0dBm/50MHz(EIRP)

Por la presente, TOKAI RIKA CO., LTD. declara que el tipo de equipo radioeléctrico TRUS24E1 es conforme con la Directiva 2014/53/UE.

El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:
http://www.tokai-rika.co.jp/pc

Banda de frecuencia: 6.0 - 8.5 GHz
Potencia máxima de radiofrecuencia: peak 0dBm/50MHz(EIRP)

O(a) abaixo assinado(a) TOKAI RIKA CO., LTD. declara que o presente tipo de equipamento de rádio TRUS24E1 está em conformidade com a Diretiva 2014/53/UE.

O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:
http://www.tokai-rika.co.jp/pc

Banda de frequência: 6.0 - 8.5 GHz
Potência máxima de radiofrequências: peak 0dBm/50MHz(EIRP)

B'dan, TOKAI RIKA CO., LTD., niddikjara li dan it-tip ta' tagħmir tar-radju TRUS24E1 huwa konformi mad-Direttiva 2014/53/UE.

It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej:
http://www.tokai-rika.co.jp/pc

Tíðnisvið: 6.0 - 8.5 GHz
Hámarks útvarpsbylgjutíðni: peak 0dBm/50MHz(EIRP)

Käesolevaga deklareerib TOKAI RIKA CO., LTD., et käesolev raadioseadme tüüp TRUS24E1 vastab direktiivi 2014/53/EL nõuetele.

ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:
http://www.tokai-rika.co.jp/pc

Sagedusriba: 6.0 - 8.5 GHz
Maksimaalne saatevõimsus: peak 0dBm/50MHz(EIRP)

TOKAI RIKA CO., LTD. igazolja, hogy a TRUS24E1 típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.

Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:
http://www.tokai-rika.co.jp/pc

Frekvenciasáv: 6.0 - 8.5 GHz
Maximális jelerősség: peak 0dBm/50MHz(EIRP)

TOKAI RIKA CO., LTD. týmto vyhlasuje, že rádiové zariadenie typu TRUS24E1 je v súlade so smernicou 2014/53/EÚ.

Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:
http://www.tokai-rika.co.jp/pc

Frekvenčné pásmo: 6.0 - 8.5 GHz
Maximálny rádiofrekvenčný výkon: peak 0dBm/50MHz(EIRP)

Tímto TOKAI RIKA CO., LTD. prohlašuje, že typ rádiového zařízení TRUS24E1 je v souladu se směrnicí 2014/53/EU.

Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:
http://www.tokai-rika.co.jp/pc

Kmitočtové pásmo: 6.0 - 8.5 GHz
Maximální radiofrekvenční výkon: peak 0dBm/50MHz(EIRP)

TOKAI RIKA CO., LTD. potrjuje, da je tip radijske opreme TRUS24E1 skladen z Direktivo 2014/53/EU.

Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:
http://www.tokai-rika.co.jp/pc

Frekvenčni pas: 6.0 - 8.5 GHz
Največja moč radijske frekvence: peak 0dBm/50MHz(EIRP)

| |
|---|
| Aš, TOKAI RIKA CO., LTD., patvirtinu, kad radijo įrenginių tipas TRUS24E1 atitinka Direktyvą 2014/53/ES.<br><br>Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:<br>http://www.tokai-rika.co.jp/pc<br><br>Dažnių juosta: 6.0 - 8.5 GHz<br>Didžiausia radijo dažnių galia: peak 0dBm/50MHz(EIRP) |
| Ar šo TOKAI RIKA CO., LTD. deklarē, ka radioiekārta TRUS24E1 atbilst Direktīvai 2014/53/ES.<br><br>Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:<br>http://www.tokai-rika.co.jp/pc<br><br>Frekvenču josla: 6.0 - 8.5 GHz<br>Maksimālā radiofrekvenču jauda: peak 0dBm/50MHz(EIRP) |
| TOKAI RIKA CO., LTD. niniejszym oświadcza, że typ urządzenia radiowego TRUS24E1 jest zgodny z dyrektywą 2014/53/UE.<br><br>Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:<br>http://www.tokai-rika.co.jp/pc<br><br>Zakres częstotliwości: 6.0 - 8.5 GHz<br>Maksymalna moc częstotliwości radiowej: peak 0dBm/50MHz(EIRP) |
| TOKAI RIKA CO., LTD. lýsir því hér með yfir að fjarskiptatækið af gerð TRUS24E1 er í samræmi við tilskipun 2014/53/EU.<br><br>Öll ESB-samræmisyfirlýsingin er tiltæk á eftirfarandi vefslóð:<br>http://www.tokai-rika.co.jp/pc<br><br>Tíðnisvið: 6.0 - 8.5 GHz<br>Hámarks útvarpsbylgjutíðni: peak 0dBm/50MHz(EIRP) |

TOKAI RIKA CO., LTD. erklærer herved at radioutstyrtypen TRUS24E1 er i samsvar med direktivet 2014/53/EU.

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

Frekvensbånd: 6.0 - 8.5 GHz
Maksimal radiofrekvenseffekt: peak 0dBm/50MHz(EIRP)

С настоящото TOKAI RIKA CO., LTD. декларира, че този тип радиосъоръжение TRUS24E1 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: 6.0 - 8.5 GHz
Максимална радиочестотна мощност: peak 0dBm/50MHz(EIRP)

Prin prezenta, TOKAI RIKA CO., LTD. declară că tipul de echipamente radio TRUS24E1 este în conformitate cu Directiva 2014/53/UE.

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

Banda de frecvență: 6.0 - 8.5 GHz
Puterea maximă de radiofrecvență: peak 0dBm/50MHz(EIRP)

Ovime TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa TRUS24E1 u skladu sa Direktivom 2014/53/EU.

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

Frekvencijski opseg: 6.0 - 8.5 GHz
Maksimalna radio-frekvencijska snaga: peak 0dBm/50MHz(EIRP)

| |
|---|
| Me anë të këtij dokumenti, TOKAI RIKA CO., LTD. deklaron se tipi i radiopajisjes TRUS24E1 është në përputhje me Direktivën 2014/53/EU.<br><br>Teksti i plotë i deklaratës së konformitetit të Bashkimit Evropian është i disponueshëm në adresën e mëposhtme të internetit:<br>http://www.tokai-rika.co.jp/pc<br><br>Brezi i frekuencës: 6.0 - 8.5 GHz<br>Fuqia maksimale e radiofrekuencës: peak 0dBm/50MHz(EIRP) |
| TOKAI RIKA CO., LTD. ovime izjavljuje da je radijska oprema tipa TRUS24E1 u skladu s Direktivom 2014/53/EU.<br><br>Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:<br>http://www.tokai-rika.co.jp/pc<br><br>Frekvencijski pojas: 6.0 - 8.5 GHz<br>Maksimalna RF snaga: peak 0dBm/50MHz(EIRP) |
| Ovim TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa TRUS24E1 u skladu sa Direktivom 2014/53/EU.<br><br>Potpuni tekst EU deklaracije o usaglašenosti dostupan je na sledećoj internet adresi:<br>http://www.tokai-rika.co.jp/pc<br><br>Frekventni opseg: 6.0 - 8.5 GHz<br>Maksimalna radio-frekventna snaga: peak 0dBm/50MHz(EIRP) |
| TOKAI RIKA CO., LTD., işbu belgeyle telsiz cihazı türünün TRUS24E1 2014/53/EU nolu Direktif ile uyumlu olduğunu beyan etmektedir.<br><br>AB uygunluk beyanının tam metnine aşağıdaki internet adresinden ulaşabilirsiniz:<br>http://www.tokai-rika.co.jp/pc<br><br>Frekans bandı: 6.0 - 8.5 GHz<br>Maksimum radyo frekans gücü: peak 0dBm/50MHz(EIRP) |

CE

Address: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type TRUS24E1 is in compliance with Radio Equipment Regulations 2017.

The full text of the UK declaration of conformity is available at the following internet address:
http://www.tokai-rika.co.jp/pc

Frequency band: 6.0 - 8.5 GHz
Maximum radio-frequency power: 0dBm/50MHz(EIRP)

UK CA

Address: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

Prin prezenta, TOKAI RIKA CO., LTD. declară că tipul de echipamente radio TRUS24E1 este în conformitate cu Reglementarea tehnică "Punerea la dispoziție pe piață a echipamentelor radio".

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

Banda de frecvență: 6.0 - 8.5 GHz
Puterea maximă de radiofrecvență:peak 0dBm/50MHz(EIRP)

CE

Abordare: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan


И 005 25

# Declaration of Conformity

TYPE : AD10
Frequency of Operation : 13.56MHz / 6489.6MHz / 7987.2MHz
Maximum output :
42dBμA/m at 10m or less / -41.3dBm/MHz e.i.r.p or less / -41.3dBm/MHz e.i.r.p. or less

TYPE : AE10
Frequency of Operation : 6489.6MHz / 7987.2MHz
Maximum output : -41.3dBm/MHz e.i.r.p or less / -41.3dBm/MHz e.i.r.p. or less

Manufacturer name: AISIN CORPORATION
Adress: 2-1, Asahi-machi, Kariya-shi, Aichi 448-8650, Japan

| | |
|---|---|
| [EN] English | Hereby, AISIN CORPORATION declares that the radio equipment type [AD10, AE10] is in compliance with Directive 2014/53/EU.<br>The full text of the EU declaration of conformity is available at the following internet address: [https://aisin.com/en/doc/] |
| [BG] Bulgarian | С настоящото AISIN CORPORATION декларира, че този тип радиосъоръжение [AD10, AE10] е в съответствие с Директива 2014/53/ЕС.<br>Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: [https://aisin.com/en/doc/] |
| [CS] Czech | Tímto AISIN CORPORATION prohlašuje, že typ rádiového zařízení [AD10, AE10] je v souladu se směrnicí 2014/53/EU.<br>Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: [https://aisin.com/en/doc/] |
| [DA] Danish | Hermed erklærer AISIN CORPORATION, at radioudstyrstypen [AD10, AE10] er i overensstemmelse med direktiv 2014/53/EU.<br>EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: [https://aisin.com/en/doc/] |
| [DE] German | Hiermit erklärt AISIN CORPORATION, dass der Funkanlagentyp [AD10, AE10] der Richtlinie 2014/53/EU entspricht.<br>Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: [https://aisin.com/en/doc/] |
| [ET] Estonian | Käesolevaga deklareerib AISIN CORPORATION, et käesolev raadioseadme tüüp [AD10, AE10] vastab direktiivi 2014/53/EL nõuetele.<br>ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: [https://aisin.com/en/doc/] |
| [EL] Greek | Με την παρούσα ο/η AISIN CORPORATION, δηλώνει ότι ο ραδιοεξοπλισμός [AD10, AE10] πληροί την οδηγία 2014/53/ΕΕ.<br>Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: [https://aisin.com/en/doc/] |
| [ES] Spanish | Por la presente, AISIN CORPORATION declara que el tipo de equipo radioeléctrico [AD10, AE10] es conforme con la Directiva 2014/53/UE.<br>El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: [https://aisin.com/en/doc/] |
| [FR] French | Le soussigné, AISIN CORPORATION, déclare que l'équipement radioélectrique du type [AD10, AE10] est conforme à la directive 2014/53/UE.<br>Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: [https://aisin.com/en/doc/] |
| [IT] Italian | Il fabbricante, AISIN CORPORATION, dichiara che il tipo di apparecchiatura radio [AD10, AE10] è conforme alla direttiva 2014/53/UE.<br>Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: [https://aisin.com/en/doc/] |
| [LV] Latvian | Ar šo AISIN CORPORATION deklarē, ka radioiekārta [AD10, AE10] atbilst Direktīvai 2014/53/ES.<br>Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: [https://aisin.com/en/doc/] |

| | |
|---|---|
| [LT] Lithuanian | Aš, AISIN CORPORATION, patvirtinu, kad radijo įrenginių tipas [AD10, AE10] atitinka Direktyvą 2014/53/ES.<br>Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: [https://aisin.com/en/doc/] |
| [HR] Croatian | AISIN CORPORATION ovime izjavljuje da je radijska oprema tipa [AD10, AE10] u skladu s Direktivom 2014/53/EU.<br>Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: [https://aisin.com/en/doc/] |
| [HU] Hungarian | AISIN CORPORATION igazolja, hogy a [AD10, AE10] típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.<br>Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: [https://aisin.com/en/doc/] |
| [MT] Maltese | B'dan, AISIN CORPORATION, niddikjara li dan it-tip ta' tagħmir tar-radju [AD10, AE10] huwa konformi mad-Direttiva 2014/53/UE.<br>It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: [https://aisin.com/en/doc/] |
| [NL] Dutch | Hierbij verklaar ik, AISIN CORPORATION, dat het type radioapparatuur [AD10, AE10] conform is met Richtlijn 2014/53/EU.<br>De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: [https://aisin.com/en/doc/] |
| [PL] Polish | AISIN CORPORATION niniejszym oświadcza, że typ urządzenia radiowego [AD10, AE10] jest zgodny z dyrektywą 2014/53/UE.<br>Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: [https://aisin.com/en/doc/] |
| [PT] Portuguese | O(a) abaixo assinado(a) AISIN CORPORATION declara que o presente tipo de equipamento de rádio [AD10, AE10] está em conformidade com a Diretiva 2014/53/UE.<br>O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: [https://aisin.com/en/doc/] |
| [RO] Romanian | Prin prezenta, AISIN CORPORATION declară că tipul de echipamente radio [AD10, AE10] este în conformitate cu Directiva 2014/53/UE.<br>Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: [https://aisin.com/en/doc/] |
| [SK] Slovak | AISIN CORPORATION týmto vyhlasuje, že rádiové zariadenie typu [AD10, AE10] je v súlade so smernicou 2014/53/EÚ.<br>Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: [https://aisin.com/en/doc/] |
| [SL] Slovenian | AISIN CORPORATION potrjuje, da je tip radijske opreme [AD10, AE10] skladen z Direktivo 2014/53/EU.<br>Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: [https://aisin.com/en/doc/] |
| [FI] Finnish | AISIN CORPORATION vakuuttaa, että radiolaitetyyppi [AD10, AE10] on direktiivin 2014/53/EU mukainen.<br>EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: [https://aisin.com/en/doc/] |
| [SV] Swedish | Härmed försäkrar AISIN CORPORATION att denna typ av radioutrustning [AD10, AE10] överensstämmer med direktiv 2014/53/EU.<br>Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: [https://aisin.com/en/doc/] |
| [GA] Irish | Leis seo, dearbhaíonn AISIN CORPORATION go bhfuil an cineál trealaimh raidió [AD10, AE10] i gcomhréir le Treoir 2014/53/AE.<br>Tá téacs iomlán an dearbhaithe comhréireachta de chuid AE ar fáil ag an seoladh idirlín seo a leanas: [https://aisin.com/en/doc/] |
| [IS] Icelandic | Hér með lýsir AISIN CORPORATION því yfir að gerð fjarskiptabúnaðar [AD10, AE10] sé í samræmi við tilskipun 2014/53/ESB.<br>Fullur texti ESB-samræmisyfirlýsingarinnar er fáanlegur á eftirfarandi netfangi: [https://aisin.com/en/doc/] |

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| [NO]<br>Norwegian | AISIN CORPORATION erklærer herved at radioutstyrstypen [AD10, AE10] er i samsvar med direktiv 2014/53/EU.<br>Den fullstendige teksten til EU-samsvarserklæringen er tilgjengelig på følgende internettadresse: [https://aisin.com/en/doc/] |
| [BS]<br>Bosnian | Ovime, AISIN CORPORATION izjavljuje da je tip radio opreme [AD10, AE10] u skladu sa Direktivom 2014/53/EU.<br>Puni tekst EU deklaracije o usklađenosti dostupan je na sljedećoj internet adresi: [https://aisin.com/en/doc/] |
| [TR]<br>Turkish | İşbu belge ile AISIN CORPORATION, radyo ekipmanı tipinin [AD10, AE10] 2014/53/EU Yönergesi ile uyumlu olduğunu beyan eder.<br>AB uygunluk beyanının tam metnine aşağıdaki internet adresinden ulaşılabilir: [https://aisin.com/en/doc/] |
| [MK]<br>Macedonian | Со ова, AISIN CORPORATION изјавува дека типот на радио опремата [AD10, AE10] е во согласност со Директивата 2014/53/ЕУ.<br>Целиот текст од ЕУ декларацијата за усогласеност е достапен на следнава веб-адреса: [https://aisin.com/en/doc/] |
| [SR]<br>Serbian<br>[CNR]<br>Montenegrin | AISIN CORPORATION ovim izjavljuje da je tip radio opreme [AD10, AE10] u skladu sa Uredbom 2014/53/EU.<br>Kompletan tekst EU deklaracije o usaglašenosti dostupan je na sljedećoj internet adresi: [https://aisin.com/en/doc/] |
| [SQ]<br>Albanians | Në këtë mënyrë, AISIN CORPORATION deklaron se lloji i pajisjeve radio [AD10, AE10] është në përputhje me Direktivën 2014/53/BE.<br>Teksti i plotë i deklaratës së përputhjes së BE-së është në dispozicion në adresën e mëposhtme të internetit: [https://aisin.com/en/doc/] |

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| [EN]<br>English<br>for UK | Hereby, AISIN CORPORATION declares that the radio equipment type [AD10, AE10] is in compliance with the relevant statutory requirements.<br>The full text of the UK declaration of conformity is available at the following internet address: [https://aisin.com/en/doc/] |

И005 25

## Cabin Detection Alert System

Hereby, Magna Electronics, LLC declares that the radio equipment type 60ICSG10V0 is in compliance with radio regulation 2017.

The full text of the UK declaration of conformity is available at the following internet address: https://www.magna.com/type-approval/ics/60icsg10v0

Operational frequency band: 60 – 64 GHz
Maximum output power: < 20 dBm peak eirp

56-08177

"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".




EAC

| | | | |
|---|---|---|---|
| - Manufacturer: | Magna Electronics, LLC | Производитель | Magna Electronics, LLC |
| - Address: | 26360 American Drive, Southfield, MI 48034, USA | Адрес | 26360 American Drive, Southfield, MI 48034, USA |
| - Country of manufacture: | Canada | страна происхождения | Канада |
| - Equipment: | In Cabin Radar | Оборудование | в салоне радар |
| - Model: | 60ICSG10V0 | модель | 60ICSG10V0 |
| - Rated voltage and Current typesymbol: | 12V DC | Номинальное напряжение | 12V DC |
| - Date of Production: | Shown on product | Дата изготовления | Дата изготовления указана на маркировке оборудования |
| - Characteristics & parameters | Operational frequency band: 60 – 64 GHz Maximum output power: < 20 dBm peak eirp | Характеристики и параметры | диапазон частота: 60-64ГГц Потужність передавача: < 20 дБм пиковая эффективная излучаемая мощность |

MAGNA

## SIMPLIFIED EU DECLARATION OF CONFORMITY

RADAR SENSOR MODEL: 60ICSG10V0

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| English | Hereby, 'Magna Electronics, LLC', declares that the radio equipment type 60ICSG10V0 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.magna.com/type-approval/ics/60icsg10v0<br>Operational frequency band: 60 – 64 GHz, Maximum output power: < 20 dBm peak EIRP |
| Bulgarian [Български] | С настоящото 'Magna Electronics, LLC', декларира, че този тип радиосъоръжение 60ICSG10V0 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.magna.com/type-approval/ics/60icsg10v0<br>Работна честотна лента: 60 – 64 GHz/ Максимална изходна мощност: < 20 dBm peak EIRP |
| Croatian [Hrvatski] | 'Magna Electronics, LLC', ovime izjavljuje da je radijska oprema tipa 60ICSG10V0 u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: https://www.magna.com/type-approval/ics/60icsg10v0<br>Radni frekvencijski pojas: 60 – 64 GHz/ Maksimalna izlazna snaga: < 20 dBm peak EIRP |
| Czech [Český] | Tímto 'Magna Electronics, LLC', prohlašuje, že typ rádiového zařízení 60ICSG10V0 je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: https://www.magna.com/type-approval/ics/60icsg10v0<br>Provozní kmitočtové pásmo: 60 – 64 GHz/ Nejvyšší výstupní výkon: < 20 dBm peak EIRP |
| Danish [Dansk] | Hermed erklærer 'Magna Electronics, LLC', at radioudstyrstypen 60ICSG10V0 er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: https://www.magna.com/type-approval/ics/60icsg10v0<br>Driftsfrekvensområde: 60 – 64 GHz/ Maksimal udgangseffekt: < 20 dBm peak EIRP |
| Dutch [Nederlands] | Hierbij verklaar ik, 'Magna Electronics, LLC', dat het type radioapparatuur 60ICSG10V0 conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: https://www.magna.com/type-approval/ics/60icsg10v0<br>Operationele frequentieband: 60 – 64 GHz/ Maximaal uitgangsvermogen: < 20 dBm peak EIRP |
| Estonian [Eesti] | Käesolevaga deklareerib 'Magna Electronics, LLC', et käesolev raadioseadme tüüp 60ICSG10V0 vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: https://www.magna.com/type-approval/ics/60icsg10v0<br>Töösagedusriba: 60 – 64 GHz/ Maksimaalne väljundvõimsus: < 20 dBm peak EIRP |
| Finnish [Suomi] | 'Magna Electronics, LLC', vakuuttaa, että radiolaitetyyppi 60ICSG10V0 on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: https://www.magna.com/type-approval/ics/60icsg10v0<br>Käyttötaajuusalue: 60 – 64 GHz/ Enimmäislähtöteho: < 20 dBm peak EIRP |
| French [Français] | Le soussigné, 'Magna Electronics, LLC', déclare que l'équipement radioélectrique du type 60ICSG10V0 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.magna.com/type-approval/ics/60icsg10v0<br>Bande de fréquences opérationnelle: 60 – 64 GHz/ Puissance de sortie max: < 20 dBm peak EIRP |
| German [Deutsch] | Hiermit erklärt 'Magna Electronics, LLC', dass der Funkanlagentyp 60ICSG10V0 der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: https://www.magna.com/type-approval/ics/60icsg10v0<br>Betriebsfrequenzband: 60 – 64 GHz/ Maximale Ausgangsleistung: < 20 dBm peak EIRP |
| Greek [Ελληνικά] | Με την παρούσα ο/η 'Magna Electronics, LLC', δηλώνει ότι ο ραδιοεξοπλισμός 60ICSG10V0 πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: https://www.magna.com/type-approval/ics/60icsg10v0<br>Ζώνη συχνότητας λειτουργίας: 60 – 64 GHz/ Μέγιστη ισχύς Εξόδου: < 20 dBm peak EIRP |
| Hungarian [Magyar] | 'Magna Electronics, LLC', igazolja, hogy a 60ICSG10V0 típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: https://www.magna.com/type-approval/ics/60icsg10v0<br>Működési frekvenciasáv: 60 – 64 GHz/ Maximum kimeneti teljesítmény: < 20 dBm peak EIRP |
| Icelandic [Íslenska] | Í þessu sambandi lýsir 'Magna Electronics, LLC', að búnaður útvarpsbúnaðarins 60ICSG10V0 sé í samræmi við tilskipun 2014/53/EU. Fullkominn texti ESB yfirlýsing um samræmi er að finna á eftirfarandi netfangi: https://www.magna.com/type-approval/ics/60icsg10v0<br>Rekstrar tíðnisvið: 60 – 64 GHz/ Hámarks útgangsstyrkur: < 20 dBm peak EIRP |
| Italian [Italiano] | Il fabbricante, 'Magna Electronics, LLC', dichiara che il tipo di apparecchiatura radio 60ICSG10V0 è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: https://www.magna.com/type-approval/ics/60icsg10v0<br>Banda di frequenza operativa: 60 – 64 GHz/ Massima potenza di uscita: < 20 dBm peak EIRP |
| Latvian [Latviešu] | Ar šo 'Magna Electronics, LLC', deklarē, ka radioiekārta 60ICSG10V0 atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: https://www.magna.com/type-approval/ics/60icsg10v0<br>Darba frekvenču josla: 60 – 64 GHz / Maksimālā izejas jauda: < 20 dBm peak EIRP |
| Lithuanian [Lietuvių] | Aš, 'Magna Electronics, LLC', patvirtinu, kad radijo įrenginių tipas 60ICSG10V0 atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: https://www.magna.com/type-approval/ics/60icsg10v0<br>Darbinių dažnių diapazonas: 60 – 64 GHz/ Maksimali išėjimo galia: < 20 dBm peak EIRP |
| Maltese [Malti] | B'dan, 'Magna Electronics, LLC', niddikjara li dan it-tip ta' tagħmir tar-radju 60ICSG10V0 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.magna.com/type-approval/ics/60icsg10v0<br>Il-banda tal-frekwenzi operattivi: 60 – 64 GHz/ L-Enerġija Massima Maħruġa: < 20 dBm peak EIRP |
| Norwegian [Norsk] | Hermed erklærer 'Magna Electronics, LLC', at radioutstyrtypen 60ICSG10V0 er i samsvar med direktiv 2014/53/EU. Den fulle teksten til EU-samsvarserklæringen er tilgjengelig på følgende internettadresse: https://www.magna.com/type-approval/ics/60icsg10v0<br>Operasjonelt frekvensbånd: 60 – 64 GHz/ Maksimal utgangseffekt: < 20 dBm peak EIRP |
| Polish [Polski] | 'Magna Electronics, LLC', niniejszym oświadcza, że typ urządzenia radiowego 60ICSG10V0 jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:https://www.magna.com/type-approval/ics/60icsg10v0<br>Pasmo częstotliwości roboczej: 60 – 64 GHz/ Maksymalna moc wyjściowa: < 20 dBm peak EIRP |
| Portuguese [Português] | O(a) abaixo assinado(a) 'Magna Electronics, LLC', declara que o presente tipo de equipamento de rádio 60ICSG10V0 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.magna.com/type-approval/ics/60icsg10v0<br>Faixa de frequência de funcionamento: 60 – 64 GHz/ Potência de Saída Máxima:< 20 dBm peak EIRP |
| Romanian [Română] | Prin prezenta, 'Magna Electronics, LLC', declară că tipul de echipamente radio 60ICSG10V0 este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: https://www.magna.com/type-approval/ics/60icsg10v0<br>Bandă frecvență operațională: 60 – 64 GHz/ Putere maximă la ieșire: < 20 dBm peak EIRP |
| Slovenian [Slovenščina] | 'Magna Electronics, LLC', potrjuje, da je tip radijske opreme 60ICSG10V0 skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: https://www.magna.com/type-approval/ics/60icsg10v0<br>Operativni frekvenčni pas: 60 – 64 GHz/ Največja izhodna moč: < 20 dBm peak EIRP |
| Slovak [Slovenský] | 'Magna Electronics, LLC', týmto vyhlasuje, že rádiové zariadenie typu 60ICSG10V0 je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: https://www.magna.com/type-approval/ics/60icsg10v0<br>Prevádzkové frekvenčné pásmo: 60 – 64 GHz/ Maximálny výstupný výkon: < 20 dBm peak EIRP |
| Spanish [Español] | Por la presente, 'Magna Electronics, LLC', declara que el tipo de equipo radioeléctrico 60ICSG10V0 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.magna.com/type-approval/ics/60icsg10v0<br>Banda de frecuencias de funcionamiento: 60 – 64 GHz/ Potencia máxima de salida: < 20 dBm peak EIRP |
| Swedish [Svenska] | Härmed försäkrar 'Magna Electronics, LLC', att denna typ av radioutrustning 60ICSG10V0 överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: https://www.magna.com/type-approval/ics/60icsg10v0<br>Driftfrekvensband: 60 – 64 GHz/ Maximal uteffekt: < 20 dBm peak EIRP |
| Turkish [Türk] | Buna göre, 'Magna Electronics, LLC', 60ICSG10V0 tipi radyo ekipmanının 2014/53/AB sayılı Direktife uygun olduğunu beyan eder. EU uyumu beyanının tam metni aşağıdaki internet adresinden edinilebilir: https://www.magna.com/type-approval/ics/60icsg10v0<br>Çalışma frekansı bandı: 60 – 64 GHz/ Maksimum Çıkış Gücü: < 20 dBm peak EIRP |

**Magna Electronics, LLC**
26360 American Drive
Southfield, Michigan 48034
USA

Phone: +1-248-223-0600
Fax: +1-248-223-8833
http://www.magna.com

## Smart entry & start system and immobilizer system

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Transmitter: Model: TMLF19D-A
Operation frequency: 125kHz
Maximum output power (ERP): 0.82mW
Manufacturer: TOYOTA MOTOR CORPORATION
Address:1, Toyota-Cho, Toyota, Aichi, 471-8572, Japan

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| Hereby, TOYOTA MOTOR CORPORATION declares that the radio equipment type is in compliance with Directive 2014/53/EU.<br>The full text of the EU declaration of conformity is available at the following internet address:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 01A |
| TOYOTA MOTOR CORPORATION vakuuttaa, että radiolaitetyyppi on direktiivin 2014/53/EU mukainen.<br>EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 02A |
| Hierbij verklaar ik, TOYOTA MOTOR CORPORATION, dat het type radioapparatuur conform is met Richtlijn 2014/53/EU.<br>De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 03A |
| Le soussigné, TOYOTA MOTOR CORPORATION, déclare que l'équipement radioélectrique du type est conforme à la directive 2014/53/UE.<br>Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 04A |
| Härmed försäkrar TOYOTA MOTOR CORPORATION att denna typ av radioutrustning överensstämmer med direktiv 2014/53/EU.<br>Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 05A |
| Hermed erklærer TOYOTA MOTOR CORPORATION, at radioudstyrstypen er i overensstemmelse med direktiv 2014/53/EU.<br>EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 06A |
| Hiermit erklärt TOYOTA MOTOR CORPORATION, dass der Funkanlagentyp der Richtlinie 2014/53/EU entspricht.<br>Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 07A |
| Με την παρούσα ο/η TOYOTA MOTOR CORPORATION, δηλώνει ότι ο ραδιοεξοπλισμός πληροί την οδηγία 2014/53/ΕΕ.<br>Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 08A |

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| Il fabbricante, TOYOTA MOTOR CORPORATION, dichiara che il tipo di apparecchiatura radio è conforme alla direttiva 2014/53/UE.<br>Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 09A |
| Por la presente, TOYOTA MOTOR CORPORATION declara que el tipo de equipo radioeléctrico es conforme con la Directiva 2014/53/UE.<br>El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 10A |
| O(a) abaixo assinado(a) TOYOTA MOTOR CORPORATION declara que o presente tipo de equipamento de rádio está em conformidade com a Diretiva 2014/53/UE.<br>O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 11A |
| B'dan, TOYOTA MOTOR CORPORATION, niddikjara li dan it-tip ta' tagħmir tar-radju huwa konformi mad-Direttiva 2014/53/UE.<br>It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 12A |
| Käesolevaga deklareerib TOYOTA MOTOR CORPORATION, et käesolev raadioseadme tüüp vastab direktiivi 2014/53/EL nõuetele.<br>ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 13A |
| TOYOTA MOTOR CORPORATION igazolja, hogy a típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.<br>Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 14A |
| TOYOTA MOTOR CORPORATION týmto vyhlasuje, že rádiové zariadenie typu je v súlade so smernicou 2014/53/EÚ.<br>Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 15A |

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| Tímto TOYOTA MOTOR CORPORATION prohlašuje, že typ rádiového zařízení je v souladu se směrnicí 2014/53/EU.<br>Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 16A |
| TOYOTA MOTOR CORPORATION potrjuje, da je tip radijske opreme skladen z Direktivo 2014/53/EU.<br>Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 17A |
| Aš, TOYOTA MOTOR CORPORATION, patvirtinu, kad radijo įrenginių tipas atitinka Direktyvą 2014/53/ES.<br>Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 18A |
| Ar šo TOYOTA MOTOR CORPORATION deklarē, ka radioiekārta atbilst Direktīvai 2014/53/ES.<br>Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 19A |
| TOYOTA MOTOR CORPORATION niniejszym oświadcza, że typ urządzenia radiowego jest zgodny z dyrektywą 2014/53/UE.<br>Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 20A |
| Hér með lýsir TOYOTA MOTOR CORPORATION yfir því að er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU.<br>Samræmisyfirlýsing er einnig aðgengileg á eftirfarandi vefslóð:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 21A |
| TOYOTA MOTOR CORPORATION erklærer at er i overensstemmelse med direktiv 2014/53/EU.<br>Samsvarserklæringen i fulltekst er tilgjengelig på følgende internettadresse:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 22A |
| С настоящото TOYOTA MOTOR CORPORATION декларира, че този тип радиосъоръжение е в съответствие с Директива 2014/53/ЕС.<br>Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес:<br>https://contact-us.denso.com/form/global/en/contact-us/doc | 23A |

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| Prin prezenta, TOYOTA MOTOR CORPORATION declară că tipul de echipamente radio este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: https://contact-us.denso.com/form/global/en/contact-us/doc | 24A |
| TOYOTA MOTOR CORPORATION ovime izjavljuje da je radijska oprema tipa u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: https://contact-us.denso.com/form/global/en/contact-us/doc | 25A |
| Овиме, TOYOTA MOTOR CORPORATION изјављује да је радио опрема тип усаглашена са Директивом 2014/53/EU. Цео текст ЕУ декларације о усаглашености доступам је на следећој интернет адреси: https://contact-us.denso.com/form/global/en/contact-us/doc | 26A |
| Amb aquest document, TOYOTA MOTOR CORPORATION declara que el tipus d'equipament radioelèctric es conforme a la Directiva 2014/53/UE. El text complet de la declaració UE de conformitat està disponible en la següent adreça d'Internet: https://contact-us.denso.com/form/global/en/contact-us/doc | 27A |
| İşbu belge; TOYOTA MOTOR CORPORATION telsiz ekipmanı tipinin 2014/53/AB sayılı Direktif'e uygun olduğunu beyan eder. AB uygunluk beyanının tam metni aşağıdaki internet adresinde mevcuttur: https://contact-us.denso.com/form/global/en/contact-us/doc | 28A |
| Me anë të kësaj deklaratë, subjekti TOYOTA MOTOR CORPORATION deklaron se pajisjet radio është në përputhje me këtë rregull teknik për pajisjet radio dhe fundore të komunikimeve elektronike. Teksti i plotë i Deklaratës së Konformitetit është i disponueshëm në adresën e mëposhtme të internetit: https://contact-us.denso.com/form/global/en/contact-us/doc | 29A |
| Prin prezenta, TOYOTA MOTOR CORPORATION declară că tipul de echipamente radio este în conformitate cu Reglementarea tehnică „Punerea la dispoziție pe piață a echipamentelor radio". Textul integral al declarației de conformitate este disponibil la următoarea adresă de Internet: https://contact-us.denso.com/form/global/en/contact-us/doc | 30A |

UK

Transmitter: Model: TMLF19D-A
Operation frequency: 125kHz
Maximum output power (ERP): 0.82mW
Manufacturer: TOYOTA MOTOR CORPORATION
Address:1, Toyota-Cho, Toyota, Aichi, 471-8572, Japan

Hereby, TOYOTA MOTOR CORPORATION declares that the radio equipment type is in compliance with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following internet address:
https://contact-us.denso.com/form/global/en/contact-us/doc

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UA

передавач: модель: TMLF19D-A
смугу радіочастот: 125кГц
максимальну потужність
випромінювання (ERP): 0.82мВт
виробник: TOYOTA MOTOR CORPORATION
адреса: 1, Toyota-Cho, Toyota, Aichi, 471-8572, Japan

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UA

справжнім TOYOTA MOTOR CORPORATION заявляє, що тип радіообладнання відповідає Технічному регламенту радіообладнання;
повний текст декларації про відповідність доступний на веб-сайті за такою адресою:
https://contact-us.denso.com/form/global/en/contact-us/doc



9A

GE

გადამცემი:მოდელი: TMLF19D-A
მუშაობის სიხშირე: 125kHz
მაქსიმალური გამომავალი სიმძლავრე (ERP): 0.82mW
მწარმოებელი: TOYOTA MOTOR CORPORATION
ათები: 1, Toyota-Cho, Toyota, Aichi, 471-8572, Japan

წინამდებარე დეკლარაციით, TOYOTA MOTOR CORPORATION ვაცხადებ, რომ რადიომოწყობილობის ტიპი შეესაბამება რადიომოწყობილობის შესახებ ტექნიკური რეგლამენტის მოთხოვნებს. შესაბამისობის დეკლარაციის სრული ტექსტი ხელმისაწვდომია შემდეგ ინტერნეტმისამართზე:
https://contact-us.denso.com/form/global/en/contact-us/doc

9A

RS

Предајник : Модел: TMLF19D-A
Радна фреквенција: 125kHz
Максимална излазна снага (ERP): 0.82mW
Произвођач: TOYOTA MOTOR CORPORATION
Адреса: 1, Toyota-Cho, Toyota, Aichi, 471-8572, Japan

Овиме, TOYOTA MOTOR CORPORATION изјављује да је радио опрема тип усаглашена са Директивом 2014/53/EU.
Цео текст ЕУ декларације о усаглашености доступам је на следећој интернет адреси:
https://contact-us.denso.com/form/global/en/contact-us/doc

9A

IL

טויוטה מוטור אירופה נו\סא, שדרות דו בורגט 60-1140 בריסל,
בלגיה www.toyota-europe.com

| | | |
|---|---|---|
| מוצר | : | מתנד חכם LF |
| סימן רשום | : | TOYOTA |
| ארץ ייצור | : | ראה מוצר |
| דגם | : | TMLF19D-A |
| שנת ייצור | : | ראה מוצר |

חל איסור לבצע פעולות במכשיר שיש בהן כדי לשנות את תכונותיו האלחוטיות של המכשיר, ובכלל זה שינויי תוכנה, החלפת אנטנה מקורית או הוספת אפשרות לחיבור לאנטנה חיצונית, בלא קבלת אישור משרד התקשורת, בשל החשש להפרעות אלחוטיות.

9A

## Smart entry & start system

Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type BM2KV 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

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TOKAI RIKA CO., LTD. vakuuttaa, että radiolaitetyyppi BM2KV on direktiivin 2014/53/EU mukainen.

EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:
http://www.tokai-rika.co.jp/pc

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Hierbij verklaar ik, TOKAI RIKA CO., LTD., dat het type radioapparatuur BM2KV conform is met Richtlijn 2014/53/EU.

De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:
http://www.tokai-rika.co.jp/pc

Le soussigné, TOKAI RIKA CO., LTD., déclare que l'équipement radioélectrique du type BM2KV 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

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Härmed försäkrar TOKAI RIKA CO., LTD. att denna typ av radioutrustning BM2KV 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

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Hermed erklærer TOKAI RIKA CO., LTD., at radioudstyrstypen BM2KV er i overensstemmelse med direktiv 2014/53/EU.

EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:
http://www.tokai-rika.co.jp/pc

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Hiermit erklärt TOKAI RIKA CO., LTD., dass der Funkanlagentyp BM2KV 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

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Με την παρούσα ο/η TOKAI RIKA CO., LTD., δηλώνει ότι ο ραδιοεξοπλισμός BM2KV πληροί την οδηγία 2014/53/ΕΕ.

Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:
http://www.tokai-rika.co.jp/pc

Il fabbricante, TOKAI RIKA CO., LTD., dichiara che il tipo di apparecchiatura radio BM2KV è conforme alla direttiva 2014/53/UE.

Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:
http://www.tokai-rika.co.jp/pc

Por la presente, TOKAI RIKA CO., LTD. declara que el tipo de equipo radioeléctrico BM2KV es conforme con la Directiva 2014/53/UE.

El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:
http://www.tokai-rika.co.jp/pc

O(a) abaixo assinado(a) TOKAI RIKA CO., LTD. declara que o presente tipo de equipamento de rádio BM2KV está em conformidade com a Diretiva 2014/53/UE.

O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:
http://www.tokai-rika.co.jp/pc

B'dan, TOKAI RIKA CO., LTD., niddikjara li dan it-tip ta' tagħmir tar-radju BM2KV huwa konformi mad-Direttiva 2014/53/UE.

It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej:
http://www.tokai-rika.co.jp/pc

Käesolevaga deklareerib TOKAI RIKA CO., LTD., et käesolev raadioseadme tüüp BM2KV vastab direktiivi 2014/53/EL nõuetele.

ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:
http://www.tokai-rika.co.jp/pc

TOKAI RIKA CO., LTD. igazolja, hogy a BM2KV 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

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TOKAI RIKA CO., LTD. týmto vyhlasuje, že rádiové zariadenie typu BM2KV 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

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Tímto TOKAI RIKA CO., LTD. prohlašuje, že typ rádiového zařízení BM2KV 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

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TOKAI RIKA CO., LTD. potrjuje, da je tip radijske opreme BM2KV 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

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Aš, TOKAI RIKA CO., LTD., patvirtinu, kad radijo įrenginių tipas BM2KV atitinka Direktyvą 2014/53/ES.

Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:
http://www.tokai-rika.co.jp/pc

Ar šo TOKAI RIKA CO., LTD. deklarē, ka radioiekārta BM2KV atbilst Direktīvai 2014/53/ES.

Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:
http://www.tokai-rika.co.jp/pc

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TOKAI RIKA CO., LTD. niniejszym oświadcza, że typ urządzenia radiowego BM2KV 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

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TOKAI RIKA CO., LTD. lýsir því hér með yfir að fjarskiptatækið af gerð BM2KV er í samræmi við tilskipun 2014/53/EU.

Öll ESB-samræmisyfirlýsingin er tiltæk á eftirfarandi vefslóð:
http://www.tokai-rika.co.jp/pc

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TOKAI RIKA CO., LTD. erklærer herved at radioutstyrtypen BM2KV 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

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С настоящото TOKAI RIKA CO., LTD. декларира, че този тип радиосъоръжение BM2KV 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

Prin prezenta, TOKAI RIKA CO., LTD. declară că tipul de echipamente radio BM2KV 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

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Ovime TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa BM2KV 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

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Me anë të këtij dokumenti, TOKAI RIKA CO., LTD. deklaron se tipi i radiopajisjes BM2KV 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

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TOKAI RIKA CO., LTD. ovime izjavljuje da je radijska oprema tipa BM2KV 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

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Ovim TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa BM2KV u skladu sa Direktivom 2014/53/EU.

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

TOKAI RIKA CO., LTD., işbu belgeyle telsiz cihazı türünün BM2KV 2014/53/EU nolu Direktif ile uyumlu olduğunu beyan etmektedir.

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

CE

Address: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

Receiver Category (EN300 220): 2

Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type BM2KV is in compliance with Radio Equipment Regulations 2017.

The full text of the UK declaration of conformity is available at the following internet address:
http://www.tokai-rika.co.jp/pc

Receiver Category (EN300 220):2

UK CA

Address: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

Справжнім TOKAI RIKA CO., LTD. заявляє, що тип радіообладнання BM2KV відповідає Технічному регламенту радіообладнання;
КАБІНЕТ МІНІСТРІВ УКРАЇНИ ПОСТАНОВА №.355

Повний текст декларації про відповідність доступний на веб-сайті за такою адресою:
http://www.tokai-rika.co.jp/pc

Категорія приймача: 2

Адреса: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

Prin prezenta, TOKAI RIKA CO., LTD. declară că tipul de echipamente radio BM2KV este în conformitate cu Reglementarea tehnică "Punerea la dispoziție pe piață a echipamentelor radio".

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

Categoria receptorului (SM EN 300 220): 2

Abordare: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

| | |
|---|---|
| - Manufacturer: | TOKAI RIKA CO., LTD. |
| - Address: | 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan |
| - Brand: | TOKAI RIKA |
| - Equipment: | Receiver |
| - Model: | BM2KV |
| - Rated voltage and Current type symbol: | 12V DC |
| -Date of Production: | Shown on product |

Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type B4L2K2R 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 B4L2K2R 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)

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Hierbij verklaar ik, TOKAI RIKA CO., LTD., dat het type radioapparatuur B4L2K2R 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)

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Le soussigné, TOKAI RIKA CO., LTD., déclare que l'équipement radioélectrique du type B4L2K2R 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)

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Härmed försäkrar TOKAI RIKA CO., LTD. att denna typ av radioutrustning B4L2K2R 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 B4L2K2R 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)

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Hiermit erklärt TOKAI RIKA CO., LTD., dass der Funkanlagentyp B4L2K2R 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)

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Με την παρούσα ο/η TOKAI RIKA CO., LTD., δηλώνει ότι ο ραδιοεξοπλισμός B4L2K2R πληροί την οδηγία 2014/53/ΕΕ.

Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:
http://www.tokai-rika.co.jp/pc

Ζώνη συχνοτήτων: 433.050 - 434.790 MHz
Μέγιστη ισχύς ραδιοσυχνότητας: 10mW(ERP)

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Il fabbricante, TOKAI RIKA CO., LTD., dichiara che il tipo di apparecchiatura radio B4L2K2R 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 B4L2K2R 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)

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O(a) abaixo assinado(a) TOKAI RIKA CO., LTD. declara que o presente tipo de equipamento de rádio B4L2K2R 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)

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B'dan, TOKAI RIKA CO., LTD., niddikjara li dan it-tip ta' tagħmir tar-radju B4L2K2R 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)

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Käesolevaga deklareerib TOKAI RIKA CO., LTD., et käesolev raadioseadme tüüp B4L2K2R 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 B4L2K2R 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)

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TOKAI RIKA CO., LTD. týmto vyhlasuje, že rádiové zariadenie typu B4L2K2R je v súlade so smernicou 2014/53/EÚ.

Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:
http://www.tokai-rika.co.jp/pc

Frekvenčné pásmo: 433.050 - 434.790 MHz
Maximálny rádiofrekvenčný výkon: 10mW(ERP)

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Tímto TOKAI RIKA CO., LTD. prohlašuje, že typ rádiového zařízení B4L2K2R 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)

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TOKAI RIKA CO., LTD. potrjuje, da je tip radijske opreme B4L2K2R 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 B4L2K2R 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)

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Ar šo TOKAI RIKA CO., LTD. deklarē, ka radioiekārta B4L2K2R 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)

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TOKAI RIKA CO., LTD. niniejszym oświadcza, że typ urządzenia radiowego B4L2K2R 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)

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TOKAI RIKA CO., LTD. lýsir því hér með yfir að fjarskiptatækið af gerð B4L2K2R er í samræmi við tilskipun 2014/53/EU.

Öll ESB-samræmisyfirlýsingin er tiltæk á eftirfarandi vefslóð:
http://www.tokai-rika.co.jp/pc

Tíðnisvið: 433.050 - 434.790 MHz
Hámarks útvarpsbylgjutíðni: 10mW(ERP)

TOKAI RIKA CO., LTD. erklærer herved at radioutstyrtypen B4L2K2R er i samsvar med direktivet 2014/53/EU.

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

Frekvensbånd: 433.050 - 434.790 MHz
Maksimal radiofrekvenseffekt: 10mW(ERP)

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С настоящото TOKAI RIKA CO., LTD. декларира, че този тип радиосъоръжение B4L2K2R 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)

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Prin prezenta, TOKAI RIKA CO., LTD. declară că tipul de echipamente radio B4L2K2R 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)

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Ovime TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa B4L2K2R u skladu sa Direktivom 2014/53/EU.

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

Frekvencijski opseg: 433.050 - 434.790 MHz
Maksimalna radio-frekvencijska snaga: 10mW(ERP)

Me anë të këtij dokumenti, TOKAI RIKA CO., LTD. deklaron se tipi i radiopajisjes B4L2K2R 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)

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TOKAI RIKA CO., LTD. ovime izjavljuje da je radijska oprema tipa B4L2K2R 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)

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Ovim TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa B4L2K2R 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)

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TOKAI RIKA CO., LTD., işbu belgeyle telsiz cihazı türünün B4L2K2R 2014/53/EU nolu Direktif ile uyumlu olduğunu beyan etmektedir.

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

Frekans bandı: 433.050 - 434.790 MHz
Maksimum radyo frekans gücü: 10mW(ERP)

CE

Address: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

⚠: This mark is a safety/warning mark.

・Do not ingest battery.

**Chemical Burn Hazard**

・This product contains a coin / button cell battery.

・If the coin / button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

・Keep new and used batteries away from children.

・If the battery compartment does not close securely, stop using the product and keep it away from children.

・If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

**CAUTION**

・Risk of explosion if the battery is replaced by an incorrect type.

・Replace battery with the same type.

**CAUTION**

・Risk of explosion or the leakage of flammable liquid or gas.

・Do not use in /store in /bring into environment of extremely high temperature or extremely low pressure due to the very high altitude.

・Do not attempt to burn, crush, or cut used battery.

⚠ : Tämä on turva-/varoitusmerkki.
・Paristoa ei saa laittaa suuhun.
**Kemiallisen palovamman vaara**
・Laitteessa on kolikko-/nappiparisto.
・Elimistöön joutunut kolikko-/nappiparisto voi aiheuttaa vakavia sisäisiä palovammoja vain 2 tunnissa, jolloin seurauksena voi olla hengen menetys.
・Uudet ja käytetyt paristot on pidettävä poissa lasten ulottuvilta.
・Jos paristolokero ei sulkeudu kunnolla, laitteen käyttö on lopetettava, ja laite on pidettävä poissa lasten ulottuvilta.
・Jos on syytä epäillä, että paristo on nielaistu tai muuten päässyt elimistöön, ota välittömästi yhteyttä lääkäriin.
**TÄRKEÄ HUOMAUTUS**
・Käytetyn pariston vaihtaminen tyypiltään väärään voi aiheuttaa räjähdysvaaran.
・Vaihda paristo tyypiltään samanlaiseen.
**TÄRKEÄ HUOMAUTUS**
・Räjähdysvaara tai syttyvän nesteen tai kaasun vuotovaara.

・Ei saa käyttää/säilyttää/tuoda lämpötilaltaan tai merenpinnasta mitattuna erittäin korkeaan ympäristöön, jossa ilmanpaine on erittäin alhainen.
・Käytettyä paristoa ei saa polttaa, murskata tai halkaista.

⚠ : Dit teken is een veiligheids-/waarschuwingsteken.
・Slik de batterij niet in.
**Risico op chemische brandwonden**
・Dit product bevat een munt-/knoopcelbatterij.
・Als de munt-/knoopcelbatterij wordt ingeslikt, kan het al binnen 2 uur ernstige interne brandwonden veroorzaken en de dood tot gevolg hebben.
・Houd nieuwe en gebruikte batterijen buiten bereik van kinderen.
・Als het batterijcompartiment niet goed sluit, stop dan met het gebruik van het product en houd het buiten bereik van kinderen.
・Als u denkt dat batterijen zijn ingeslikt of in enig deel van het lichaam zijn gestopt, roep dan onmiddellijk medische hulp in.
**VOORZICHTIG**
・Er bestaat een risico op ontploffing als de batterij wordt vervangen door een verkeerd type.
・Vervang de batterij door een van hetzelfde type.
**VOORZICHTIG**
・Er bestaat een risico op ontploffing of lekkage van brandbare vloeistof of gas.

・Niet gebruiken in/bewaren in/meenemen naar een omgeving met extreem hoge temperatuur of met extreem lage druk als gevolg van zeer grote hoogte.
・Een gebruikte batterij niet verbranden, platdrukken, of doorsnijden.

⚠ : Ce pictogramme est une marque de sécurité/avertissement.
・Ne pas ingérer la pile.
**Risques de brûlure chimique**
・Ce produit contient une pile bouton.
・Si la pile bouton est avalée, elle peut causer de graves brûlures internes en seulement 2 heures et peut entraîner la mort.
・Conservez les piles neuves et usagées hors de portée des enfants.
・Si le compartiment de la pile ne ferme pas correctement, cessez d'utiliser le produit et conservez-le hors de portée des enfants.
・Si vous pensez que des piles ont pu être avalées ou placées à l'intérieur d'une partie du corps, consultez immédiatement un médecin.
**AVERTISSEMENT**
・Risque d'explosion si la pile est remplacée par un type incorrect.
・Remplacez la pile par une pile du même type.
**AVERTISSEMENT**
・Risque d'explosion ou de fuite de liquide ou de gaz inflammable.

・Ne jamais utiliser, stocker, placer dans un environnement à la température extrêmement élevée ou à la pression extrêmement basse en raison d'une très haute altitude.
・Ne jamais essayer de brûler, écraser ou couper des piles usagées.

⚠: Det här märket är ett säkerhets-/varningsmärke.
・Förtär inte batteriet.
**Risk för kemisk brännskada**
・Den här produkten innehåller ett mynt-/knappbatteri.
・Om mynt-/knappbatteriet sväljs kan det orsaka allvarliga interna brännskador på bara två timmar, vilket kan leda till dödsfall.
・Håll nya och använda batterier borta från barn.
・Om batterifacket inte stängs ordentligt, sluta använda produkten och håll den undan från barn.
・Om du misstänker att batterier har svalts eller placerats inuti någon del av kroppen, sök omedelbart läkarvård.
**VARNING**
・Risk för explosion om batteriet byts ut mot ett av fel typ.
・Byt ut batteriet mot ett av samma typ.
**VARNING**
・Risk för explosion eller läckage av brandfarliga vätskor och gaser.

・Använd inte, förvara inte och ta inte in i miljö med extremt hög temperatur eller extremt lågt tryck p.g.a. hög höjd.
・Försök inte bränna, krossa eller skära använt batteri.

⚠ : Dette mærke er et sikkerheds-/advarselsmærke.
・Batteriet må ikke indtages.
**Fare for kemisk forbrænding**
・Dette produkt indeholder et mønt-/knapcellebatteri.
・Hvis mønt-/knapcellebatteriet sluges, kan det medføre alvorlige indre forbrændinger i løbet af kun 2 timer og kan føre til dødsfald.
・Opbevar nye og brugte batterier utilgængeligt for børn.
・Hvis batterirummet ikke kan lukkes ordentligt, skal du indstille brugen af produktet og opbevare det utilgængeligt for børn.
・Hvis du har mistanke om, at der måske er blevet slugt batterier, eller batterier på anden måde er kommet ind i kroppen, skal du øjeblikkeligt søge lægehjælp.
**FORSIGTIG**
・Risiko for eksplosion, hvis batteriet udskiftes med en forkert type.
・Udskift batteriet med et batteri af samme type.
**FORSIGTIG**
・Risiko for eksplosion eller lækage af brændbar væske eller gas.

・Må ikke anvendes på/opbevares på/tages med til meget varme steder eller steder med meget lavt tryk som følge af ekstreme højder.
・Forsøg ikke at brænde, knuse eller adskille brugte batterier.

⚠: Dieses Symbol ist ein Sicherheits-/Warnsymbol.
・Verschlucken Sie die Batterie nicht.
**Verätzungsgefahr**
・Dieses Produkt enthält eine Knopfzellenbatterie.
・Falls die Knopfzellenbatterie verschluckt wird, kann dies innerhalb von nur 2 Stunden schwere innere Verätzungen verursachen und zum Tode führen.
・Halten Sie neue und gebrauchte Batterien von Kindern fern.
・Falls sich das Batteriefach nicht sicher schließen lässt, stellen Sie die Verwendung des Produkts ein und halten Sie es von Kindern fern.
・Falls Sie glauben, dass Batterien eventuell verschluckt oder in einen Teil des Körpers eingeführt worden sind, begeben Sie sich sofort in ärztliche Behandlung.
**ACHTUNG**
・Es besteht Explosionsgefahr, falls die Batterie durch eine Batterie der falschen Art ersetzt wird.
・Ersetzen Sie Batterien nur durch die gleiche Art.
**ACHTUNG**
・Es besteht Explosionsgefahr oder die Gefahr eines Austritts von brennbarer Flüssigkeit oder entzündlichem Gas.
・Das Produkt darf nicht in Umgebungen mit hohen Temperaturen oder extrem niedrigem Luftdruck aufgrund von extremen Höhenlagen verwendet / aufbewahrt / gebracht werden.
・Versuchen Sie nicht, gebrauchte Batterien zu verbrennen, zu zerstoßen oder zu schneiden.

⚠: Το σήμα αυτό είναι ένα σήμα ασφαλείας/προειδοποίησης.
・Μην καταπίνετε την μπαταρία.
**Κίνδυνος χημικού εγκαύματος**
・Αυτό το προϊόν περιέχει μια μπαταρία σχήματος νομίσματος / κουμπιού.
・Αν η μπαταρία σχήματος νομίσματος / κουμπιού καταποθεί, μπορεί να προκαλέσει σοβαρά εσωτερικά εγκαύματα σε μόλις 2 ώρες και μπορεί να επέλθει θάνατος.
・Διατηρείτε τις καινούργιες και τις χρησιμοποιημένες μπαταρίες μακριά από παιδιά.
・Εάν το διαμέρισμα της μπαταρίας δεν κλείνει καλά, σταματήστε τη χρήση του προϊόντος και κρατήστε το μακριά από παιδιά.
・Αν νομίζετε ότι οι μπαταρίες ενδέχεται να έχουν καταποθεί ή τοποθετηθεί μέσα σε οποιοδήποτε μέρος του σώματος, ζητήστε αμέσως ιατρική φροντίδα.
**ΠΡΟΣΟΧΗ**
・Υπάρχει κίνδυνος έκρηξης εάν η μπαταρία αντικατασταθεί με μπαταρία εσφαλμένου τύπου.
・Αντικαταστήστε την μπαταρία με μπαταρία του ίδιου τύπου.
**ΠΡΟΣΟΧΗ**
・Υπάρχει κίνδυνος έκρηξης ή διαρροής εύφλεκτων υγρών ή αερίων.
・Μη χρησιμοποιείτε / αποθηκεύετε / μεταφέρετε το προϊόν σε περιβάλλον με εξαιρετικά υψηλή θερμοκρασία ή εξαιρετικά χαμηλή πίεση λόγω πολύ μεγάλου υψομέτρου.
・Μην επιχειρήσετε να κάψετε, να συνθλίψετε ή να κόψετε μια χρησιμοποιημένη μπαταρία.

⚠ : Questo è un simbolo di sicurezza/avvertenza.
・Non ingerire la batteria.
**Pericolo di ustioni chimiche**
・Questo prodotto contiene una batteria a bottone/moneta.
・Se la batteria a bottone/moneta viene ingerita, può causare gravi ustioni interne in sole 2 ore e provocare la morte.
・Tenere le batterie nuove e usate lontano dalla portata dei bambini.
・Se il vano batteria non si chiude in modo saldo, interrompere l'utilizzo del prodotto e tenerlo lontano dalla portata dei bambini.
・Se si ritiene che le batterie siano state ingerite o inserite in qualsiasi parte del corpo, consultare immediatamente un medico.
**ATTENZIONE**
・Rischio di esplosione in caso di sostituzione della batteria con una di tipo errato.
・Sostituire la batteria con una dello stesso tipo.
**ATTENZIONE**
・Rischio di esplosione o di perdita di liquidi o gas infiammabili.

・Non utilizzare / immagazzinare / portare in ambienti con temperatura estremamente alta o pressione estremamente a causa dell'elevata altitudine.
・Non provare a bruciare, schiacciare o tagliare la batteria usata.

⚠: Este símbolo es un símbolo de seguridad/precaución.
・No ingerir la batería.
**Peligro de quemadura química**
・Este producto contiene una batería de pila de botón.
・Si se ingiere la batería de pila de botón, esta puede causar graves quemaduras internas en solo 2 horas y puede provocar la muerte.
・Mantenga las baterías nuevas y usadas alejadas de los niños.
・Si el compartimento de la batería no se cierra correctamente, deje de usar el producto y manténgalo alejado de los niños.
・Si cree que las baterías hayan podido ser ingeridas o introducidas en alguna parte del cuerpo, busque inmediatamente atención médica.
**ATENCIÓN**
・Riesgo de explosión si la batería es reemplazada por una del tipo incorrecto.
・Reemplace la batería por una del mismo tipo.
**ATENCIÓN**
・Riesgo de explosión o escape de líquido o gas inflamable.

・No usar / almacenar / introducir en un ambiente de temperatura extremadamente alta o de presión extremadamente baja a causa de la alta altitud.
・No intente quemar, aplastar, o cortar la batería usada.

⚠: Esta marca é uma marca de segurança/aviso.
・Não ingerir a pilha.
**Perigo de Queimadura Química**
・Este produto contém uma pilha de tipo moeda/botão.
・Se a pilha de tipo moeda/botão for engolida, poderá causar queimaduras internas graves em apenas 2 horas e levar à morte.
・Manter as pilhas novas e usadas longe de crianças.
・Se o compartimento da pilha não se fechar completamente, cessar a utilização do produto e manter fora do alcance das crianças.
・Caso seja possível que as pilhas tenham sido engolidas ou colocadas dentro de qualquer parte do corpo, procurar cuidados médicos imediatamente.
**CUIDADO**
・Risco de explosão se a pilha for substituída por uma de tipo incorreto.
・Substituir a pilha por uma do mesmo tipo.
**CUIDADO**
・Risco de explosão ou fuga de líquidos ou gases inflamáveis.

・Não utilizar/armazenar/colocar em ambiente de temperatura extremamente alta, ou pressão extremamente baixa devido a altitude muito alta.
・Não tentar queimar, esmagar ou cortar a pilha usada.

⚠: Din il-marka hija marka ta' sigurtá/twissija.
・Tiblax il-batterija.
**Periklu ta' Ħruq Kimiku**
・Dan il-prodott fih batterija munita / button cell.
・Jekk tinbela' l-batterija munita / button cell, tista' tikkawża ħruq intern sever f'temp ta' sagħtejn biss u tista' twassal għall-mewt.
・Żomm il-batteriji ġodda u użati 'l bogħod mit-tfal.
・Jekk il-kompartiment tal-batterija ma jagħlaqx sew, waqqaf l-użu tal-prodott u żommu 'l bogħod mit-tfal.
・Jekk taħseb li l-batteriji setgħu nbelgħu jew tpoġġew ġewwa xi parti tal-ġisem, fittex attenzjoni medika immedjata.
**ATTENZJONI**
・Riskju ta' splużjoni jekk il-batterija tiġi ssostitwita b'tip inkorrett.
・Ibdel il-batterija bl-istess tip.
**ATTENZJONI**
・Riskju ta' splużjoni jew tnixxija ta' likwidu jew gass fjammabbli.

・Tużahx / taħżnux / iġġibux f'ambjent ta' temperatura estremament għolja jew pressjoni estremament baxxa minħabba l-altitudni għolja ħafna.
・Tippruvax taħraq, tfarrak jew tqatta' l-batteriji użati.

⚠: See märk on ohutus-/hoiatusmärk.
・Ärge patareid alla neelake.
**Keemilise põletuse oht**
・See toode sisaldab mündi/nööbi tüüpi elemendiga patareid.
・Mündi/nööbi tüüpi elemendiga patarei allaneelamine võib põhjustada raskeid sisemisi põletusi juba 2 tunni jooksul ning võib lõppeda surmaga.
・Hoidke uued ja kasutatud patareid lastele kättesaamatus kohas.
・Kui patareipesa ei sulgu kindlalt, lõpetage toote kasutamine ja hoidke seda lastele kättesaamatus kohas.
・Kui te arvate, et patareid võivad olla alla neelatud või mistahes kehaossa sattunud, pöörduge viivitamatult arsti poole.
**ETTEVAATUST**
・Plahvatusoht vahetamisel vale tüüpi patareiga.
・Vahetage sama tüüpi patareiga.
**ETTEVAATUST**
・Plahvatuse või tuleohtliku vedeliku või gaasi lekke oht.

・Ärge kasutage, hoidke ega tooge keskkonda eriti kõrge temperatuuriga või eriti madala rõhuga väga suure kõrguse tõttu merepinnast.
・Ärge üritage põletada, purustada ega lõigata kasutatud patareid.

⚠ : Ez a jelzés biztonsági/figyelmeztető jelzés.
・Ne nyelje le az elemet.
**Vegyi anyag okozta égésisérülés-veszély**
・Ez a termék gombelemet tartalmaz.
・Amennyiben a gombelemet lenyeli, az mindössze 2 órán belül komoly belső égési sérüléseket okozhat és halálhoz vezethet.
・Az új és használt elemeket tartsa távol a gyermekektől.
・Amennyiben az elemtartó rekesz nem zárható biztonságosan, függessze fel a termék használatát és tartsa gyermekektől távol.
・Amennyiben úgy véli, hogy az elemet lenyelték vagy bármely testrészbe helyezték, haladéktalanul forduljon orvoshoz.
**VIGYÁZAT**
・Nem megfelelő típusú csereelem használata robbanásveszélyes.
・Az elemcseréhez azonos típusú elemet használjon.
**VIGYÁZAT**
・Robbanásveszély vagy gyúlékony folyadékok vagy gázok szivárgása.

・Ne használja/ne tárolja/ne helyezze szélsőségesen magas hőmérsékletű környezetbe, és ne tegye ki a nagy magasságokban kialakuló rendkívül alacsony nyomásnak.
・A használt elemet ne kísérelje meg elégetni, összezúzni vagy szétvágni.

⚠ : Toto je bezpečnostná/výstražná značka.
・Dbajte na to, aby nedošlo k prehltnutiu batérie.
**Nebezpečenstvo poleptania chemikáliou**
・Tento výrobok obsahuje mincovú/gombíkovú batériu.
・Ak dôjde k prehltnutiu mincovej/gombíkovej batérie, už v priebehu 2 hodín môže spôsobiť vážne vnútorné poleptanie a viesť k usmrteniu.
・Nové a použité batérie uchovávajte mimo dosahu detí.
・Ak sa priestor pre batériu nezatvorí bezpečne, prestaňte používať výrobok a uchovávajte ho mimo dosahu detí.
・Ak si myslíte, že mohlo dôjsť k prehltnutiu batérií alebo ich umiestneniu do ktorejkoľvek časti tela, okamžite vyhľadajte lekársku pomoc.
**UPOZORNENIE**
・Hrozí nebezpečenstvo výbuchu, ak sa batéria vymení za nesprávny typ.
・Vymeňte batériu za rovnaký typ.
**UPOZORNENIE**
・Nebezpečenstvo výbuchu alebo úniku horľavej kvapaliny alebo horľavého plynu.
・Nepoužívajte/neskladujte v prostredí/neprinášajte do prostredia s mimoriadne vysokou teplotou, alebo mimoriadne nízkym tlakom v dôsledku veľmi vysokej nadmorskej výšky.
・Nepokúšajte sa spáliť, rozdrviť ani rozrezať použitú batériu.

⚠ : Tento symbol je bezpečnostním/výstražným symbolem.
・Baterii nepolykejte.
**Nebezpečí chemických popálenin**
・Tento výrobek obsahuje mincovou/knoflíkovou baterii.
・Pokud dojde ke spolknutí mincové/knoflíkové baterie, může za pouhé 2 hodiny způsobit závažné vnitřní popáleniny a v jejich důsledku případně i smrt.
・Použité a nové baterie udržujte mimo dosah dětí.
・Pokud nelze prostor pro baterii pevně uzavřít, přestaňte výrobek používat a udržujte jej mimo dosah dětí.
・Pokud si myslíte, že mohlo dojít ke spolknutí baterie nebo jejímu vsunutí dovnitř kterékoliv části těla, okamžitě vyhledejte lékařskou pomoc.
**UPOZORNĚNÍ**
・Nebezpečí výbuchu v případě výměny baterie za nesprávný druh baterie.
・Proto baterii vždy vyměňte za jinou stejného typu.
**UPOZORNĚNÍ**
・Nebezpečí výbuchu nebo úniku hořlavé kapaliny či plynu.
・Nepoužívejte/neskladujte/nepřinášejte je do prostředí s nesmírně vysokou teplotou nebo nesmírně nízkým tlakem zapříčiněným vysokou nadmořskou výškou.
・Nesnažte se baterii spálit, rozdrtit či rozříznout.

⚠ : Ta oznaka je varnostna/opozorilna oznaka.
・Ne zaužijte baterije.
**Nevarnost kemijske opekline**
・Ta izdelek vsebuje gumbasto baterijo.
・Če se gumbasto baterijo zaužije, lahko to povzroči hude notranje opekline v le 2 urah in lahko vodi v smrt.
・Nove in rabljene baterije hranite izven dosega otrok.
・Če se predalček za baterijo ne zapira pravilno, prenehajte z uporabo izdelka in ga hranite izven dosega otrok.
・Če sumite, da je morda nekdo zaužil baterijo ali jo dal v kateri koli del telesa, takoj poiščite zdravniško pomoč.
**POZOR**
・Nevarnost eksplozije, če baterijo zamenjate z baterijo napačne vrste.
・Zamenjajte baterijo z istim tipom.
**POZOR**
・Tveganje za eksplozijo ali puščanje vnetljivih tekočin ali plinov.

・Ne uporabljajte/shranjujte/prinašajte v okolje izredno visoke temperature ali izredno nizkega tlaka zaradi zelo visoke nadmorske višine.
・Ne poskušajte zažigati, uničiti, ali rezati rabljene baterije.

⚠: Šis ženklas yra saugos/įspėjamasis ženklas.
・Neprarykite baterijos.
**Cheminio nudegimo pavojus**
・Šiame gaminyje yra monetos/sagos formos baterija.
・Prarijęs monetos/sagos formos bateriją, asmuo per 2 valandas gali patirti sunkius vidinius nudegimus ir netgi mirti.
・Naujas ir panaudotas baterijas laikykite vaikams nepasiekiamoje vietoje.
・Jei baterijų skyrelio nepavyksta tvirtai uždaryti, nebenaudokite gaminio ir laikykite jį vaikams nepasiekiamoje vietoje.
・Jei manote, kad baterijos buvo prarytos arba pateko į kūną, nedelsdami kreipkitės į gydytoją.
**PERSPĖJIMAS**
・Bateriją pakeitus netinkamo tipo baterija, kyla sprogimo pavojus.
・Pakeiskite seną bateriją tik to paties tipo nauja baterija.
**PERSPĖJIMAS**
・Sprogimo arba degių skysčių ar dujų nuotėkio pavojus.

・Negalima naudoti/laikyti/turėti labai aukštos temperatūros arba labai dideliame aukštyje esančioje itin žemo slėgio aplinkoje.
・Naudotos baterijos nebandykite deginti, ardyti ar perpjauti.

⚠ : Šī zīme ir drošības/brīdinājuma zīme.
・Nenorijiet bateriju.
**Ķīmisku apdegumu briesmas**
・Šis izstrādājums satur tabletes tipa bateriju.
・Ja ir norīta tabletes tipa baterija, tā 2 stundu laikā var radīt smagus apdegumus un izraisīt nāvi.
・Jaunas un lietotas baterijas uzglabājiet bērniem nepieejamā vietā.
・Ja bateriju nodalījumu nevar droši aizvērt, pārtrauciet lietot izstrādājumu un novietojiet to bērniem nepieejamā vietā.
・Ja jūsuprāt baterijas ir norītas vai ievietotas kādā ķermeņa daļā, nekavējoties vērsieties pēc medicīniskās palīdzības.
**UZMANĪBU!**
・Eksplozijas risks, ja baterija tiek nomainīta ar nepareiza tipa bateriju.
・Bateriju nomainiet pret tāda paša tipa bateriju.
**UZMANĪBU!**
・Eksplozijas vai uzliesmojoša šķidruma vai gāzes noplūdes risks.
・Nelietojiet, neuzglabājiet un neievietojiet vidē ar ļoti augstu temperatūru, kā arī vidē, kur ļoti lielā augstuma virs jūras līmeņa dēļ ir ļoti zems spiediens.
・Nemēģiniet sadedzināt, sagraut vai sagriezt nolietoto bateriju.

⚠ : ten symbol oznacza niebezpieczeństwo/ostrzeżenie.
・Nie połykać baterii.
**Ryzyko oparzenia chemicznego**
・Ten produkt zawiera baterię guzikową.
・Połknięta bateria guzikowa może spowodować poważne oparzenia wewnętrzne w czasie jedynie 2 godzin i prowadzić do śmierci.
・Przechowywać nowe i zużyte baterie z dala od dzieci.
・Jeśli solidne zamknięcie komory baterii jest niemożliwe, zaprzestać użytkowania produktu i przechowywać go w miejscu niedostępnym dla dzieci.
・W przypadku podejrzenia, że mogło dojść do połknięcia baterii lub ich umieszczenia w dowolnym otworze ciała, niezwłocznie uzyskać pomoc lekarską.
**PRZESTROGA**
・Istnieje ryzyko wybuchu, jeśli bateria zostanie zastąpiona baterią niewłaściwego typu.
・Wymieniać baterię na baterię tego samego typu.
**PRZESTROGA**
・Ryzyko wybuchu lub wycieku łatwopalnego płynu lub gazu.
・Nie używać i nie przechowywać w otoczeniu o skrajnie wysokiej temperaturze lub skrajnie niskim ciśnieniu wynikającym z bardzo dużej wysokości ani nie wnosić do takiego otoczenia.
・Nie podejmować prób spalenia, zgniecenia lub przecięcia zużytej baterii.

⚠ : Този знак е знак за безопасност/предупреждение.
・Не поглъщайте батерията.
**Опасност от химическо изгаряне**
・Този продукт съдържа плоска/бутонна батерия.
・Ако плоската/бутонна батерия бъде погълната, тя може да причини тежки вътрешни изгаряния само за 2 часа и може да доведе до смърт.
・Пазете новите и използваните батерии далеч от деца.
・Ако отделението за батериите не се затваря добре, спрете да използвате продукта и го дръжте далеч от деца.
・Ако смятате, че батериите може да са били погълнати или поставени в някоя част на тялото, незабавно потърсете медицинска помощ.
**ВНИМАНИЕ**
・Опасност от експлозия, ако батерията бъде сменена с неправилен тип.
・Сменете батерията със същия вид.
**ВНИМАНИЕ**
・Опасност от експлозия или изтичане на запалими течности или газове.

・Не използвайте/съхранявайте/носете в среда с изключително висока температура или изключително ниско налягане, причинено от голямата височина.
・Не се опитвайте да изгаряте, смачквате или режете използваната батерия.

⚠ : Acest marcaj este un marcaj de securitate/avertizare.
・Nu ingerați bateria.
**Pericol de arsuri chimice**
・Acest produs conține o baterie tip pastilă.
・Dacă bateria tip pastilă este înghițită, aceasta poate cauza arsuri interne grave în numai 2 ore și poate duce la deces.
・Nu lăsați bateriile noi și bateriile uzate la îndemâna copiilor.
・În cazul în care compartimentul bateriei nu se închide bine, încetați utilizarea produsului și nu îl lăsați la îndemâna copiilor.
・Dacă bănuiți că este posibil ca bateriile să fi fost înghițite sau introduse în orice parte a corpului, consultați imediat medicul.
**ATENȚIE**
・Risc de explozie dacă bateria este înlocuită cu un tip incorect.
・Înlocuiți bateria cu una de același tip.
**ATENȚIE**
・Risc de explozie sau de scurgeri de lichide sau gaze inflamabile.

・Nu utilizați/depozitați într-un mediu cu temperatură extrem de înaltă sau cu presiune extrem de joasă din cauza altitudinii foarte mari.
・Nu încercați să ardeți, să spargeți sau să tăiați bateriile uzate.

⚠ : Ova oznaka je oznaka sigurnosti/upozorenja.
・Nemojte gutati bateriju.
**Opasnost od kemijskih opeklina**
・Ovaj proizvod sadrži novčić/gumb bateriju.
・Ako se novčić/gumb baterija proguta, može uzrokovati ozbiljne unutarnje opekline u samo 2 sata i može dovesti do smrti.
・Držite nove i rabljene baterije izvan dohvata djece.
・Ako se pretinac za baterije ne zatvara sigurno, prestanite koristiti proizvod i držite ga dalje od djece.
・Ako smatrate da su baterije možda progutane ili smještene unutar bilo kojeg dijela tijela, zatražite hitnu medicinsku pomoć.
**OPREZ**
・Ako je baterija zamijenjena pogrešnim tipom, postoji rizik od eksplozije.
・Zamijenite bateriju s baterijama iste vrste.
**OPREZ**
・Rizik od eksplozije ili istjecanja zapaljive tekućine ili plina.

・Nemojte koristiti u /pohranjivati u /unijeti u prostoru izuzetno visoke temperature ili izuzetno niskog tlaka zbog visoke nadmorske visine.
・Ne pokušavajte spaliti, lomiti ili rezati istrošenu bateriju.

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⚠ : Þetta tákn er öryggis-/aðvörunartákn.
・Gleypið ekki rafhlöðuna.
**Hætta á efnabruna**
・Þessi vara inniheldur flata rafhlöðu.
・Ef rafhlaðan er gleypt getur hún valdið alvarlegum innvortis bruna á innan við 2 klukkustundum sem getur leitt til dauða.
・Geymið nýjar og notaðar rafhlöður þar sem börn ná ekki til.
・Ef rafhlöðuhólfið lokast ekki örugglega skal hætta notkun vörunnar og geyma hana þar sem börn ná ekki til.
・Ef þú telur að rafhlöður hafi verið gleyptar eða settar inn í eitthvert líkamsop, skaltu hafa samband við lækni tafarlaust.
**VARÚÐ**
・Hætta á sprengingu ef rafhlöðunni er skipt út fyrir ranga tegund.
・Skiptið rafhlöðunni ávallt út fyrir sömu tegund.
**VARÚÐ**
・Hætta á sprengingu eða leka á eldfimum vökva eða lofttegundum.

・Má ekki nota/geyma/setja í umhverfi þar sem er afar hár hiti, eða afar lágur þrýstingur vegna mikillar hæðar.
・Ekki reyna að brenna, kremja eða skera notaða rafhlöðu.

⚠ : Dette merket er et sikkerhets-/advarselsmerke.
・Ikke svelg batteriet.
**Kjemisk brannfare**
・Dette produktet inneholder et mynt-/knappecellebatteri.
・Dersom mynt-/knappecellebatteriet svelges, kan det frembringe alvorlige indre forbrenninger i løpet av kun to timer, og kan være dødelig.
・Hold nye og brukte batterier borte fra barn.
・Lukkes ikke batterirommet sikkert må du stanse å bruke produktet og holde det utenfor barns rekkevidde.
・Oppsøk medisinsk hjelp umiddelbart hvis du tror at batterier kan være svelget eller plassert inne i kroppen.
**FORSIKTIG**
・Eksplosjonsfare hvis batteriet erstattes med feil type.
・Bytt batteri med samme type.
**FORSIKTIG**
・Fare for eksplosjon eller lekkasje av brannfarlig væske eller gass.

・Ikke bruk i/oppbevar i/ta med inn i miljø med ekstremt høy temperatur eller ekstremt lavt trykk på grunn av den svært store høyden.
・Ikke forsøk å brenne, knuse eller skjære opp et brukt batteri.

⚠ : Ova oznaka je sigurnosna/upozoravajuća oznaka.
・Nemojte gutati bateriju.
**Opasnost od hemijskih opekotina**
・Ovaj proizvod sadrži bateriju veličine kovanice/dugmeta.
・Ako se baterija veličine kovanice/dugmeta proguta, može izazvati ozbiljne unutrašnje opekotine za samo 2 sata i može dovjesti do smrti.
・Čuvajte nove i korišćene baterije dalje od djece.
・Ako se prostor za baterije ne zatvori dobro, prestanite sa korišćenjem proizvoda i držite ga dalje od djece.
・Ako mislite da su baterije možda progutane ili stavljene u unutrašnjost bilo kog dijela tijela, potražite hitnu medicinsku pomoć.
**OPREZ**
・Opasnost od eksplozije ako se baterija zamijeni s baterijom pogrešnog tipa.
・Zamijenite bateriju sa baterijom istog tipa.
**OPREZ**
・Opasnost od eksplozije ili curenja zapaljive tečnosti ili gasa.

・Nemojte koristiti /skladištiti /unositi u okruženje izuzetno visoke temperature ili izuzetno niskog pritiska usljed veoma velike visine.
・Ne pokušavajte da spalite, lomite ili isječete iskorišćenu bateriju.

⚠ : Kjo është shenjë sigurie/paralajmërimi.
・Mos e gëlltisni baterinë.
**Rrezik djegieje kimike**
・Ky produkt përmban një bateri të hollë në formë monedhe/kopse.
・Nëse bateria e hollë në formë monedhe/kopse gëlltitet, ajo mund të shkaktojë djegie të rënda të brendshme brenda vetëm 2 orëve dhe mund të sjellë vdekjen.
・Mbajini bateritë e reja dhe të përdorura larg nga fëmijët.
・Nëse foleja e baterisë nuk mbyllet mirë, ndaloni përdorimin e produktit dhe mbajeni larg nga fëmijët.
・Nëse mendoni se bateritë mund të jenë gëlltitur ose futur brenda ndonjë pjese trupi, kërkoni menjëherë vëmendjen e mjekut.
**KUJDES**
・Rrezik shpërthimi nëse bateria zëvendësohet me një lloj të pasaktë.
・Zëvendësojeni baterinë me të njëjtin lloj.
**KUJDES**
・Rrezik shpërthimi nga rrjedhja e lëngut apo gazit të ndezshëm.

・Mos e përdorni / ruani / sillni në mjedise me temperaturë jashtëzakonisht të lartë ose presion jashtëzakonisht të ulët në lartësi shumë të mëdha.
・Mos u përpiqni të digjni, shtypni ose prisni baterinë e përdorur.

⚠ : Ova oznaka je oznaka za bezbednost/upozorenje.
・Nemojte gutati bateriju.
**Opasnost od hemijskih opekotina**
・Ovaj proizvod sadrži bateriju u obliku novčića/dugmeta.
・Ako se baterija u obliku novčića/gumba proguta, može da izazove ozbiljne interne opekotine za samo 2 sada i može da dovede do smrti.
・Nove i korišćene baterije čuvajte van domašaja dece.
・Ako se odeljak za bateriju ne zatvori dobro, prestanite da koristite proizvod i čuvajte ga van domašaja dece.
・Ako mislite da su baterije možda progutane ili stavljene unutar bilo kog dela tela, odmah zatražite medicinsku pomoć.
**OPREZ**
・Rizik od eksplozije ako je baterija zamenjena nepravilnim tipom.
・Zamenite bateriju sa istim tipom.
**OPREZ**
・Rizik od eksplozije ili curenja zapaljive tečnosti ili gasa.

・Ne koristite/ne čuvajte/ne donosite u sredinu izuzetno visoke temperature ili izuzetno niskog pritiska usled vrlo visoke visine.
・Ne pokušavajte da zapalite, smrvite ili isečete korišćenu bateriju.

⚠ : Bu işaret bir güvenlik/uyarı işaretidir.
・Pili yutmayın.
**Kimyasal Yanma Tehlikesi**
・Bu üründe bir düğme pil bulunmaktadır.
・Düğme pil yutulursa, sadece 2 saat içinde ağır iç yanıklara neden olabilir ve ölüme yol açabilir.
・Yeni ve kullanılmış pilleri çocuklardan uzak tutun.
・Pil yuvası emniyetli bir şekilde kapanmıyorsa, ürünü kullanmayı bırakın ve çocuklardan uzak tutun.
・Pillerin yutulduğunu veya vücudun herhangi bir parçasının içine yerleştirildiğini düşünüyorsanız, derhal tıbbi yardım alın.
**DİKKAT**
・Pil yanlış tür bir pille değiştirilirse patlama riski vardır.
・Pili aynı tür pillerle değiştirin.
**DİKKAT**
・Patlama ya da yanıcı sıvı veya gaz sızıntısı riski vardır.

・Aşırı derecede yüksek sıcaklıktaki veya çok yüksek rakımdan dolayı aşırı derecede düşük basınca sahip ortamlarda kullanmayın /saklamayın veya bu ortamlara götürmeyin.
・Kullanılmış pili yakmaya, ezmeye veya kesmeye çalışmayın.

Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type B4L2K2R 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)

UK CA

Address: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

⚠: This mark is a safety/warning mark.
・Do not ingest battery.
**Chemical Burn Hazard**
・This product contains a coin / button cell battery.
・If the coin / button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
・Keep new and used batteries away from children.
・If the battery compartment does not close securely, stop using the product and keep it away from children.
・If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
**CAUTION**
・Risk of explosion if the battery is replaced by an incorrect type.
・Replace battery with the same type.
**CAUTION**
・Risk of explosion or the leakage of flammable liquid or gas.

・Do not use in /store in /bring into environment of extremely high temperature or extremely low pressure due to the very high altitude.
・Do not attempt to burn, crush, or cut used battery.

Справжнім TOKAI RIKA CO., LTD. заявляє, що тип радіообладнання B4L2K2R відповідає Технічному регламенту радіообладнання;
КАБІНЕТ МІНІСТРІВ УКРАЇНИ ПОСТАНОВА №.355

Повний текст декларації про відповідність доступний на веб-сайті за такою адресою:
http://www.tokai-rika.co.jp/pc

Діапазон частот : 433.050 - 434.790 MHz
Максимальна потужність радіочастотного випромінювання : 10 mW(ERP)



Адреса: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

 **Ця позначка являє собою позначку про необхідність дотримання правил безпеки/застереження.**

・Не допускайте проковтування батарейки.

**Небезпека хімічного опіку**

・Цей виріб містить батарейку монетного / таблеткового типу.
・Проковтування батарейки монетного / таблеткового типу може спричинити тяжкі внутрішні опіки всього лише за 2 години і може призвести до смерті.
・Зберігайте нові та використані батарейки подалі від дітей.
・Якщо кришка батарейного відсіку надійно не закривається, припиніть користуватися виробом і зберігайте його подалі від дітей.
・Якщо існує ймовірність проковтування батарейки або її розміщення всередині будь-якої частини тіла, негайно зверніться за медичною допомогою.

**ОБЕРЕЖНО**

・Ризик вибуху в разі заміни на батарейку неналежного типу.
・Замінюйте батарейку на батарейку такого ж самого типу.

**ОБЕРЕЖНО**

・Ризик вибуху або витоку горючої рідини або газу.

・Не використовуйте /не зберігайте /не розміщуйте в умовах надзвичайно високої температури або надзвичайно низького тиску через дуже велику висоту над рівнем моря.
・Не намагайтеся спалити, розбити або розрізати використану батарейку.

Prin prezenta, TOKAI RIKA CO., LTD. declară că tipul de echipamente radio B4L2K2R este în conformitate cu Reglementarea tehnică "Punerea la dispoziție pe piață a echipamentelor radio".

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

Banda de frecvență: 433.050 - 434.790 MHz
Puterea maximă de radiofrecvență: 10mW(ERP)

CE

Abordare: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

⚠ : Acest marcaj este un marcaj de securitate/avertizare.
・Nu ingerați bateria.
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・Nu lăsați bateriile noi și bateriile uzate la îndemâna copiilor.
・În cazul în care compartimentul bateriei nu se închide bine, încetați utilizarea produsului și nu îl lăsați la îndemâna copiilor.
・Dacă bănuiți că este posibil ca bateriile să fi fost înghițite sau introduse în orice parte a corpului, consultați imediat medicul.
**ATENȚIE**
・Risc de explozie dacă bateria este înlocuită cu un tip incorect.
・Înlocuiți bateria cu una de același tip.
**ATENȚIE**
・Risc de explozie sau de scurgeri de lichide sau gaze inflamabile.

・Nu utilizați/depozitați într-un mediu cu temperatură extrem de înaltă sau cu presiune extrem de joasă din cauza altitudinii foarte mari.
・Nu încercați să ardeți, să spargeți sau să tăiați bateriile uzate.

| | |
|---|---|
| - Manufacturer: | TOKAI RIKA CO., LTD. |
| - Address: | 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan |
| - Brand: | TOKAI RIKA |
| - Equipment: | Electronic key |
| - Model: | B4L2K2R |
| - Rated voltage and Current type symbol: | 3V DC |
| -Date of Production: | Shown on product |




מספר זיהוי היבואן 「511487761」

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

## Front millimeter wave radar sensor

| | |
|---|---|
| Transmitter: | Model: DNMWR018<br>Operation frequency: 76.5 GHz<br>Maximum output power: 914.1 mW or less |
| Manufacturer: | DENSO CORPORATION |
| Address: | 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661 Japan |

D18 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://contact-us.denso.com/form/global/en/contact-us/doc

EU 01 01

DENSO CORPORATION vakuuttaa, että radiolaitetyyppi on direktiivin 2014/53/EU mukainen.
EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:
https://contact-us.denso.com/form/global/en/contact-us/doc

EU 02 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 03 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 04 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 05 01

Hermed erklærer DENSO CORPORATION, at radioudstyrstypen er i overensstemmelse med direktiv 2014/53/EU.
EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:
https://contact-us.denso.com/form/global/en/contact-us/doc

EU 06 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 07 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 08 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 09 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 10 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 11 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 12 01

Käesolevaga deklareerib DENSO CORPORATION, et käesolev raadioseadme tüüp vastab direktiivi 2014/53/EL nõuetele.
ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:
https://contact-us.denso.com/form/global/en/contact-us/doc

EU 13 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 14 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 15 01

Tímto DENSO CORPORATION prohlašuje, že typ rádiového zařízení je v souladu se směrnicí 2014/53/EU.
Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:
https://contact-us.denso.com/form/global/en/contact-us/doc

EU 16 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 17 01

Aš, DENSO CORPORATION, patvirtinu, kad radijo įrenginių tipas atitinka Direktyvą 2014/53/ES.
Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:
https://contact-us.denso.com/form/global/en/contact-us/doc

EU 18 01

Ar šo DENSO CORPORATION deklarē, ka radioiekārta atbilst Direktīvai 2014/53/ES.
Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:
https://contact-us.denso.com/form/global/en/contact-us/doc

EU 19 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 20 01

Hér með lýsir DENSO CORPORATION yfir því að er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU.
Samræmisyfirlýsing er einnig aðgengileg á eftirfarandi vefslóð:
https://contact-us.denso.com/form/global/en/contact-us/doc

EU 21 01

DENSO CORPORATION erklærer at er i overensstemmelse med direktiv 2014/53/EU.
Samsvarserklæringen i fulltekst er tilgjengelig på følgende internettadresse:
https://contact-us.denso.com/form/global/en/contact-us/doc

EU 22 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 23 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 24 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 25 01

Овиме, DENSO CORPORATION изјављује да је радио опрема тип усаглашена са Директивом 2014/53/EU.
Цео текст ЕУ декларације о усаглашености доступам је на следећој интернет адреси:
https://contact-us.denso.com/form/global/en/contact-us/doc

EU 26 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 27 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 28 01

Me anë të kësaj deklaratë, subjekti DENSO CORPORATION deklaron se pajisjet radio është në përputhje me këtë rregull teknik për pajisjet radio dhe fundore të komunikimeve elektronike.
Teksti i plotë i Deklaratës së Konformitetit është i disponueshëm në adresën e mëposhtme të internetit:
https://contact-us.denso.com/form/global/en/contact-us/doc

AL 02



UA RF: 3DENSFR18

модель: DNMWR018
смуга радіочастот: 76-77 ГГц
максимальна вихідна потужність: 914.1 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://contact-us.denso.com/form/global/en/contact-us/doc

D18 UA 01

გადამცემი: მოდელი: DNMWR018
მუშაობის სიხშირე: 76-77 GHz
მაქსიმალური გამომავალი სიმძლავრე: 914.1 mW ან ნაკლები
მწარმოებელი: DENSO CORPORATION
ათები: 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661, Japan

D18 GE 01

წინამდებარე დეკლარაციით, DENSO CORPORATION ვაცხადებ, რომ რადიომოწყობილობის ტიპი შეესაბამება რადიომოწყობილობის შესახებ ტექნიკური რეგლამენტის მოთხოვნებს. შესაბამისობის დეკლარაციის სრული ტექსტი ხელმისაწვდომია შემდეგ ინტერნეტმისამართზე:
https://contact-us.denso.com/form/global/en/contact-us/doc

GE 01

Предајник: Модел: DNMWR018
Радна фреквенција: 76-77 GHz
Максимална излазна снага: 914.1 mW или мање
Произвођач: DENSO CORPORATION
Адреса: 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661, Japan

D18 RS 01

Овиме, DENSO CORPORATION изјављује да је радио опрема тип усаглашена са Директивом 2014/53/EU.
Цео текст ЕУ декларације о усаглашености доступам је на следећој интернет адреси:
https://contact-us.denso.com/form/global/en/contact-us/doc

EU 26 01

| | |
|---|---|
| Transmitter: | Model: DNMWR018<br>Operation frequency: 76.5 GHz<br>Maximum output power: 914.1 mW or less |
| Manufacturer: | DENSO CORPORATION |
| Address: | 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661<br>Japan |

D18 EU 01

Prin prezenta, DENSO CORPORATION declară că tipul de echipamente radio este în conformitate cu Reglementarea tehnică „Punerea la dispoziție pe piață a echipamentelor radio”.
Textul integral al declarației de conformitate este disponibil la următoarea adresă de Internet:
https://contact-us.denso.com/form/global/en/contact-us/doc

MD 02

IL:VAT ID 40911612

IL 04

חל איסור לבצע פעולות במכשיר שיש בהן כדי לשנות את תכונותיו האלחוטיות של המכשיר, ובכלל זה שינויי תוכנה, החלפת אנטנה מקורית או הוספת אפשרות לחיבור לאנטנה חיצונית, בלא קבלת אישור משרד התקשורת, בשל החשש להפרעות אלחוטיות.

IL 02

טויוטה מוטור אירופה נו\סא, שדרות דו בורגט 60-1140 בריסל, בלגיה www.toyota-europe.com

IL 03

| |
|---|
| מוצר : מכ"מ התראה |
| סימן רשום : DENSO |
| ארץ ייצור : יפן \ ארה"ב \ סין |
| דגם : DNMWR018 |
| שנת ייצור : ראה מוצר |

D18 IL 01

## BSM (Blind Spot Monitor)

| | |
|---|---|
| Transmitter: | Model: DNMWR019<br>Operation frequency: 76.5 GHz<br>Maximum output power: 859.0 mW or less |
| Manufacturer: | DENSO CORPORATION |
| Address: | 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661 Japan |

D19 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://contact-us.denso.com/form/global/en/contact-us/doc

EU 01 01

DENSO CORPORATION vakuuttaa, että radiolaitetyyppi on direktiivin 2014/53/EU mukainen.
EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:
https://contact-us.denso.com/form/global/en/contact-us/doc

EU 02 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 03 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 04 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 05 01

Hermed erklærer DENSO CORPORATION, at radioudstyrstypen er i overensstemmelse med direktiv 2014/53/EU.
EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:
https://contact-us.denso.com/form/global/en/contact-us/doc

EU 06 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 07 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 08 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 09 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 10 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 11 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 12 01

Käesolevaga deklareerib DENSO CORPORATION, et käesolev raadioseadme tüüp vastab direktiivi 2014/53/EL nõuetele.
ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:
https://contact-us.denso.com/form/global/en/contact-us/doc

EU 13 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 14 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 15 01

Tímto DENSO CORPORATION prohlašuje, že typ rádiového zařízení je v souladu se směrnicí 2014/53/EU.
Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:
https://contact-us.denso.com/form/global/en/contact-us/doc

EU 16 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 17 01

Aš, DENSO CORPORATION, patvirtinu, kad radijo įrenginių tipas atitinka Direktyvą 2014/53/ES.
Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:
https://contact-us.denso.com/form/global/en/contact-us/doc

EU 18 01

Ar šo DENSO CORPORATION deklarē, ka radioiekārta atbilst Direktīvai 2014/53/ES.
Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:
https://contact-us.denso.com/form/global/en/contact-us/doc

EU 19 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 20 01

Hér með lýsir DENSO CORPORATION yfir því að er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU.
Samræmisyfirlýsing er einnig aðgengileg á eftirfarandi vefslóð:
https://contact-us.denso.com/form/global/en/contact-us/doc

EU 21 01

DENSO CORPORATION erklærer at er i overensstemmelse med direktiv 2014/53/EU.
Samsvarserklæringen i fulltekst er tilgjengelig på følgende internettadresse:
https://contact-us.denso.com/form/global/en/contact-us/doc

EU 22 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 23 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 24 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 25 01

Овиме, DENSO CORPORATION изјављује да је радио опрема тип усаглашена са Директивом 2014/53/EU.
Цео текст ЕУ декларације о усаглашености доступам је на следећој интернет адреси:
https://contact-us.denso.com/form/global/en/contact-us/doc

EU 26 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 27 01

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://contact-us.denso.com/form/global/en/contact-us/doc

EU 28 01

Me anë të kësaj deklaratë, subjekti DENSO CORPORATION deklaron se pajisjet radio është në përputhje me këtë rregull teknik për pajisjet radio dhe fundore të komunikimeve elektronike.
Teksti i plotë i Deklaratës së Konformitetit është i disponueshëm në adresën e mëposhtme të internetit:
https://contact-us.denso.com/form/global/en/contact-us/doc

AL 02



UA RF: 3DENSFR19

модель: DNMWR019
смуга радіочастот: 76-77 ГГц
максимальна вихідна потужність: 859.0 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://contact-us.denso.com/form/global/en/contact-us/doc

D19 UA 01

გადამცემი: მოდელი: DNMWR019
მუშაობის სიხშირე: 76-77 GHz
მაქსიმალური გამომავალი სიმძლავრე: 859.0 mW ან ნაკლები
მწარმოებელი: DENSO CORPORATION
ათები: 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661, Japan

D19 GE 01

წინამდებარე დეკლარაციით, DENSO CORPORATION ვაცხადებ, რომ რადიომოწყობილობის ტიპი შეესაბამება რადიომოწყობილობის შესახებ ტექნიკური რეგლამენტის მოთხოვნებს. შესაბამისობის დეკლარაციის სრული ტექსტი ხელმისაწვდომია შემდეგ ინტერნეტმისამართზე:
https://contact-us.denso.com/form/global/en/contact-us/doc

GE 01

Предајник: Модел: DNMWR019
Радна фреквенција: 76-77 GHz
Максимална излазна снага: 859.0 mW или мање
Произвођач: DENSO CORPORATION
Адреса: 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661, Japan

D19 RS 01

Овиме, DENSO CORPORATION изјављује да је радио опрема тип усаглашена са Директивом 2014/53/EU.
Цео текст ЕУ декларације о усаглашености доступам је на следећој интернет адреси:
https://contact-us.denso.com/form/global/en/contact-us/doc

EU 26 01

| | |
|---|---|
| Transmitter: | Model: DNMWR019<br>Operation frequency: 76.5 GHz<br>Maximum output power: 859.0 mW or less |
| Manufacturer: | DENSO CORPORATION |
| Address: | 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661<br>Japan |

D19 EU 01

Prin prezenta, DENSO CORPORATION declară că tipul de echipamente radio este în conformitate cu Reglementarea tehnică „Punerea la dispoziție pe piață a echipamentelor radio”.
Textul integral al declarației de conformitate este disponibil la următoarea adresă de Internet:
https://contact-us.denso.com/form/global/en/contact-us/doc

MD 02

IL:VAT ID 40911612

IL 04

חל איסור לבצע פעולות במכשיר שיש בהן כדי לשנות את תכונותיו האלחוטיות של המכשיר, ובכלל זה שינויי תוכנה, החלפת אנטנה מקורית או הוספת אפשרות לחיבור לאנטנה חיצונית, בלא קבלת אישור משרד התקשורת, בשל החשש להפרעות אלחוטיות.

IL 02

טויוטה מוטור אירופה נו\סא, שדרות דו בורגט 60-1140 בריסל, בלגיה www.toyota-europe.com

IL 03

| |
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| מוצר : מכ"מ התראה |
| סימן רשום : DENSO |
| ארץ ייצור : יפן \ ארה"ב \ סין |
| דגם : DNMWR019 |
| שנת ייצור : ראה מוצר |

D19 IL 01

## Wireless charger

Manufacturer
・Name：Panasonic Automotive Systems Co., Ltd.
・Address：4261, Ikonobe-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken 224-8520, Japan

Specifications of Wireless charger
Frequency band：116.0-133.0kHz
Maximum radio-frequency power： 15W Max

Model No.[＊]
CA-QLMEX34D

CE

Hereby, Panasonic Automotive Systems Co., Ltd. declares that the radio equipment type [ * ] is in compliance with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following internet address:
https://www.ptc.panasonic.eu/

С настоящото Panasonic Automotive Systems Co., Ltd. декларира, че този тип радиосъоръжение [ * ] е в съответствие с Директива 2014/53/ЕС.
Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес:
https://www.ptc.panasonic.eu/

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| Tímto Panasonic Automotive Systems Co., Ltd. prohlašuje,<br>že typ rádiového<br>zařízení [ * ] je v souladu se směrnicí 2014/53/EU.<br>Úplné znění EU prohlášení o shodě je k dispozici na této<br>internetové adrese:<br>https://www.ptc.panasonic.eu/ |
| Hermed erklærer Panasonic Automotive Systems Co., Ltd. , at<br>radioudstyrstypen [ * ] er i overensstemmelse med direktiv<br>2014/53/EU.<br>EU-overensstemmelseserklæringens fulde tekst kan findes<br>på følgende internetadresse:<br>https://www.ptc.panasonic.eu/ |
| Hiermit erklärt Panasonic Automotive Systems Co., Ltd. , dass der<br>Funkanlagentyp [ * ] der Richtlinie 2014/53/EU entspricht.<br>Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden<br>Internetadresse verfügbar:<br>https://www.ptc.panasonic.eu/ |
| Käesolevaga deklareerib Panasonic Automotive Systems Co., Ltd. ,<br>et käesolev raadioseadme tüüp<br>[ * ] vastab direktiivi 2014/53/EL nõuetele.<br>ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel<br>internetiaadressil:<br>https://www.ptc.panasonic.eu/ |
| Με την παρούσα ο/η Panasonic Automotive Systems Co., Ltd. ,<br>δηλώνει ότι ο ραδιοεξοπλισμός<br>[ * ] πληροί την οδηγία 2014/53/ΕΕ.<br>Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται<br>στην ακόλουθη ιστοσελίδα στο διαδίκτυο:<br>https://www.ptc.panasonic.eu/ |

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| Por la presente, Panasonic Automotive Systems Co., Ltd.<br>declara que el tipo de equipo radioeléctrico [ * ] es conforme con la Directiva 2014/53/UE.<br>El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:<br>https://www.ptc.panasonic.eu/ |
| Le soussigné, Panasonic Automotive Systems Co., Ltd. déclare que l'équipement radioélectrique<br>du type [ * ] est conforme à la directive 2014/53/UE.<br>Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:<br>https://www.ptc.panasonic.eu/ |
| Il fabbricante, Panasonic Automotive Systems Co., Ltd. ,<br>dichiara che il tipo di apparecchiatura radio<br>[ * ] è conforme alla direttiva 2014/53/UE.<br>Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:<br>https://www.ptc.panasonic.eu/ |
| Ar šo Panasonic Automotive Systems Co., Ltd. deklarē,<br>ka radioiekārta [ * ] atbilst Direktīvai 2014/53/ES.<br>Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:<br>https://www.ptc.panasonic.eu/ |
| Aš, Panasonic Automotive Systems Co., Ltd. , patvirtinu,<br>kad radijo įrenginių tipas [ * ] atitinka Direktyvą 2014/53/ES.<br>Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:<br>https://www.ptc.panasonic.eu/ |
| Panasonic Automotive Systems Co., Ltd. ovime izjavljuje<br>da je radijska oprema tipa [ * ] u skladu s Direktivom 2014/53/EU.<br>Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:<br>https://www.ptc.panasonic.eu/ |

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| Panasonic Automotive Systems Co., Ltd. igazolja,<br>hogy a [ * ] típusú rádióberendezés megfelel<br>a 2014/53/EU irányelvnek.<br>Az EU-megfelelőségi nyilatkozat teljes szövege<br>elérhető a következő internetes címen:<br>https://www.ptc.panasonic.eu/ |
| B'dan, Panasonic Automotive Systems Co., Ltd. ,<br>niddikjara li dan it-tip ta' tagħmir tar-radju [ * ] huwa konformi<br>mad-Direttiva 2014/53/UE.<br>It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa<br>disponibbli f'dan l-indirizz tal-Internet li ġej:<br>https://www.ptc.panasonic.eu/ |
| Hierbij verklaar ik, Panasonic Automotive Systems Co., Ltd. ,<br>dat het type radioapparatuur [ * ] conform is met Richtlijn<br>2014/53/EU.<br>De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd<br>op het volgende internetadres:<br>https://www.ptc.panasonic.eu/ |
| Panasonic Automotive Systems Co., Ltd. niniejszym<br>oświadcza, że typ urządzenia radiowego [ * ] jest zgodny<br>z dyrektywą 2014/53/UE.<br>Pełny tekst deklaracji zgodności UE jest dostępny pod<br>następującym adresem internetowym:<br>https://www.ptc.panasonic.eu/ |
| O(a) abaixo assinado(a) Panasonic Automotive Systems Co., Ltd. declara que o<br>presente tipo de equipamento<br>de rádio [ * ] está em conformidade com a Diretiva 2014/53/UE.<br>O texto integral da declaração de conformidade está disponível<br>no seguinte endereço de Internet:<br>https://www.ptc.panasonic.eu/ |

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| Prin prezenta, Panasonic Automotive Systems Co., Ltd.<br>declară că tipul de echipamente radio [ * ] este în conformitate<br>cu Directiva 2014/53/UE.<br>Textul integral al declarației UE de conformitate este disponibil<br>la următoarea adresă internet:<br>https://www.ptc.panasonic.eu/ |
| Panasonic Automotive Systems Co., Ltd. týmto vyhlasuje,<br>že rádiové zariadenie typu [ * ] je v<br>súlade so smernicou 2014/53/EÚ.<br>Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:<br>https://www.ptc.panasonic.eu/ |
| Panasonic Automotive Systems Co., Ltd. potrjuje, da je tip radijske opreme [ * ]<br>skladen z Direktivo 2014/53/EU.<br>Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem<br>spletnem naslovu:<br>https://www.ptc.panasonic.eu/ |
| Panasonic Automotive Systems Co., Ltd. vakuuttaa, että radiolaitetyyppi [ * ] on<br>direktiivin 2014/53/EU mukainen.<br>EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti<br>on saatavilla seuraavassa internetosoitteessa:<br>https://www.ptc.panasonic.eu/ |
| Härmed försäkrar Panasonic Automotive Systems Co., Ltd.<br>att denna typ av radioutrustning [ * ] överensstämmer med<br>direktiv 2014/53/EU.<br>Den fullständiga texten till EU-försäkran om överensstämmelse<br>finns på följande webbadress:<br>https://www.ptc.panasonic.eu/ |

Manufacturer
・Name：Panasonic Automotive Systems Co., Ltd.
・Address：4261, Ikonobe-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken 224-8520, Japan

Specifications of Wireless charger
Frequency band：116.0-133.0kHz
Maximum radio-frequency power： 15W Max

Model No.[＊]
CA-QLMEX34D

UK
CA

Hereby, Panasonic Automotive Systems Co., Ltd. declares
that the radio
equipment type[ * ] is in compliance with The Radio Equipment Regulations 2017.
The full text of the UK declaration of conformity is available
at the following internet address:
https://www.ptc.panasonic.eu/

Бездротовий зарядний пристрій
смугу радіочастот, в якій працює радіообладнання; 116.4-133.111kHz
максимальну потужність випромінювання в смузі радіочастот, в якій працює радіообладнання;  15W

моделі №.[ * ]
AT2501

справжнім Panasonic Automotive Systems Co., Ltd. заявляє,
що тип радіообладнання [ * ]  відповідає Технічному регламенту радіообладнання;
повний текст декларації про відповідність доступний на
веб-сайті за такою адресою:
https://service.panasonic.ua/
(розділ «Технічне регулювання»)

Producător
Nume : Panasonic Automotive Systems Co., Ltd.
Adresa : 4261, Ikonobe-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken 224-8520, Japan

încărcător wireless
Banda de frecvență : 116.0-133.0kHz
Puterea maximă a frecvenței radio : 15W Max

Numarul modelului.[*]
CA-QLMEX34D

CE

Prin prezenta, Panasonic Automotive Systems Co., Ltd. declară
că tipul de echipamente radio [*] este în conformitate cu Reglementarea
tehnică „Punerea la dispoziție pe piață a echipamentelor radio”.
Textul integral al declarației de conformitate este disponibil
la următoarea adresă de Internet:https://service.panasonic.ua

מספר זיהוי היבואן:511487761

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.

Üretici firma
・ İsim ：Panasonic Automotive Systems Co., Ltd.
・ Adres ：4261, Ikonobe-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken 224-8520, Japan

Kablosuz şarj cihazı
Frekans bandı ：116.0-133.0kHz
Maksimum radyo frekansı gücü ： 15W Maks.

Panasonic Automotive Systems Co., Ltd. , [*] tipi
radyo ekipmanının 2014/53 / AB Yönetmeliğine
uygun olduğunu beyan eder.
Uygunluk beyanının tam metnine aşağıdaki internet adresinden ula
şılabilir:
https://www.ptc.panasonic.eu/

Model No.[＊]
CA-QLMEX34D

მწარმოებელი
・სახელი: Panasonic Automotive Systems Co., Ltd.
・მისამართი: 4261, Ikonobe-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken 224-8520, Japan

უკაბელო დამტენის სპეციფიკაციები
სიხშირის დიაპაზონი:116.0-133.0kHz
მაქსიმალური რადიოსიხშირული სიმძლავრე: 15W Max

წინამდებარე დეკლარაციით, Panasonic Automotive Systems Co., Ltd. ვაცხადებ, რომ რადიომოწყობილობის ტიპი [*] შეესაბამება რადიომოწყობილობის შესახებ ტექნიკური რეგლამენტის მოთხოვნებს. შესაბამისობის დეკლარაციის სრული ტექსტი ხელმისაწვდომია შემდეგ ინტერნეტმისამართზე:
https://service.panasonic.ua/

მოდელი ნომერი[＊]
CA-QLMEX34D

Access to https://www.ptc.panasonic.eu/, enter the below Model No. into the keyword search box, you can download the latest "DECLARATION of CONFORMITY" (DoC).

Model No.[＊]
CA-QLMEX34D

Мануфацтуре ц турер
・Назив:  Panasonic Automotive Systems Co., Ltd.
・Адреса:4261, Ikonobe-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken 224-8520, Japan





И 005 24

Спецификације бежичног пуњача
Радиофреквенцијски опсег :  116.0-133.0kHz
Максимална радиофреквентна снага : 15W

Овим путем Panasonic Automotive Systems Co., Ltd.
изјављује да је тип радио опреме [*] у складу са Директивом 2014/53/ЕУ.
Пун текст ЕУ изјаве о усаглашености доступан је на следећој
интернет адреси:
https://www.ptc.panasonic.eu/

Model No.[＊]
CA-QLMEX34D

## Tire pressure warning system

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|---|
| ・Manufacturer's name: PACIFIC INDUSTRIAL CO., LTD.<br>・Manufacturer's address: 1300-1 Yokoi, Godo-cho, Anpachi-gun, Gifu, 503-2397 JAPAN<br>・Operating frequency band: 433.05 − 434.79MHz<br>・Maximum radio-frequency power: 92.8dB μV/m@3m(Radiated) |
| Hereby, PACIFIC INDUSTRIAL CO., LTD. declares that the radio equipment type PMV-H101 is in compliance with Directive 2014/53/EU.<br>The full text of the EU declaration of conformity is available at the following internet address:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |
| PACIFIC INDUSTRIAL CO., LTD. vakuuttaa, että radiolaitetyyppi<br>PMV-H101 on direktiivin 2014/53/EU mukainen.<br>EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |
| Hierbij verklaar ik, PACIFIC INDUSTRIAL CO., LTD., dat het type radioapparatuur PMV-H101 conform is met Richtlijn 2014/53/EU.<br>De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |

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| Le soussigné, PACIFIC INDUSTRIAL CO., LTD., déclare que l'équipement radioélectrique du type PMV-H101 est conforme à la directive 2014/53/UE.<br>Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |
| Härmed försäkrar PACIFIC INDUSTRIAL CO., LTD. att denna typ av radioutrustning PMV-H101 överensstämmer med direktiv 2014/53/EU.<br>Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |
| Hermed erklærer PACIFIC INDUSTRIAL CO., LTD., at radioudstyrstypen PMV-H101 er i overensstemmelse med direktiv 2014/53/EU.<br>EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |
| Hiermit erklärt PACIFIC INDUSTRIAL CO., LTD., dass der Funkanlagentyp PMV-H101 der Richtlinie 2014/53/EU entspricht.<br>Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:<br>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-H101 πληροί την οδηγία 2014/53/ΕΕ.<br>Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:<br>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-H101 è conforme alla direttiva 2014/53/UE.<br>Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:<br>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-H101 es conforme con la Directiva 2014/53/UE.<br>El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:<br>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-H101 está em conformidade com a Diretiva 2014/53/UE.<br>O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |

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| B'dan, PACIFIC INDUSTRIAL CO., LTD., niddikjara li dan it-tip ta' tagħmir tar-radju PMV-H101 huwa konformi mad-Direttiva 2014/53/UE.<br>It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |
| Käesolevaga deklareerib PACIFIC INDUSTRIAL CO., LTD., et käesolev raadioseadme tüüp PMV-H101 vastab direktiivi 2014/53/EL nõuetele.<br>ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |
| PACIFIC INDUSTRIAL CO., LTD. igazolja, hogy a PMV-H101 típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.<br>Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |
| PACIFIC INDUSTRIAL CO., LTD. týmto vyhlasuje, že rádiové zariadenie typu PMV-H101 je v súlade so smernicou 2014/53/EÚ.<br>Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |

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| Tímto PACIFIC INDUSTRIAL CO., LTD. prohlašuje, že typ rádiového zařízení PMV-H101 je v souladu se směrnicí 2014/53/EU.<br>Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |
| PACIFIC INDUSTRIAL CO., LTD. potrjuje, da je tip radijske opreme PMV-H101 skladen z Direktivo 2014/53/EU.<br>Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |
| Aš, PACIFIC INDUSTRIAL CO., LTD., patvirtinu, kad radijo įrenginių tipas PMV-H101 atitinka Direktyvą 2014/53/ES.<br>Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |
| Ar šo PACIFIC INDUSTRIAL CO., LTD. deklarē, ka radioiekārta PMV-H101 atbilst Direktīvai 2014/53/ES.<br>Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |

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| PACIFIC INDUSTRIAL CO., LTD. niniejszym oświadcza, że typ urządzenia radiowego PMV-H101 jest zgodny z dyrektywą 2014/53/UE.<br>Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |
| Hér með lýsir PACIFIC INDUSTRIAL CO., LTD. yfir því að PMV-H101 er i samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU.<br>Samræmisyfirlýsing er einning aðgengileg á eftirfarandi vefslóð:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |
| PACIFIC INDUSTRIAL CO., LTD. erklærer at PMV-H101 er i overensstemmelse med direktiv 2014/53/EU.<br>Samsvarserklæringen I fulltekst er tilgjengelig på følgende internettadresse:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |
| С настоящото PACIFIC INDUSTRIAL CO., LTD. декларира, че този тип радиосъоръжение PMV-H101 е в съответствие с Директива 2014/53/ЕС.<br>Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |

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| Prin prezenta, PACIFIC INDUSTRIAL CO., LTD. declară că tipul de echipamente radio PMV-H101 este în conformitate cu Directiva 2014/53/UE.<br>Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |
| U ovom dokumentu, PACIFIC INDUSTRIAL CO., LTD. deklariše da je radio oprema model PMV-H101 usklađena sa Directive 2014/53/EU.<br>Cio tekst EU deklaracije usklađenosti dostupan je na slijedećoj interent adresi:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |
| Овим, PACIFIC INDUSTRIAL CO., LTD. изјављује да је радио опрема типа PMV-H101 усклађена са Directive 2014/53/EU.<br>Комплетан текст декларације ЕУ за усаглашеност доступан је на следећој веб адреси:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |
| PACIFIC INDUSTRIAL CO., LTD. ovime izjavljuje da je radijska oprema tipa PMV-H101 u skladu s Direktivom 2014/53/EU.<br>Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |

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| Këtu, PACIFIC INDUSTRIAL CO., LTD. deklaron se pajisja radio PMV-H101 është në përputhje me Directive 2014/53/EU. Teksti i plotë i deklaratës së konformitetit të BE-së gjendet në adresën e mëposhtme të internetit: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |
| İşbu belge; PACIFIC INDUSTRIAL CO., LTD. telsiz ekipmanı tipinin PMV-H101 2014/53/AB sayılı Direktif'e uygun olduğunu beyan eder.<br>AB uygunluk beyanının tam metni aşağıdaki internet adresinde mevcuttur:<br>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-H101 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:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/etc/ |
| წინამდებარე დეკლარაციით, PACIFIC INDUSTRIAL CO., LTD. ვაცხადებ, რომ რადიომოწყობილობის ტიპი PMV-H101 შეესაბამება რადიომოწყობილობის შესახებ ტექნიკური რეგლამენტის მოთხოვნებს.<br>შესაბამისობის დეკლარაციის სრული ტექსტი ხელმისაწვდომია შემდეგ ინტერნეტმისამართზე:<br>https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ |

UK(England, Wales and Scotland)
・Manufacturer's name: PACIFIC INDUSTRIAL CO., LTD.
・Manufacturer's address: 1300-1 Yokoi, Godo-cho, Anpachi-gun, Gifu, 503-2397 JAPAN
・Operating frequency band: 433.05 - 434.79MHz
・Maximum radio-frequency power: 92.8dBμV/m@3m(Radiated)

Hereby, PACIFIC INDUSTRIAL CO., LTD. declares that the radio equipment type PMV-H101 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-H101
- Виробник: PACIFIC INDUSTRIAL CO., LTD.

- Найменування та адреса виробника або його уповноваженого представника

PACIFIC INDUSTRIAL CO., LTD.
1300-1 Yokoi, Godo-cho, Anpachi-Gun, Gifu, 503-2397
Japan/Японія.

- Діапазон частот, МГц: 433,05 - 434,79
- Максимальна вихідна потужність передавача, мВт (дБм): 1,0 (0);

- Справжнім PACIFIC INDUSTRIAL CO., LTD. заявляє, що радіопередавач системи контролю тиску та температури в шинах автомобіля відповідає Технічному регламенту радіообладнання; повний текст декларації про відповідність доступний на веб-сайті за такою адресою:
https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/ukr/



"מספר אישור התאמה מטעם משרד התקשורת:"–55-19461

"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.";

## Air conditioning system (except for Tajikistan, Turkmenistan, Armenia, Kyrgyzstan, Kazakhstan, Ukraine, Moldova, Azerbaijan and Georgia)

Type: R-1234yf (HFO-1234yf)

Capacity: 0.550 kg (1.21 lb.)

GWP (Global Warming Potential): 0.501

CO2 equivalent: 0.000276 t (0.608 lb.)

| |
|---|
| Contains fluorinated greenhouse gases |
| Съдържа флуорсъдържащи парникови газове |
| Sadržava fluorirane stakleničke plinove |
| Obsahuje fluorované skleníkové plyny |
| Indeholder fluorholdige drivhusgasser |
| Bevat gefluoreerde broeikasgassen |
| Sisaldab fluoritud kasvuhoonegaase |
| Sisältää fluorattuja kasvihuonekaasuja |
| Contient des gaz à effet de serre fluorés |
| Enthält fluorierte Treibhausgase |
| Περιέχει φθοριούχα αέρια του θερμοκηπίου |
| Fluortartalmú üvegházhatású gázokat tartalmaz |
| Contiene gas fluorurati a effetto serra |
| Sudėtyje yra fluorintų šiltnamio efektą sukeliančių dujų |
| Satur fluorētas siltumnīcefekta gāzes |
| Fih gassijiet fluworurati b'effett ta' serra |
| Zawiera fluorowane gazy cieplarniane |
| Contém gases fluorados com efeito de estufa |
| Conține gaze fluorurate cu efect de seră |
| Obsahuje fluórované skleníkové plyny |
| Vsebuje fluorirane toplogredne pline |
| Contiene gases fluorados de efecto invernadero |
| Innehåller fluorerade växthusgaser |
| Inneholder fluorholdige drivhusgasser |
| Inniheldur flúoraðar gróðurhúsalofttegundir |
| Florlu sera gazları içerir |

## Jack

# EC Declaration of Conformity

We, WAKO INDUSTRY CO., LTD. , 1823 Shinmachi Takasaki Gumma 370-1301 Japan, hereby declare that the machine described below.
This declaration shall cease to be valid if modifications, that includes disassemble and re-built, are made to the product. If usage is other than specific model of vehicle this declaration shall cease also.

| | |
|---|---|
| **Product:** | Jack Sub-assy, Pantograph, applied to the specific vehicle |
| **Model:** | 0.8ton , 1.1ton , 1.35ton , 1.5ton |

Applicable EU directives covered by this declaration is the Machinery Directive 89/392/EEC. The products identified above complies with the requirements of the Machinery above by applied standard is "JIS D8103-2006". It is ensured through internal measures that production units confirm at all times to requirement of current EC Directives and relevant standards.
A sample of the products has been tested by our quality assurance department.

**Signed by:** Tamotsu Sekiguchi

Tamotsu Sekiguchi
Operating Officer, Quality Assurance

**Date of Issue:** 21/Feb/2018

## UK Declaration of Conformity

We, WAKO INDUSTRY CO., LTD. , 1823 Shinmachi Takasaki Gumma 370-1301 Japan, hereby declare that the machine described below.
This declaration shall cease to be valid if modifications, that includes disassemble and re-built, are made to the product. If usage is other than specific model of vehicle this declaration shall cease also.

| | |
|---|---|
| **Product:** | Jack Sub-assy, Pantograph, applied to the specific vehicle |
| **Model:** | 0.8ton , 0.9ton , 1.1ton , 1.35ton , 1.5ton |

Applicable EU directives covered by this declaration is the Supply of Machinery(Safety) Regulations 2008. The products identified above complies with the requirements of the Machinery above by applied standard is "JIS D8103-2006". It is ensured through internal measures that production units confirm at all times to requirement of current UK / EC Directives and relevant standards. A sample of the products has been tested by our quality assurance department.

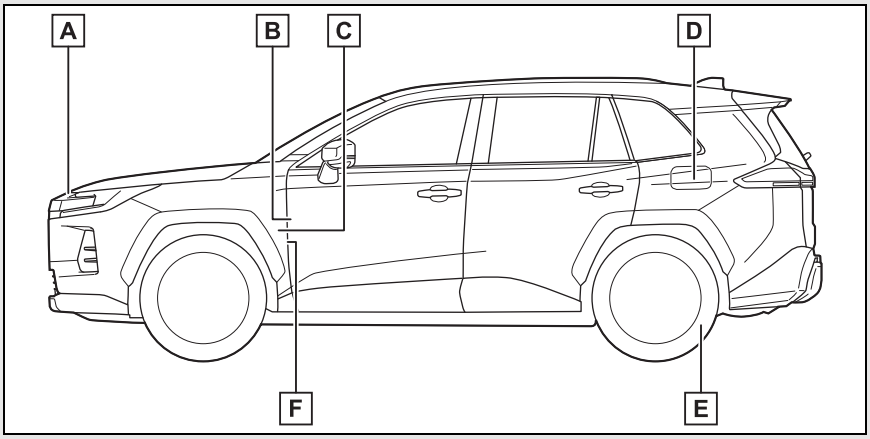
**Signed by:** Tamotsu Sekiguchi

Tamotsu Sekiguchi
Operating Officer, Quality Assurance

**Date of Issue:** 30/Aug/2021

**WAKO INDUSTRY CO., LTD.**
1823 Shinmachi Takasaki, Gumma 370-1301 Japan
Tel : (81) 0274-42-1253
Fax (81) 0274-42-6735

## GAS STATION INFORMATION




A Auxiliary catch lever (→P.499)

B Power back door switch* (→P.147)

C Fuel filler door opener switch (→P.270)

D Fuel filler door (→P.270)

E Tire inflation pressure (→P.611)

F Hood lock release lever (→P.499)

*: Vehicles with power back door

| | | |
|---|---|---|
| Fuel tank capacity (Reference) | 55 L (14.5 gal., 12.1 Imp.gal.) | |
| Fuel type | Unleaded gasoline only | P.606 |
| Cold tire inflation pressure | | P.611 |
| Engine oil capacity (Drain and refill — reference) | | P.607 |
| Engine oil type | | P.607 |