Corolla HB/TS

OWNER'S MANUAL



Toyota Motor Europe NV/SA Address: Avenue du bourget 60 -1140 Brussels, Belgium

2015 TOYOTA MOTOR CORPORATION All rights reserved. This material may not be reproduced or copied, in whole or in part, without the written permission of Toyota Motor Corportation

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

For your information 6
Reading this manual..... 9
How to search 10
Pictorial index..... 11

1 For safety and security

1-1. For safe use
Before driving..... 30
For safe driving 31
Seat belts..... 33
SRS airbags..... 37
Exhaust gas precautions 45
1-2. Child safety
Airbag manual on-off system 46
Riding with children..... 47
Child restraint systems 48
1-3. Emergency assistance
eCall..... 69
1-4. Hybrid system
Hybrid system features 80
Hybrid system precautions ... 83
1-5. Theft deterrent system
Immobilizer system 88
Double locking system..... 89
Alarm 90

2 Vehicle status information and indicators

2-1. Instrument cluster
Warning lights and indicators 96
Gauges and meters (7-inch display)..... 100
Gauges and meters (12.3-inch display) 104
Multi-information display (7-inch display) 109
Multi-information display (12.3-inch display) 115
Head-up display..... 122
Energy monitor/consumption screen..... 126

3 Before driving

3-1. Key information
Keys..... 132
3-2. Opening, closing and locking the doors
Side doors..... 135
Back door..... 139
Smart entry & start system 151
3-3. Adjusting the seats
Front seats..... 158
Rear seats 159
Head restraints 161
3-4. Adjusting the steering wheel and mirrors
Steering wheel..... 163
Inside rear view mirror 164
Outside rear view mirrors.... 165
3-5. Opening and closing the windows
Power windows..... 168
Panoramic moon roof 170
3-6. Favorite settings
My Settings..... 175

4 Driving

4-1. Before driving

Driving the vehicle 183
Cargo and luggage 189
Trailer towing 191

4-2. Driving procedures

Power (ignition) switch 198
EV drive mode 202
Hybrid transmission (vehicles without paddle shift switches) 204
Hybrid transmission (vehicles with paddle shift switches) 207
Turn signal lever 211
Parking brake 211
Brake Hold 214

4-3. Operating the lights and wipers

Headlight switch 217
AHB (Automatic High Beam) 221
AHS (Adaptive High-beam System) 224
Fog light switch 228
Windshield wipers and washer 229
Rear window wiper and washer 232

4-4. Refueling

Opening the fuel tank cap ... 234

4-5. Using the driving support systems

Toyota Safety Sense software update 236
Toyota Safety Sense 238
PCS (Pre-Collision System) 244
LTA (Lane Tracing Assist) ... 254
LDA (Lane Departure Alert) 259
PDA (Proactive driving assist) 264
RSA (Road Sign Assist) 269
Dynamic radar cruise control 273
Cruise control 282
Emergency Driving Stop System 285
Speed limiter 287
BSM (Blind Spot Monitor) ... 290
Toyota parking assist-sensor 295
RCTA (Rear Crossing Traffic Alert) function 302
PKSB (Parking Support Brake) 308
Parking Support Brake function (static objects) 314
Parking Support Brake function (rear-crossing vehicles) 317
Safe Exit Assist 319
Driving mode select switch 323
GPF (Gasoline Particulate Filter) system 325
Driving assist systems 326

4-6. Driving tips

Hybrid vehicle driving tips ... 331
Winter driving tips 333

5 Interior features

5-1. Using the air conditioning system and defogger
Automatic air conditioning system....338
Heated steering wheel/seat heaters....345
5-2. Using the interior lights
Interior lights list....347
5-3. Using the storage features
List of storage features....350
Luggage compartment features....353
5-4. Other interior features
Other interior features....362

6 Maintenance and care

6-1. Maintenance and care
Cleaning and protecting the vehicle exterior....374
Cleaning and protecting the vehicle interior....377
6-2. Maintenance
Maintenance requirements....380
6-3. Do-it-yourself maintenance
Do-it-yourself service precautions....382
Hood....384
Positioning a floor jack....385
Engine compartment....387
12-volt battery....396
Tires....398
Tire inflation pressure....414
Wheels....415
Air conditioning filter....417
Cleaning the hybrid battery (traction battery) air intake vents....419
Electronic key battery....422
Checking and replacing fuses....424
Light bulbs....427

7 When trouble arises

7-1. Essential information
Emergency flashers....434
If your vehicle has to be stopped in an emergency....434
If the vehicle is submerged or water on the road is rising....435
7-2. Steps to take in an emergency
If your vehicle needs to be towed....437
If you think something is wrong....440
If a warning light turns on or a warning buzzer sounds....442
If a warning message is displayed....452
If you have a flat tire (vehicles with an emergency tire puncture repair kit)....457
If you have a flat tire (vehicles with a spare tire)....469
If the hybrid system will not start....484
If you lose your keys....486
If the electronic key does not operate properly....486

If the 12-volt battery is discharged.....488
If your vehicle overheats.....495
If the vehicle becomes stuck 499

8 Vehicle specifications

8-1. Specifications
Maintenance data (fuel, oil level, etc.).....502
Fuel information 512
8-2. Customization
Customizable features 513
8-3. Initialization
Items to initialize 525

Index

What to do if... (Troubleshooting) 528
Alphabetical Index 531

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.

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 on 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.

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:

- Multiport fuel injection system/sequential multiport fuel injection system
- Toyota Safety Sense
- 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 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 vehicle 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.

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 by 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.

⚠ WARNING

■ General precautions while driving

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

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

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

■ General precaution regarding children’s safety

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

Children may be able to start the vehicle or shift the vehicle into neutral. There is also a danger that children may injure themselves by playing with the windows, the 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

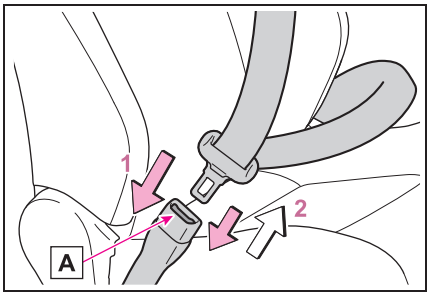
Reading this manual

Explains symbols used in this manual.

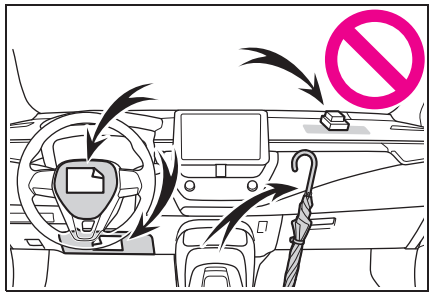
Symbols in this manual

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

Symbols in illustrations



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

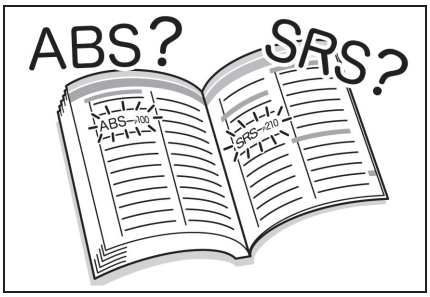


Symbols	Meanings
	Indicates the component or position being explained.
	Means **Do not**, **Do not do this**, or **Do not let this happen**.

How to search

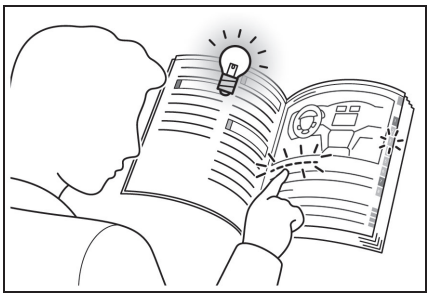
Searching by name

- Alphabetical index: →P.531



Searching by installation position

- Pictorial index: →P.11



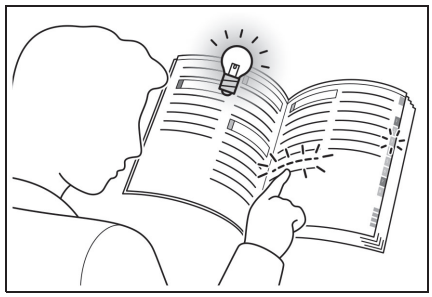
Searching by symptom or sound

- What to do if... (Troubleshooting): →P.528



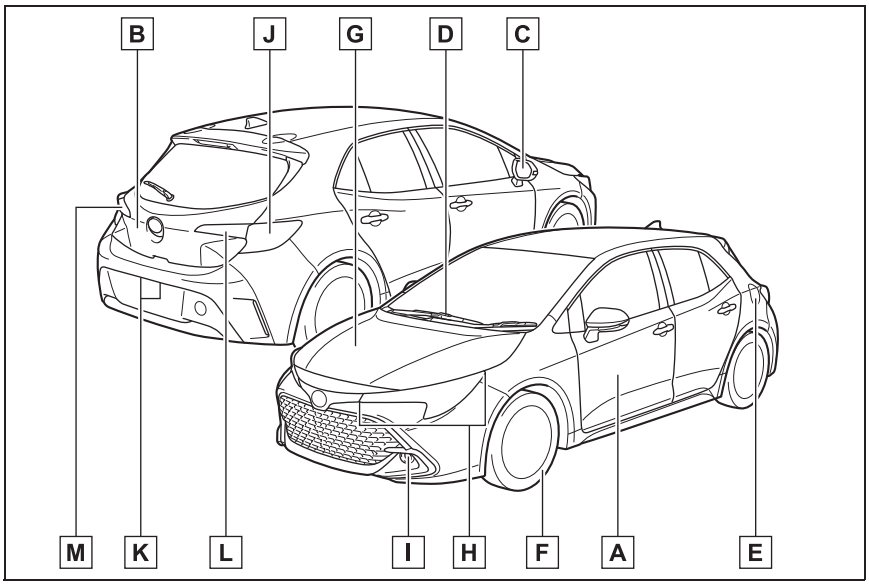
Searching by title

- Table of contents: →P.2



Pictorial index

■Exterior (hatchback)



A Side doors P.135

Locking/unlocking P.135

Opening/closing the side windows P.168

Locking/unlocking by using the mechanical key P.487

Warning messages P.139

B Back door P.139

Locking/unlocking P.141

Warning messages P.142

C Outside rear view mirrors P.165

Adjusting the mirror angle P.166

Folding the mirrors P.166

Defogging the mirrors P.341

D Windshield wipers P.229

Precautions for winter season P.333

Precautions for car wash P.375

To prevent freezing (windshield wiper de-icer)* P.343

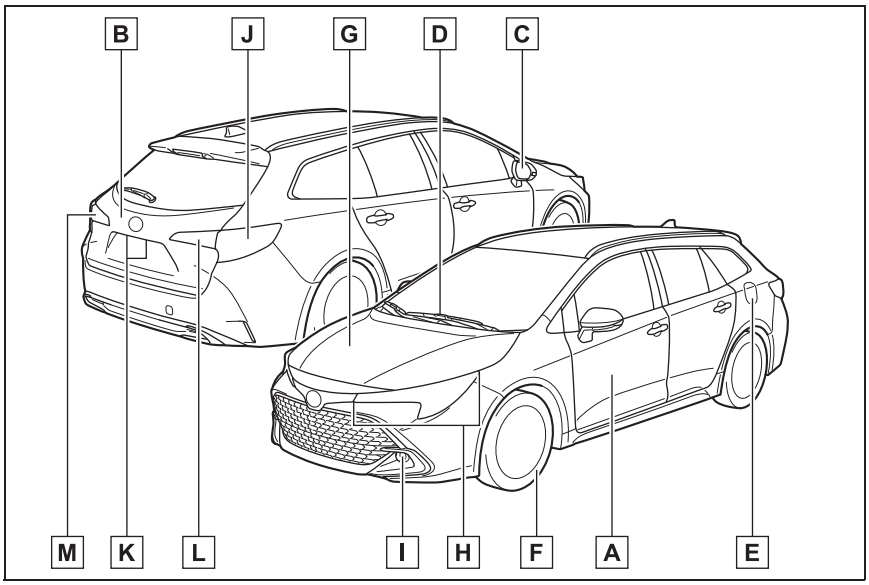
E **Fuel filler door P.234**
Refueling method P.235
Fuel type/fuel tank capacity P.505
F **Tires P.398**
Tire size/inflation pressure P.509
Winter tires/tire chains P.333
Checking/rotation/tire pressure warning system P.398
Coping with flat tires.....P.457, 469
G **Hood.....P.384**
Opening P.384
Engine oil P.506
Coping with overheating P.495

Light bulbs of the exterior lights for driving
(Replacing method: P.427, Watts: P.511)

H **Headlights/front position lights/daytime running lights/turn signal lightsP.211, 217**
I **Front fog lights*.....P.228**
J **Stop lights/tail lights/turn signal lights.....P.211, 217**
K **License plate lights.....P.217**
L **Tail light P.217**
Rear fog light or Back-up light P.228
Shifting the shift position to R P.204, 207
M **Tail light P.217**
Rear fog light or Back-up light P.228
Shifting the shift position to R P.204, 207

*: If equipped

■Exterior (wagon)



A **Side doors P.135**
Locking/unlocking P.135
Opening/closing the side windows P.168
Locking/unlocking by using the mechanical key P.487
Warning messages P.139

B **Back door P.139**
Locking/unlocking P.141
Warning messages P.142

C **Outside rear view mirrors P.165**
Adjusting the mirror angle P.166
Folding the mirrors P.166
Defogging the mirrors P.341

D **Windshield wipers P.229**
Precautions for winter season P.333
Precautions for car wash P.375
To prevent freezing (windshield wiper de-icer)* P.343

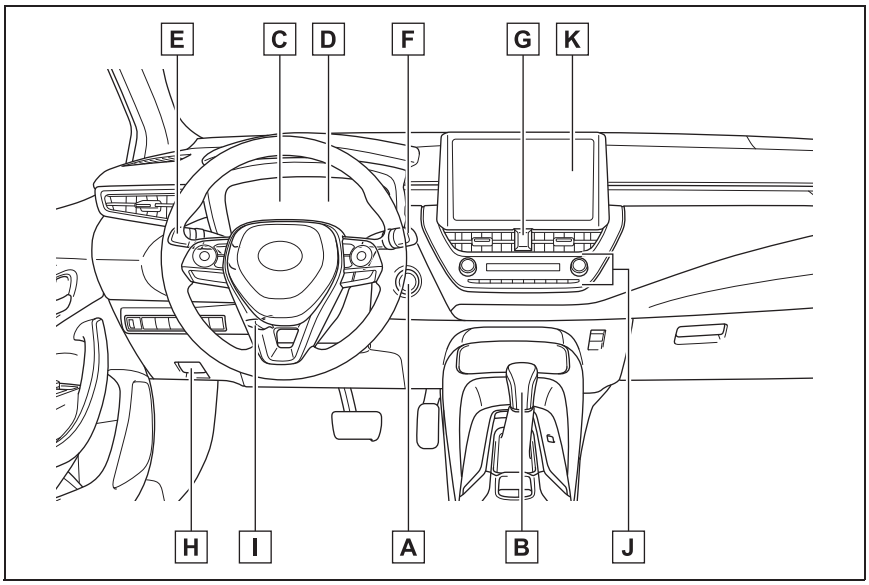
E **Fuel filler door P.234**
Refueling method P.235
Fuel type/fuel tank capacity P.505
F **Tires P.398**
Tire size/inflation pressure P.509
Winter tires/tire chains P.333
Checking/rotation/tire pressure warning system P.398
Coping with flat tires.....P.457, 469
G **Hood.....P.384**
Opening P.384
Engine oil P.506
Coping with overheating P.495

Light bulbs of the exterior lights for driving
(Replacing method: P.427, Watts: P.511)

H **Headlights/front position lights/daytime running lights/turn signal lightsP.211, 217**
I **Front fog lights*.....P.228**
J **Stop lights/tail lights/turn signal lights.....P.211, 217**
K **License plate lights.....P.217**
L **Tail light P.217**
Rear fog light or Back-up light P.228
Shifting the shift position to R P.204, 207
M **Tail light P.217**
Rear fog light or Back-up light P.228
Shifting the shift position to R P.204, 207

*: If equipped

■Instrument panel (left-hand drive vehicles)



A **Power switch P.198**
Starting the hybrid system/changing the modes P.198
Emergency stop of the hybrid system P.434
When the hybrid system will not start P.484
Warning messages P.452

B **Shift lever P.204, 207**
Changing the shift position P.204, 207
Precautions for towing P.437
When the shift lever does not move P.205, 208

C **Meters P.100, 104**
Reading the meters/adjusting the instrument panel light P.100, 104
Warning lights/indicator lights P.96
When a warning light turns on P.442

D **Multi-information display P.109, 115**
Display P.109, 115
Energy monitor P.126

When a warning message is displayed.....P.452

E **Turn signal lever P.211**
Headlight switch P.217

Headlights/front position lights/tail lights/daytime running lights P.217

Front fog lights*1/rear fog light P.228

F **Windshield wiper and washer switch P.229**
Rear window wiper and washer switch P.232

Usage.....P.229, 232

Adding washer fluid.....P.394

G **Emergency flasher switch.....P.434**

H **Hood lock release lever.....P.384**

I **Tilt and telescopic steering lock release lever.....P.163**

J **Air conditioning system P.338**

Usage.....P.338

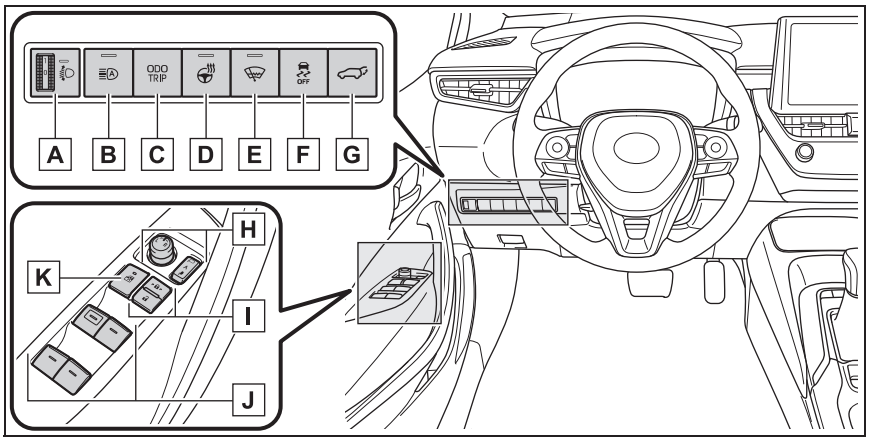
Rear window defogger P.341

K **Audio system*1, 2**

*1: If equipped

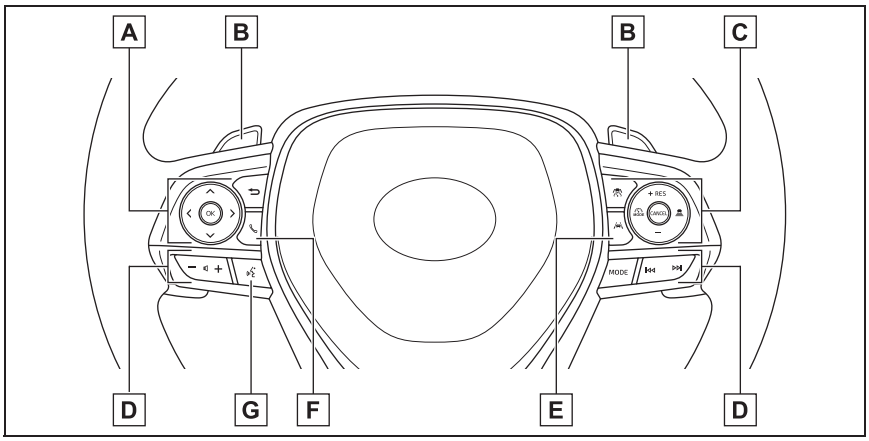
*2: Vehicles with multimedia system, refer to “Multimedia owner’s manual”.

■Switches (left-hand drive vehicles)



A Headlight leveling dial* P.219
B Automatic High Beam switch* P.221
AHS (Adaptive High-beam System)* P.224
C ODO TRIP switch* P.108
D Heated steering wheel switch* P.346
E Windshield wiper de-icer switch* P.343
F VSC OFF switch P.327
G Power back door switch* P.141
H Outside rear view mirror switches P.165
I Door lock switches P.138
J Power window switches P.168
K Window lock switch P.170

*: If equipped



A **Meter control switches** **P.110, 116**

B **Paddle shift switches**[*1] **P.209**

C **Cruise control/speed limiter switches**

Dynamic radar cruise control P.276

Cruise control P.282

Speed limiter P.287

D **Audio remote control switches**[*2] **P.370**

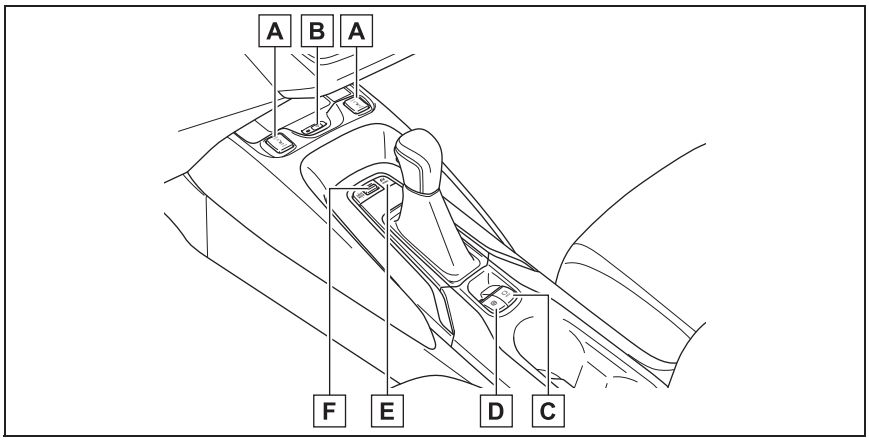
E **LTA (Lane Tracing Assist) switch** **P.254**

F **Phone switch**[*2] **P.370**

G **Talk switch**[*2] **P.370**

[*1]: If equipped

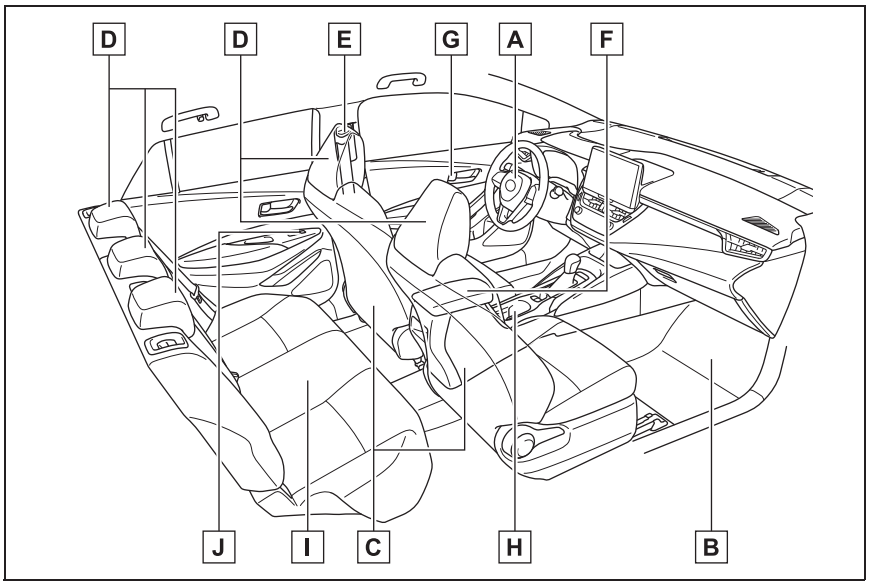
[*2]: Vehicles with multimedia system, refer to “Multimedia owner’s manual”.



A **Front seat heater switches*** **P.346**
B **Wireless charger switch*** **P.364**
C **Brake hold switch** **P.214**
D **Parking brake switch** **P.211**
Applying/releasing P.211
Precautions against winter season P.334
Warning buzzer/message P.442, 452
E **EV drive mode switch** **P.202**
F **Driving mode select switch** **P.323**

*: If equipped

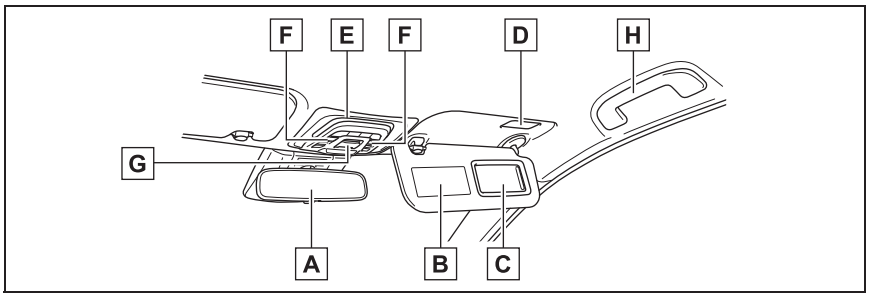
■Interior (left-hand drive vehicles)



A SRS airbags.....P.37
B Floor mats.....P.30
C Front seats.....P.158
D Head restraints.....P.161
E Seat belts.....P.33
F Console box.....P.352
G Inside lock buttons.....P.138
H Cup holders.....P.351
I Rear seats.....P.159
J Rear seat heater switches*.....P.346

*: If equipped

■Ceiling (left-hand drive vehicles)



A **Inside rear view mirror** **P.164**

B **Sun visors**[*1] **P.371**

C **Vanity mirrors** **P.371**

D **Vanity lights**[*2] **P.371**

E **Interior lights/personal lights** **P.347**

F **Panoramic moon roof switches**[*2] **P.170**

G **“SOS” button**[*2] **P.69**

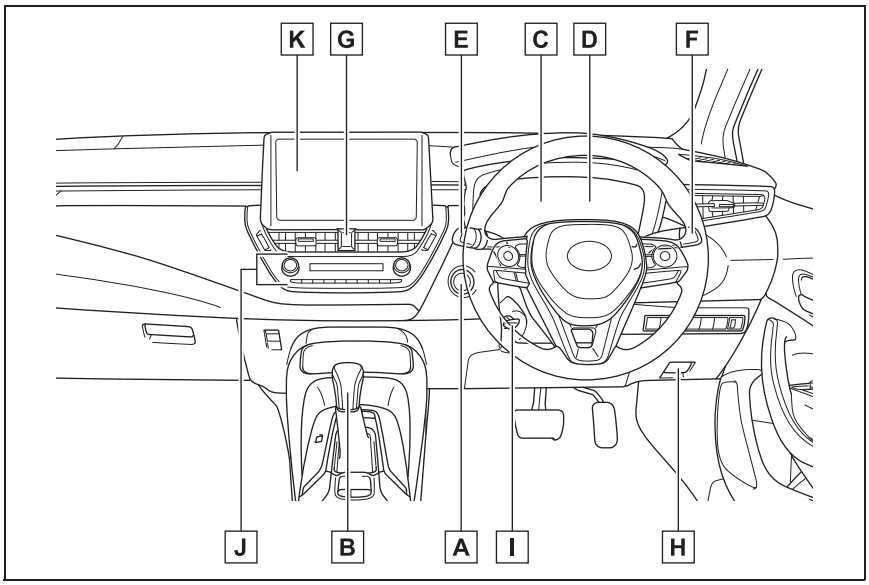
H **Assist grips**[*2] **P.371**

*1: 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.51)



*2: If equipped

■Instrument panel (right-hand drive vehicles)



A Power switch P.198

Starting the hybrid system/changing the modes P.198

Emergency stop of the hybrid system P.434

When the hybrid system will not start P.484

Warning messages P.452

B Shift lever P.204, 207

Changing the shift position P.204, 207

Precautions for towing P.437

When the shift lever does not move P.205, 208

C Meters P.100, 104

Reading the meters/adjusting the instrument panel light P.100, 104

Warning lights/indicator lights P.96

When a warning light turns on P.442

D Multi-information display P.109, 115

Display P.109, 115

Energy monitor P.126

When a warning message is displayed.....P.452

E **Turn signal lever P.211**
Headlight switch P.217

Headlights/front position lights/tail lights/daytime running lights P.217

Front fog lights*1/rear fog light P.228

F **Windshield wiper and washer switch P.229**
Rear window wiper and washer switch P.232

Usage.....P.229, 232

Adding washer fluid.....P.394

G **Emergency flasher switch.....P.434**

H **Hood lock release lever.....P.384**

I **Tilt and telescopic steering lock release lever.....P.163**

J **Air conditioning system P.338**

Usage.....P.338

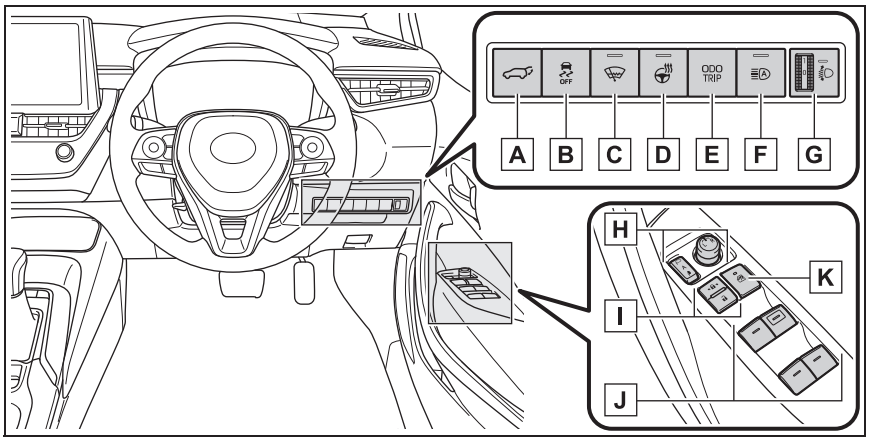
Rear window defogger P.341

K **Audio system*1, 2**

*1: If equipped

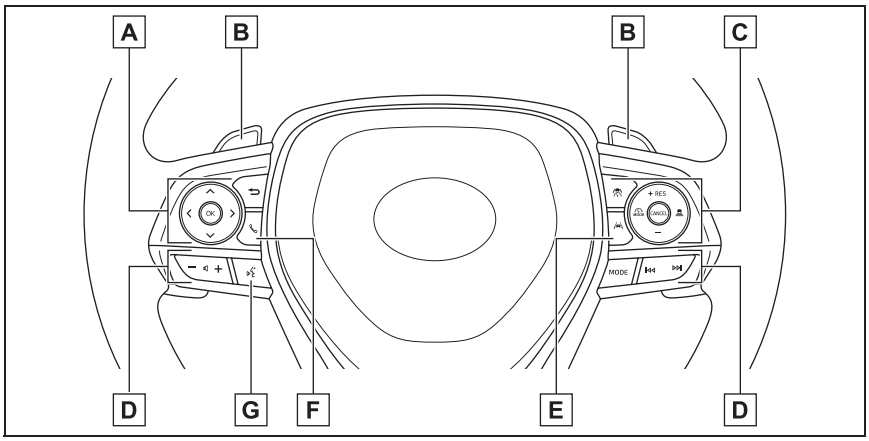
*2: Vehicles with multimedia system, refer to “Multimedia owner’s manual”.

■Switches (right-hand drive vehicles)



A Power back door switch* P.141
B VSC OFF switch P.327
C Windshield wiper de-icer switch* P.343
D Heated steering wheel switch* P.346
E ODO TRIP switch* P.108
F Automatic High Beam switch* P.221
AHS (Adaptive High-beam System)* P.224
G Headlight leveling dial* P.219
H Outside rear view mirror switches P.165
I Door lock switches P.138
J Power window switches P.168
K Window lock switch P.170

*: If equipped



A **Meter control switches** **P.110, 116**

B **Paddle shift switches**[*1] **P.209**

C **Cruise control/speed limiter switches**

Dynamic radar cruise control P.276

Cruise control P.282

Speed limiter P.287

D **Audio remote control switches**[*2] **P.370**

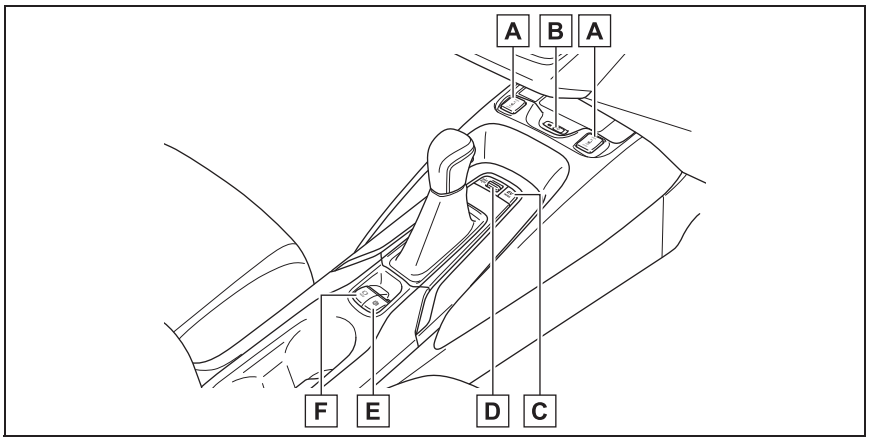
E **LTA (Lane Tracing Assist) switch** **P.254**

F **Phone switch**[*2] **P.370**

G **Talk switch**[*2] **P.370**

[*1]: If equipped

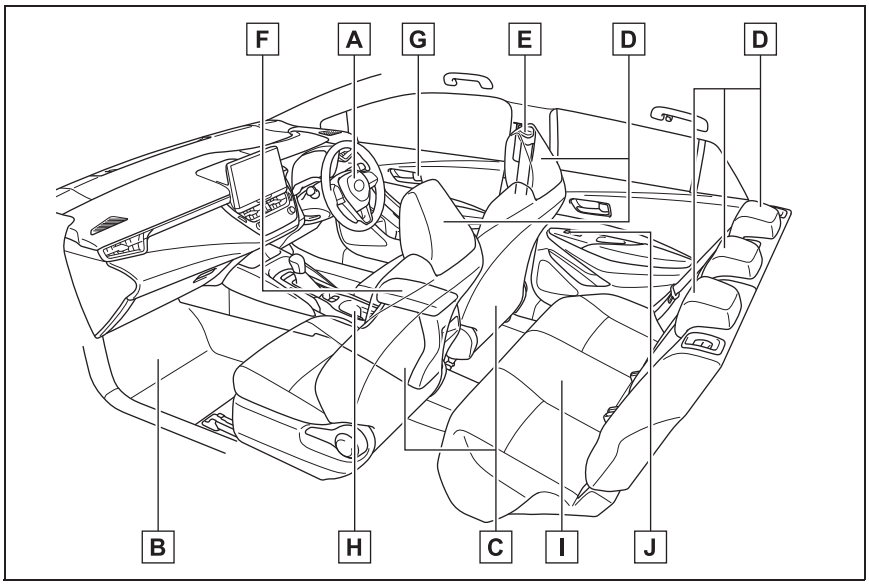
[*2]: Vehicles with multimedia system, refer to “Multimedia owner’s manual”.



A **Front seat heater switches*** **P.346**
B **Wireless charger switch*** **P.364**
C **EV drive mode switch** **P.202**
D **Driving mode select switch** **P.323**
E **Parking brake switch** **P.211**
Precautions for winter season P.334
F **Brake hold switch** **P.214**

*: If equipped

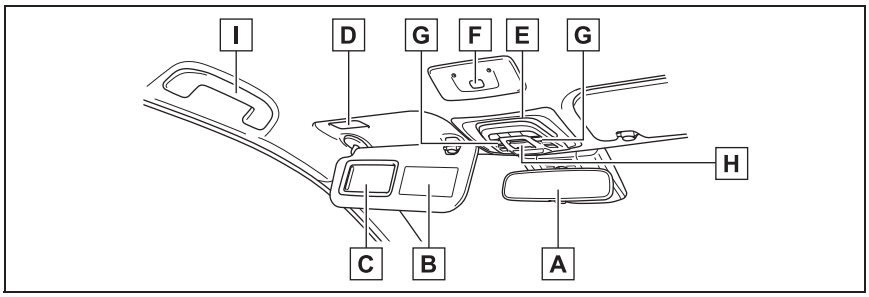
■Interior (right-hand drive vehicles)



A SRS airbags.....P.37
B Floor mats.....P.30
C Front seats.....P.158
D Head restraints.....P.161
E Seat belts.....P.33
F Console box.....P.352
G Inside lock buttons.....P.138
H Cup holders.....P.351
I Rear seats.....P.159
J Rear seat heater switches*.....P.346

*: If equipped

■Ceiling (right-hand drive vehicles)



A **Inside rear view mirror** **P.164**

B **Sun visors**[*1] **P.371**

C **Vanity mirrors** **P.371**

D **Vanity lights**[*2] **P.371**

E **Interior lights/personal lights** **P.347**

F **Intrusion sensor cancel switch**[*2] **P.91**

G **Panoramic moon roof switches**[*2] **P.170**

H **"SOS" button** **P.69**

I **Assist grips**[*2] **P.371**

*1: 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.51)



*2: If equipped

For safety and security 1

1-1. For safe use
Before driving 30
For safe driving 31
Seat belts 33
SRS airbags 37
Exhaust gas precautions 45
1-2. Child safety
Airbag manual on-off system 46
Riding with children 47
Child restraint systems 48
1-3. Emergency assistance
eCall 69
1-4. Hybrid system
Hybrid system features 80
Hybrid system precautions 83
1-5. Theft deterrent system
Immobilizer system 88
Double locking system 89
Alarm 90

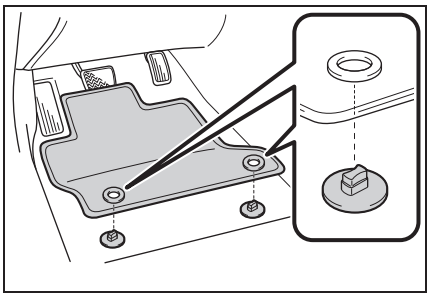
Before driving

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

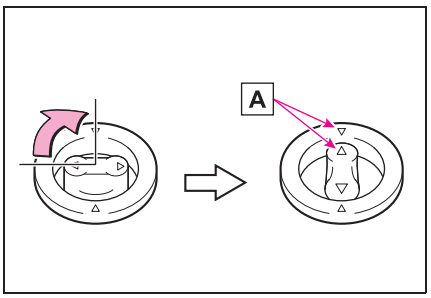
Floor mat

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

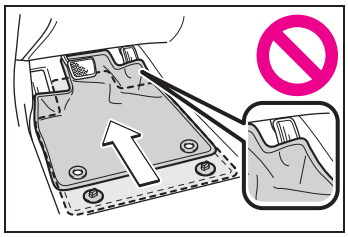
Observe the following precautions. Failure to do so may cause the driver's floor mat to slip, possibly interfering with the pedals while driving. An unexpectedly high speed may result or it may become difficult to stop the vehicle. This could lead to an accident, resulting in death or serious injury.

■ 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.



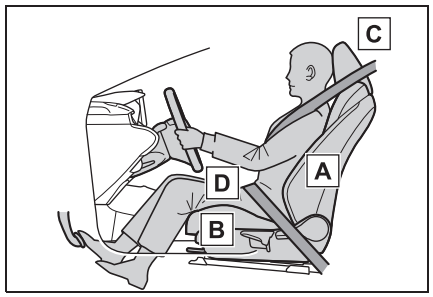
WARNING

- With the hybrid system stopped and the shift lever 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.158)

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.158)

C Lock the head restraint in place with the center of the head restraint closest to the top of your ears. (→P.161)

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

WARNING

■ For safe driving

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

WARNING

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

Correct use of the seat belts

Make sure that all occupants are wearing their seat belts before driving the vehicle. (→P.33)
Use a child restraint system appropriate for the child until the child becomes large enough to properly wear the vehicle's seat belt. (→P.48)

Adjusting the mirrors

Make sure that you can see backward clearly by adjusting the inside and outside rear view mirrors properly. (→P.164, 165)

Seat belts

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

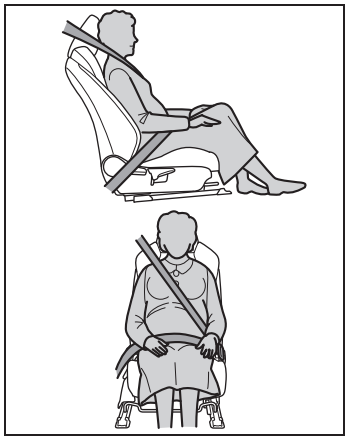
⚠ WARNING

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.34)

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.34)

■ When children are in the vehicle

→P.66

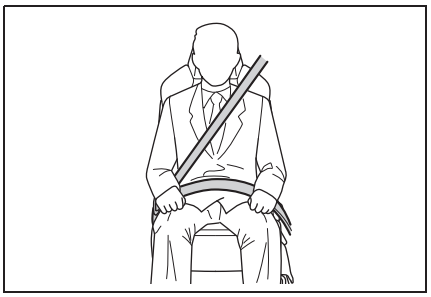
■ Seat belt damage and wear

- 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

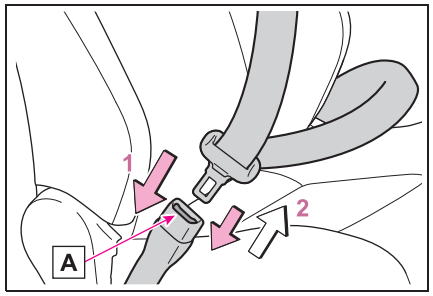
The seat belts of your vehicle were principally designed for persons of adult size.

- Use a child restraint system appropriate for the child, until the child becomes large enough to properly wear the vehicle's seat belt. (→P.48)
- When the child becomes large enough to properly wear the vehicle's seat belt, follow the instructions regarding seat belt usage. (→P.33)

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

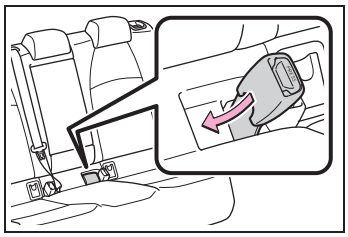
the release button A.

■ **Emergency locking retractor (ELR)**

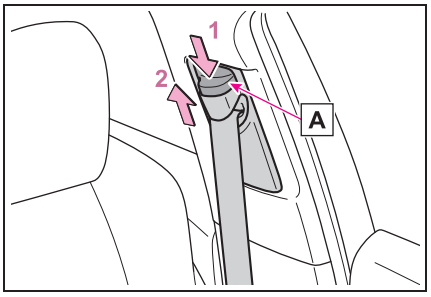
The retractor will lock the belt during a sudden stop or on impact. It may also lock if you lean forward too quickly. A slow, easy motion will allow the belt to extend so that you can move around fully.

■ **After using the rear center seat belt (If equipped)**

Stow seat belt buckle in the pocket.



Adjusting the seat belt shoulder anchor height (front seats)



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

2 Push the seat belt shoulder anchor up.

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

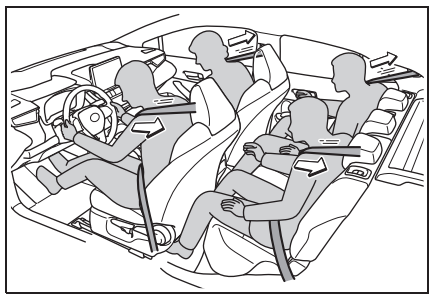
WARNING

■ **Adjustable shoulder anchor**

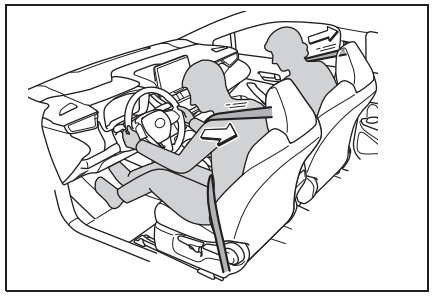
Always make sure the shoulder belt is positioned across the center of your shoulder. The belt should be kept away from your neck, but not falling off your shoulder. Failure to do so could reduce the amount of protection in an accident and cause death or serious injuries in the event of a sudden stop,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

Seat belt pretensioners

▶ front and outboard rear seats



▶ front seats



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

The pretensioners do not activate in the

event of a minor frontal impact, a minor side impact, a rear impact or a vehicle rollover.

Replacing the belt after the pretensioner has been activated

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

PCS-linked seat belt pretensioner control

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

WARNING

Seat belt pretensioners

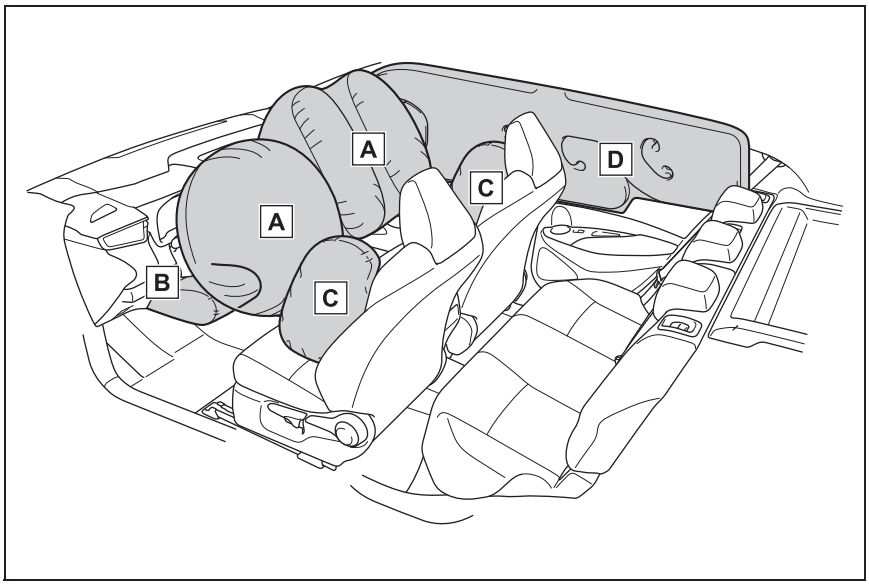
If the pretensioner has activated, the SRS warning light will come on. In that case, the seat belt cannot be used again and must be replaced at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. Failure to do so may cause death or serious injury.

SRS airbags

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

SRS airbag system

■ Location of the SRS airbags



▶ SRS front airbags

A SRS driver airbag/front passenger airbag

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

B SRS knee airbag

Can help provide driver protection

▶ SRS side and curtain shield airbags

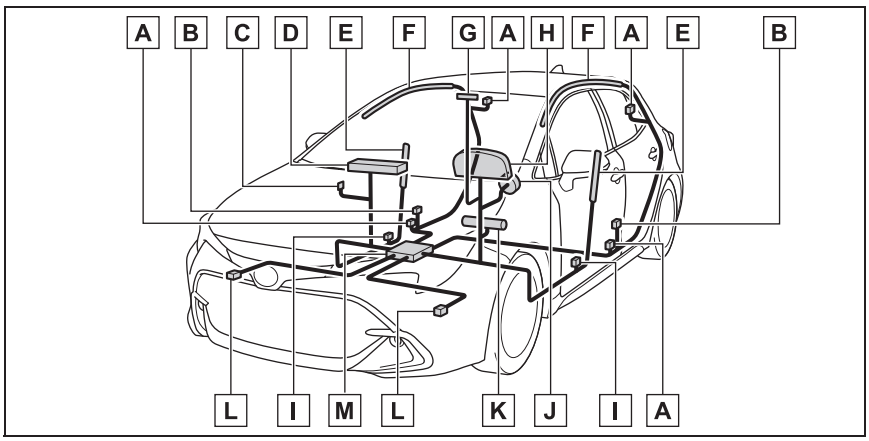
C SRS front side airbags

Can help protect the torso of the front seat occupants

D SRS curtain shield airbags

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

■ **SRS airbag system components**



A Seat belt pretensioners and force limiters

B Side impact sensors (front)

C Airbag manual on-off switch

D Front passenger airbag

E Side airbags

F Curtain shield airbags

G “AIR BAG ON” and “AIR BAG OFF” indicator lights

H SRS warning light

I Side impact sensors (front door)

J Driver airbag

K Driver’s knee airbag

L Front impact sensors

M Airbag sensor assembly

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

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

● Slight abrasions, burns, bruising etc., may be sustained from SRS airbags, due to the extremely high speed deployment (inflation) by hot gases.

- A loud noise and white powder will be emitted.
- Parts of the airbag module (steering wheel hub, airbag cover and inflator) as well as the front seats, parts of the front and rear pillars, and roof side rails, may be hot for several minutes. The airbag itself may also be hot.
- The windshield may crack.
- The hybrid system will be stopped and fuel supply to the engine will be stopped. (→P.86)
- The brakes and stop lights will be controlled automatically. (→P.326)
- The interior lights will turn on automatically. (→P.348)
- The emergency flashers will turn on automatically. (→P.434)
- Vehicles with eCall: If any of the following situations occur, the system is designed to send an emergency call* to the eCall control center, notifying them of the vehicle's location (without needing to push the "SOS" button) and an agent will attempt to speak with the occupants to ascertain the level of emergency and assistance required. If the occupants are unable to communicate, the agent automatically treats the call as an emergency and helps to dispatch the necessary emergency services. (→P.69)

• An SRS airbag is deployed.
• A seat belt pretensioner is activated.
• The vehicle is involved in a severe rear-end collision.

*: In some cases, the call cannot be made. (→P.71)

SRS airbag deployment conditions (SRS front airbags)

- The SRS front airbags will deploy in the event of an impact that exceeds the set threshold level (the level of force corresponding to an approximately 20 - 30 km/h [12 - 18 mph] frontal collision with a fixed wall that does not move or deform).

However, this threshold velocity will be considerably higher in the following situations:

• If the vehicle strikes an object, such as a parked vehicle or sign pole, which can move or deform on impact
• If the vehicle is involved in an underride collision, such as a collision in which the front of the vehicle "underrides", or goes under, the bed of a truck

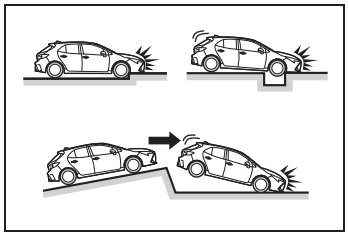
SRS airbag deployment conditions (SRS side and curtain shield airbags)

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

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

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

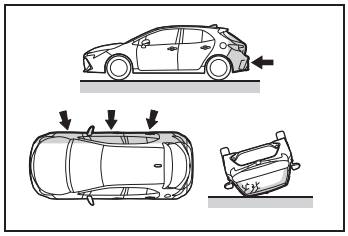
- Hitting a curb, edge of pavement or hard surface
- Falling into or jumping over a deep hole
- Landing hard or falling



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

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

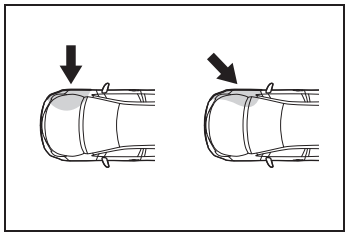
- Collision from the side
- Collision from the rear
- Vehicle rollover



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

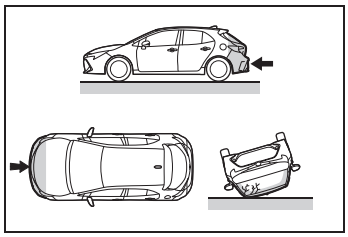
The SRS side and curtain shield airbags may not activate if the vehicle is subjected to a collision from the side at certain angles, or a collision to the side of the vehicle body other than the passenger compartment.

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



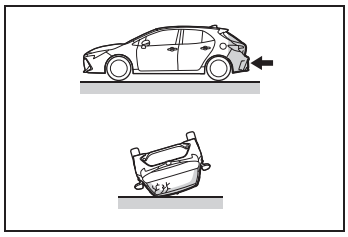
The SRS side airbags do not generally inflate if the vehicle is involved in a frontal or rear collision, if it rolls over, or if it is involved in a low-speed side collision.

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



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

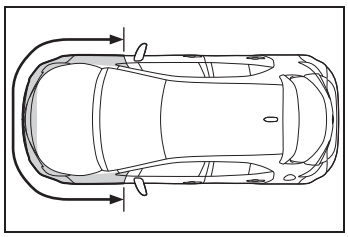
- Collision from the rear
- Vehicle rollover



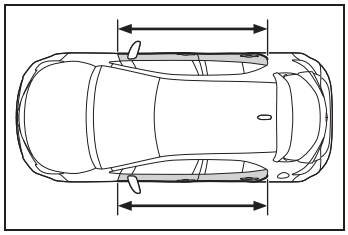
When to contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer

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

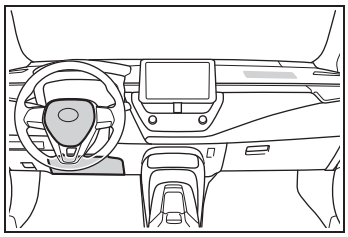
- Any of the SRS airbags have been inflated.
- The front of the vehicle is damaged or deformed, or was involved in an accident that was not severe enough to cause the SRS front airbags to inflate.



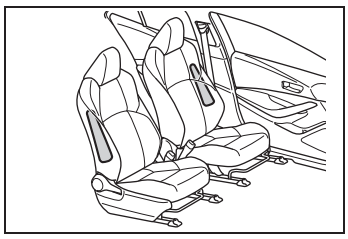
- A portion of a door or its surrounding area is damaged, deformed or has had a hole made in it, or the vehicle was involved in an accident that was not severe enough to cause the SRS side and curtain shield airbags to inflate.



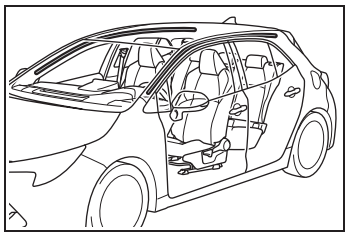
- The pad section of the steering wheel, dashboard near the front passenger airbag or lower portion of the instrument panel is scratched, cracked, or otherwise damaged.



- The surface of the seats with the SRS side airbag is scratched, cracked, or otherwise damaged.



- The portion of the front pillars, rear pillars or roof side rail garnishes (padding) containing the SRS curtain shield airbags inside is scratched, cracked, or otherwise damaged.



WARNING

■ SRS airbag precautions

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

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

WARNING

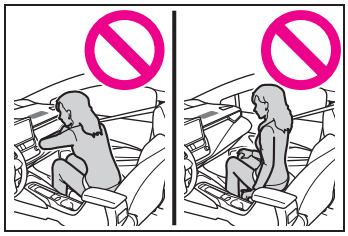
- The SRS driver airbag deploys with considerable force, and can cause death or serious injury especially if the driver is very close to the airbag.

Since the risk zone for the driver's airbag is the first 50 - 75 mm (2 - 3 in.) of inflation, placing yourself 250 mm (10 in.) from your driver airbag provides you with a clear margin of safety. This distance is measured from the center of the steering wheel to your breastbone. If you sit less than 250 mm (10 in.) away now, you can change your driving position in several ways:

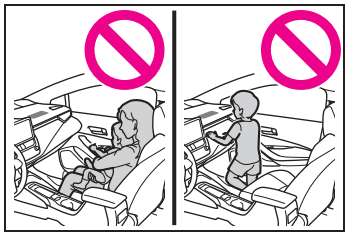
- Move your seat to the rear as far as you can while still reaching the pedals comfortably.
- Slightly recline the back of the seat. Although vehicle designs vary, many drivers can achieve the 250 mm (10 in.) distance, even with the driver seat all the way forward, simply by reclining the back of the seat somewhat. If reclining the back of your seat makes it hard to see the road, raise yourself by using a firm, non-slippery cushion, or raise the seat if your vehicle has that feature.
- If your steering wheel is adjustable, tilt it downward. This points the airbag toward your chest instead of your head and neck.

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

- The SRS front passenger airbag also deploys with considerable force, and can cause death or serious injury especially if the front passenger is very close to the airbag. The front passenger seat should be as far from the airbag as possible with the seatback adjusted, so the front passenger sits upright.
- Improperly seated and/or restrained infants and children can be killed or seriously injured by a deploying airbag. An infant or child who is too small to use a seat belt should be properly secured using a child restraint system. 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.48)
- Do not sit on the edge of the seat or lean against the dashboard.



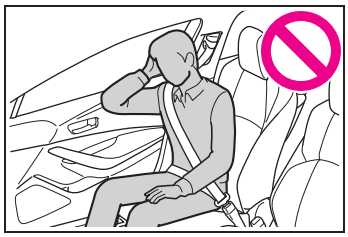
- Do not allow a child to stand in front of the SRS front passenger airbag unit or sit on the knees of a front passenger.



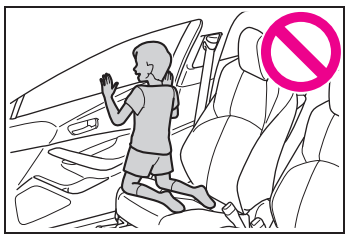
- Do not allow the front seat occupants to hold items on their knees.

WARNING

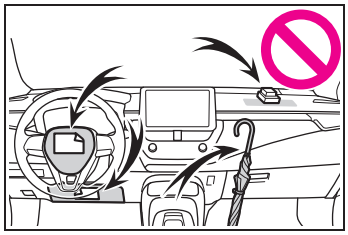
- Do not lean against the door, the roof side rail or the front, side and rear pillars.



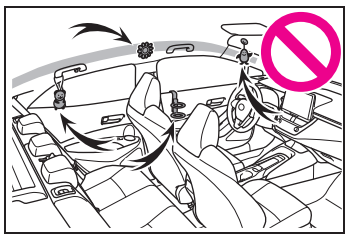
- Do not allow anyone to kneel on the passenger seat toward the door or put their head or hands outside the vehicle.



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



- Do not attach anything to areas such as a door, windshield, side windows, front or rear pillar, roof side rail and assist grip. (Except for the speed limit label →P.460)



- Do not hang coat hangers or other hard objects on the coat hooks (if equipped). All of these items could become projectiles and may cause death or serious injury, should the SRS curtain shield airbags deploy.
- If a vinyl cover is put on the area where the SRS driver's knee airbag will deploy, be sure to remove it.
- Do not use seat accessories which cover the parts where the SRS side airbags inflate as they may interfere with inflation of the SRS airbags. Such accessories may prevent the side airbags from activating correctly, disable the system or cause the side airbags to inflate accidentally, resulting in death or serious injury.
- Do not strike or apply significant levels of force to the area of the SRS airbag components or the front doors.
  Doing so can cause the SRS airbags to malfunction.
- Do not touch any of the component parts immediately after the SRS airbags have deployed (inflated) as they may be hot.

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 the areas where the SRS airbags are stored, such as the steering wheel pad and front and rear pillar garnishes, are damaged or cracked, have them replaced by any authorized 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 your Toyota retailer or Toyota authorized repairer, or any reliable repairer. The SRS airbags may malfunction or deploy (inflate) accidentally, causing death or serious injury.

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

Exhaust gas precautions

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

⚠ WARNING

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

■ Important points while driving

- Keep the back door closed.
- If you smell exhaust gases in the vehicle even when the back door is closed, open the windows and have the vehicle inspected at any authorized 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 on 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.

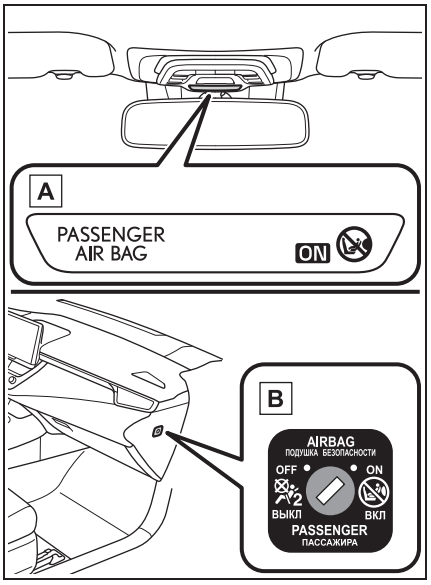
■ Exhaust pipe

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

This system deactivates the 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

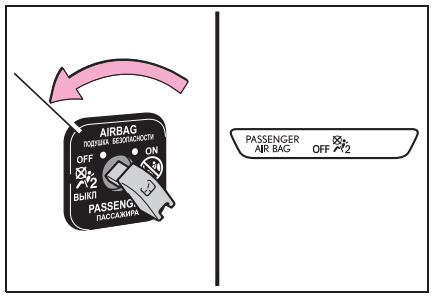
“PASSENGER AIR BAG” and “ON” indicator light turns on when the airbag system is on, and about after 60 seconds they go off. (only when the power switch is in ON)

B Airbag manual on-off switch

Deactivating the front seat passenger airbag

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.

- Vehicles with the rear seats: 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.139, 170)
- Do not let small children operate equipment which may catch or pinch body parts, such as the power window, hood, back door, seats, etc.

WARNING

■ When children are in the vehicle

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

Children may be able to start the vehicle or shift the vehicle into neutral. There is also a danger that children may injure themselves by playing with the windows, the 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.

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.
- Vehicles without rear seats: Install a child restraint system to the passenger' seat.

Table of contents

Points to remember: P.49

When using a child restraint system: P.50

Child restraint system compatibility

for each seating position: P.52, 58

Child restraint system installation method: P.63

- Fixed with a seat belt: P.64
- Fixed with an ISOFIX lower anchorage: P.66
- Using a top tether anchorage: P.67

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.52, 58)

WARNING

■When a child is riding

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

- For effective protection in automobile accidents and sudden stops, a child must be properly restrained, using a seat belt or child restraint system which is correctly installed. For installation details, refer to the operation manual enclosed with the child restraint system. General installation instruction is provided in this manual.
- 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.52, 58) 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

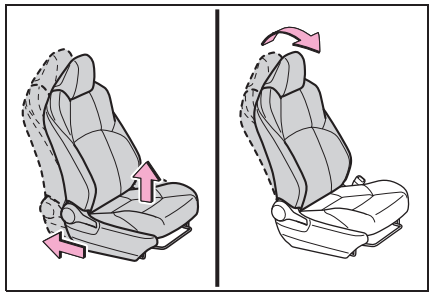
On vehicles with rear seats, install a child restraint system to a rear seat. On vehicles without rear seats or when installing a child restraint system to the front passenger's seat on vehicles with rear seats, adjust the front passenger's seat as follows and install the child restraint system:

- Move the front seat fully rearward.
- Adjust the seat height to the upper most position.
- Adjust the seatback angle to the most upright position.

If there is a gap between the child seat and the seatback, adjust the seatback angle until good contact is achieved.

- 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.

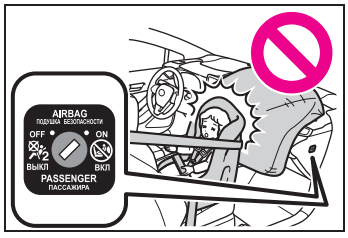


WARNING

When using a child restraint system

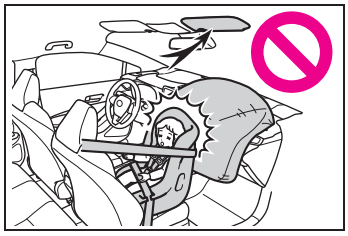
Observe the following precautions. Failure to do so may result in death or serious injury.

- Never use a rear-facing child restraint system on the front passenger seat when the airbag manual on-off switch is on. (→P.46) The force of the rapid inflation of the front passenger airbag can cause death or serious injury to children in the event of an accident.



WARNING

- 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.



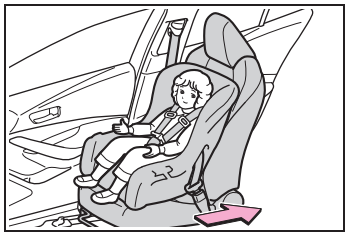
- Vehicles without rear seats: Do not install a child restraint system to the luggage compartment.

WARNING



WARNING

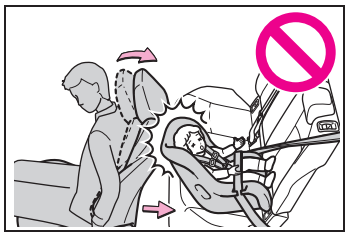
- Only put a forward-facing child restraint system on the front seat when unavoidable. When installing a forward-facing child restraint on the front passenger seat, move the seat as far back as possible. Failing to do so may result in death or serious injury if the airbags deploy (inflate).



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



- When a junior seat is installed, always ensure that the shoulder belt is positioned across the center of the child's shoulder. The belt should be kept away from the child's neck, but not so that it could fall off the child's shoulder.
- Use 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). (→P.61, 62)



Child restraint system compatibility for each seating position (except for Latin American countries*)

*: Guadeloupe, Martinique and F. Guiana

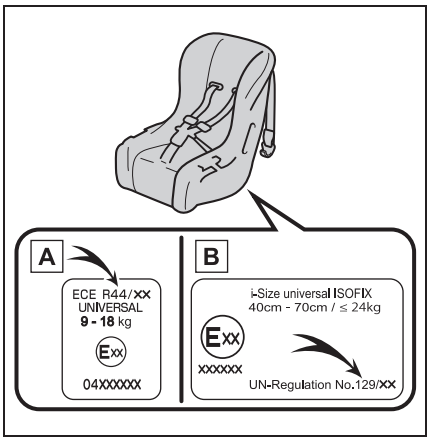
Child restraint system compatibility for each seating position

Compatibility of each seating position with child restraint systems (→P.54) 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.58)
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.



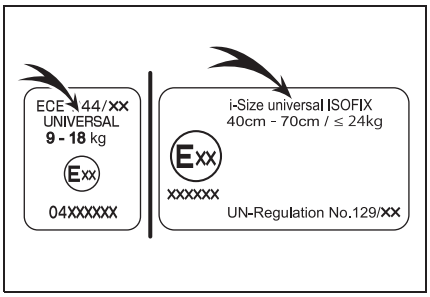
Example of the displayed regulation number

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.

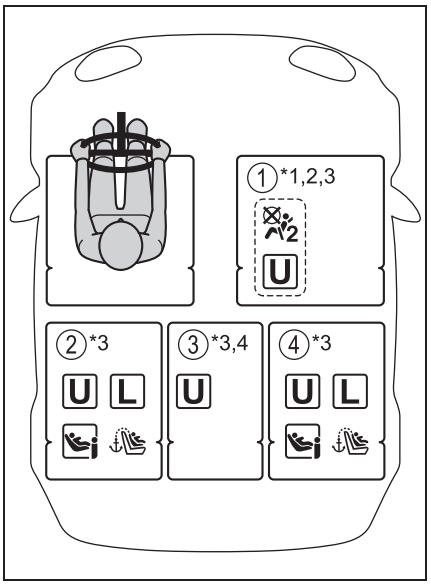
*2: The child restraint systems mentioned in the table may not be available outside of the EU area.

*3: The displayed mark may differ

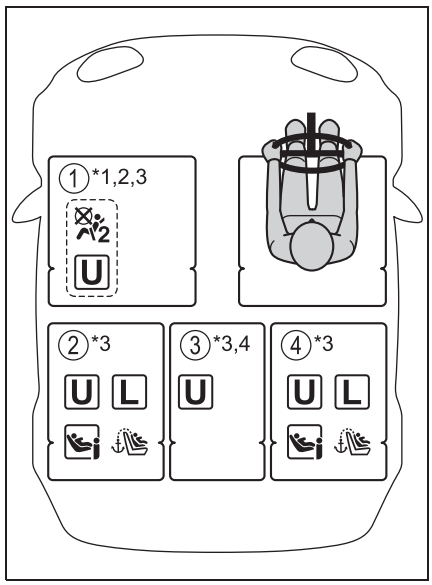
depending on the product.

■ Compatibility of each seating position with child restraint systems

▶ Left-hand drive vehicles



▶ Right-hand drive vehicles



Deactivation of front passenger airbag.

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

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

Suitable for recommended child restraint systems given on recommended child restraint systems information (→P.58).

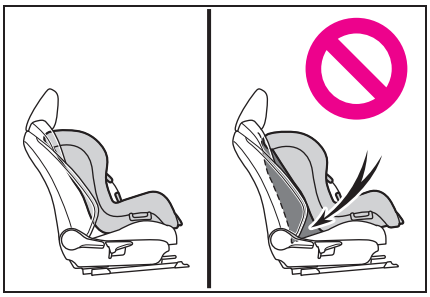
Suitable for i-Size and ISOFIX child restraint system.

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.

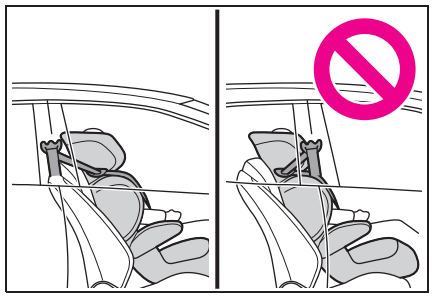


*3: If the head restraint interferes with your child restraint system, and the head restraint can be removed, remove the head restraint. Otherwise, put the head restraint in the upper most position.

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

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

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



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

■ Detail information for child restraint systems installation

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

*1: 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 groups	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 (Carry-cot)
0+	up to 13 kg (28 lb.)	C	R3	Full-size, rearward-facing child restraint systems
		D	R2	Reduced-size, rearward-facing child restraint systems
		—	R2X	Reduced-size, rearward-facing child restraint systems
		E	R1	Rearward-facing infant seat
I	9 to 18 kg (20 to 39 lb.)	A	F3	Full-height, forward-facing child restraint systems
		B	F2	Reduced-height, forward-facing child restraint systems
		B1	F2X	Reduced-height, forward-facing child restraint systems
		C	R3	Full-size, rearward-facing child restraint systems
		D	R2	Reduced-size, rearward-facing child restraint systems
II	15 to 25 kg (34 to 55 lb.)	—	B2, B3	Junior seat
III	22 to 36 kg (48 to 79 lb.)			

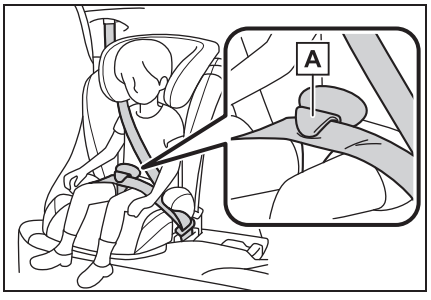
■ **Recommended child restraint systems information**

Recommended child restraint system	Size	Direction of travel	Fixation	
			fixed with lower anchorages	fixed with a seat belt
MAXI COSI CABRIOFIX	Up to 13 kg (Up to 28 lb.)	Rearward-facing use only	Not applicable	Yes
BRITAX TRIFIX 2 i-SIZE	76 to 105 cm (30 to 41 in.) 9 to 18 kg (20 to 39 lb.)	Forward-facing use only	Yes	Not applicable
TOYOTA KIDFIX i-SIZE*	100 to 150 cm (39 to 59 in.) 15 to 36 kg (34 to 79 lb.)	Forward-facing use only	Yes	No
TOYOTA MAXI PLUS	15 to 36 kg (34 to 79 lb.)	Forward-facing use only	Yes	No

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

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

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



Child restraint system compatibility for each seating position (for Latin American countries*)

*: Guadeloupe, Martinique and F. Guiana

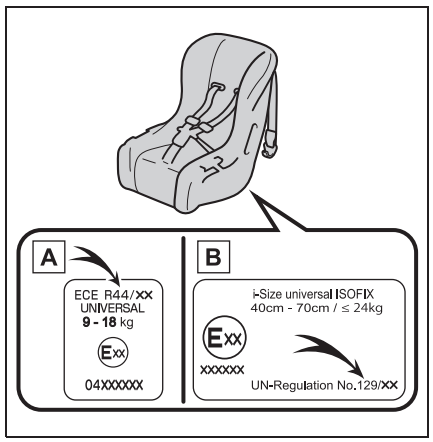
■ **Child restraint system compatibility for each seating position**

Compatibility of each seating position with child restraint systems (→P.60) displays the type of child restraint systems that can be used and possible seating positions for

installation using symbols.
Also, the recommended child restraint system that is suitable for your child can be selected.
Otherwise, check [Recommended child restraint systems and Compatibility table] for recommended child restraint systems. (→P.62)
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.



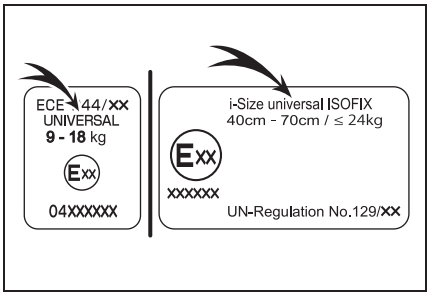
Example of the displayed regulation Number

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”

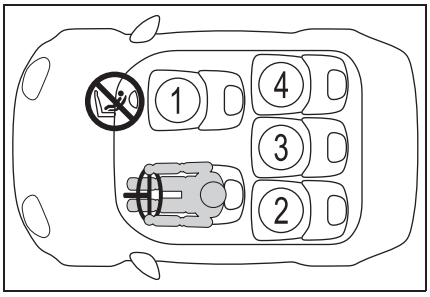


*1: UN(ECE) R44 and UN(ECE) R129 are U.N. regulations for child restraint systems.

*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



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

U Suitable for “universal” category child restraint system fixed with the seat belt.

L Suitable for child restraint systems given on recommended child restraint systems and compatibility table (→P.62).

Suitable for i-Size and ISOFIX child restraint system.

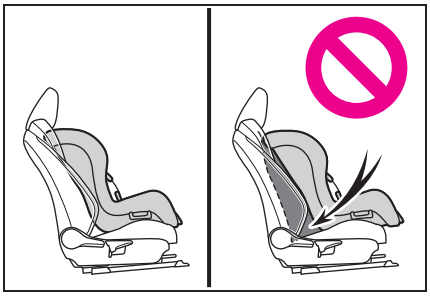
Includes a top tether anchorage point.

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

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

*2: Adjust the seatback angle to the most upright position. When install-

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



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

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

■ Detail information for child restraint systems installation

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

ISOFIX child restraint systems are divided into different “fixture”. The child restraint system can be used in the seating positions for “fixture” mentioned

in the table above. For kind of “fixture” relation, confirm the following table. If your child restraint system has no kind of “fixture” (or if you cannot find information in the table below), please refer to the child restraint system “vehicle list” for compatibility information or ask the retailer of your child seat.

Fixture	Description
F3	Full-height, forward-facing child restraint systems
F2	Reduced-height forward-facing child restraint systems
F2X	Reduced-height forward-facing child restraint systems
R3	Full-size, rearward-facing child restraint systems
R2	Reduced-size, rearward-facing child restraint systems
R2X	Reduced-size, rearward-facing child restraint systems
R1	Rearward-facing infant seat
L1	Left lateral-facing (carrycot) infant seat
L2	Right lateral-facing (carrycot) infant seat
B2	Junior seat
B3	Junior seat

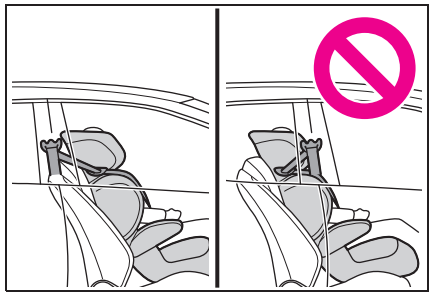
■ Recommended child restraint systems and Compatibility table

Mass groups	Recommended Child Restraint System	Seating position				
		①		②	③	④
		Airbag manual on-off switch				
		ON	OFF			
0, 0+ Up to 13 kg (28 lb.)	G0+, BABY SAFE PLUS (Yes/No)	No	Yes	Yes	Yes	Yes
	MIDI 2 (Yes/No)	No	No	Yes	No	Yes
I 9 to 18 kg (20 to 39 lb.)	TOYOTA DUO PLUS (Yes/No)	Yes Belt fix only	Yes Belt fix only	Yes	Yes Belt fix only	Yes
	MIDI 2 (Yes/No)	No	No	Yes	No	Yes

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

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

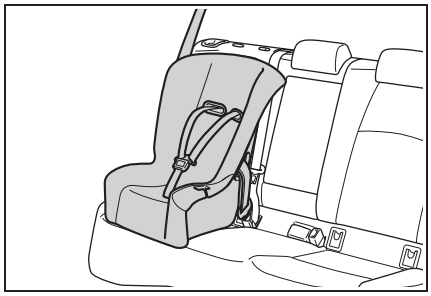
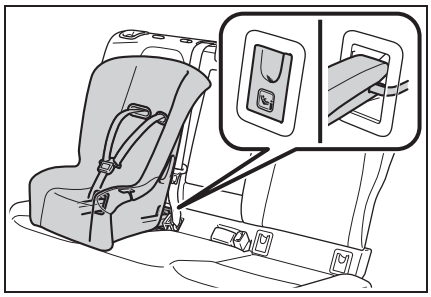
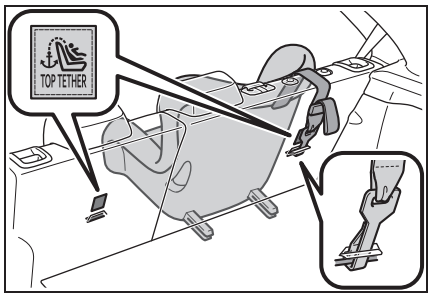
- When installing a child restraint in the rear seats, adjust the front seat so that it does not interfere with the child or child restraint system.
- When installing a child seat with support base, if the child seat interferes with the seatback when latching it into the support base, adjust the seatback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



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

Child restraint system installation method

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

Installation method		Page
Seat belt attachment		P.64
ISOFIX lower anchorage attachment (vehicles with rear seats)		P.66
Top tether anchorage attachment (vehicles with rear seats)		P.67

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.

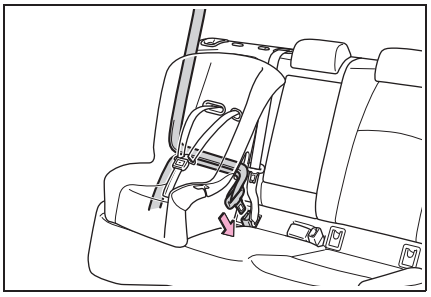
If the child restraint system on hand is not within the “universal” category (or the necessary information is not in the table), refer to the “Vehicle List” provided by the child restraint system maker for various possible installation positions, or check the compatibility after asking the retailer of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

(→P.53, 54, 59, 60)

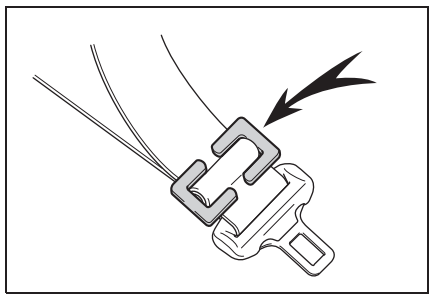
1 If installing the child restraint system to the front passenger seat is unavoidable, refer to P.50 for the front passenger seat adjustment.

2 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. (→P.161)

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



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



5 After installing the child restraint system, rock it back and forth to ensure that it is installed securely. (→P.66)

■ Removing a child restraint system installed with a seat belt

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

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

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

■ When installing a child restraint system

You may need a locking clip to install the child restraint system. Follow the instructions provided by the manufacturer of the system. If your child restraint system does not provide a locking clip, you can purchase the following item from any authorized 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

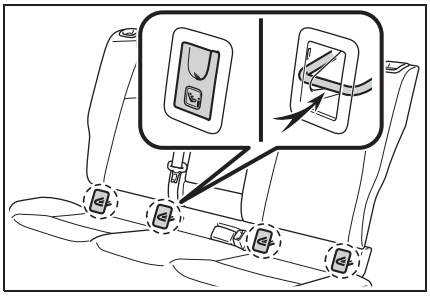
Observe the following precautions. Failure to do so may result in death or serious injury.

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

Child restraint system fixed with an ISOFIX lower anchorage (vehicles with rear seats)

■ ISOFIX lower anchorages (ISOFIX child restraint system)

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



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

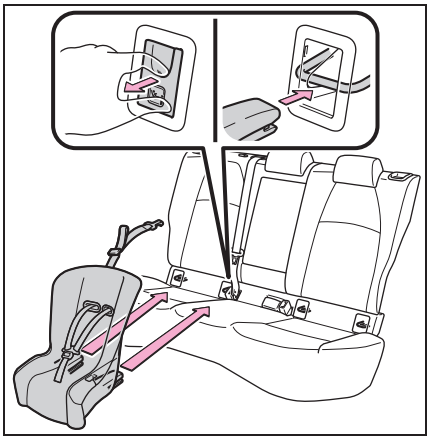
Install the child restraint system in accordance to the operation manual enclosed with the child restraint system.

If the child restraint system on hand is not within the "universal" category (or the necessary information is not in the table), refer to the "Vehicle List" provided by the child restraint system maker for various possible installation positions, or check the compatibility after asking the retailer of the child seat. (→P.53, 54, 59, 60)

1 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. (→P.161)

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

The bars are installed behind the anchorage covers.



3 After installing the child restraint system, rock it back and forth to ensure that it is installed securely. (→P.66)

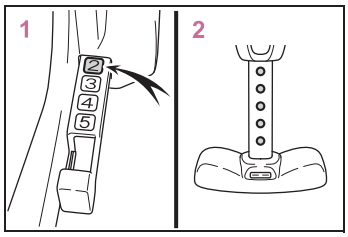
■ **When using a "TOYOTA DUO PLUS" (for Latin American countries*)**

Adjust it to the most reclined position.

*: Guadeloupe, Martinique and F. Guiana

■ **When using a "MIDI 2" (for Latin American countries*)**

Adjust the support leg and ISOFIX connectors as follows:



1 Lock the ISOFIX connectors where number 2 can be seen.

2 Lock the support leg where 5 holes can be seen.

*: Guadeloupe, Martinique and F. Guiana

WARNING

■ **When installing a child restraint system**

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

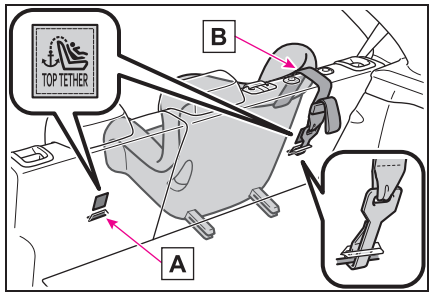
- After securing a child restraint system, never adjust the seat.
- When using the lower anchorages, be sure that there are no foreign objects around the anchorages and that the seat belt is not caught behind the child restraint system.
- Follow all installation instructions provided by the child restraint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

Using a top tether anchorage (vehicles with rear seats)

■ 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

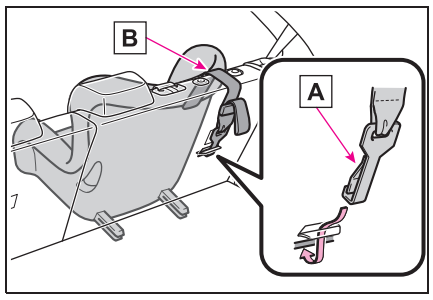
Install the child restraint system in accordance to the operation manual enclosed with the child restraint system.

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.161)

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

Make sure the top strap is securely latched. (→P.66)
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

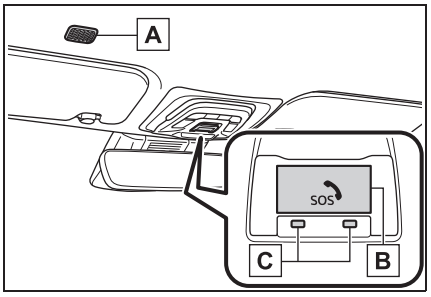
*1: If equipped

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

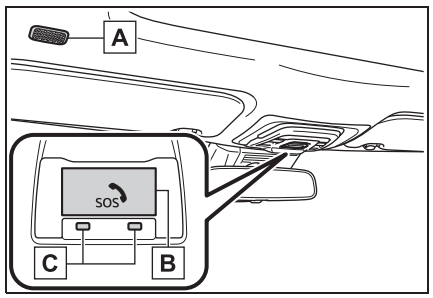
eCall is a telematics service that uses Global Navigation Satellite System (GNSS) data and embedded cellular technology to enable the following emergency calls to be made: Automatic emergency calls (Automatic Collision Notification) and manual emergency calls (by pressing the "SOS" button). This service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

System components

▶ Type A



▶ Type B



A Microphone (driver's side)

B "SOS" button*

C Indicator lights

*: 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

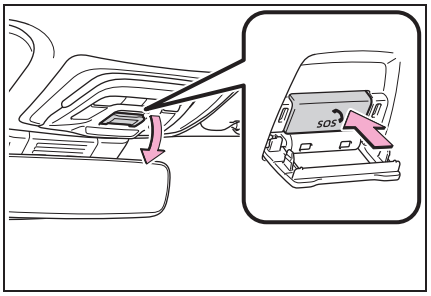
that assistance be sent to the location.

*: In some cases, the call cannot be made. (→P.71)

■ Manual Emergency Calls

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

Make sure to open the cover before pressing the “SOS” button.



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

*: In some cases, the call cannot be made. (→P.71)

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, an automatic or manual Emergency Call is being made.
- If the red indicator light illuminates and a buzzer sounds 5 times (on some models) at any time other than immediately after the power switch is turned to ON, the system may be malfunctioning or the backup battery may be depleted.
- If the red indicator light blinks for approximately 30 seconds during an Emergency Call, the call has been disconnected or the cellular network signal is weak.

■ Free/Open Source Software Information

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

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

http://www.opensourceautomotive.com/dcm/19MC/

WARNING

■ When the Emergency Call may not be made

● It may not be possible to make Emergency Calls in any of the following situations. In such cases, report to emergency services provider (112 system etc.) by other means such as nearby public phones.

- Even when the vehicle is in the cellular phone service area, it may be difficult to connect to the eCall control center if the reception is poor or the line is busy. In such cases, even though the system attempts to connect to the eCall control center, you may not be able to connect to the eCall control center to make Emergency Calls and contact emergency services.
- When the vehicle is out of the cellular phone service area, the Emergency Calls cannot be made.
- When any related equipment (such as the “SOS” button panel, indicator lights, microphone, speaker, DCM, antenna, or any wires connecting the equipment) is malfunctioning, damaged or broken, the Emergency Call cannot be made.
- 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.

■ 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.

WARNING

- 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

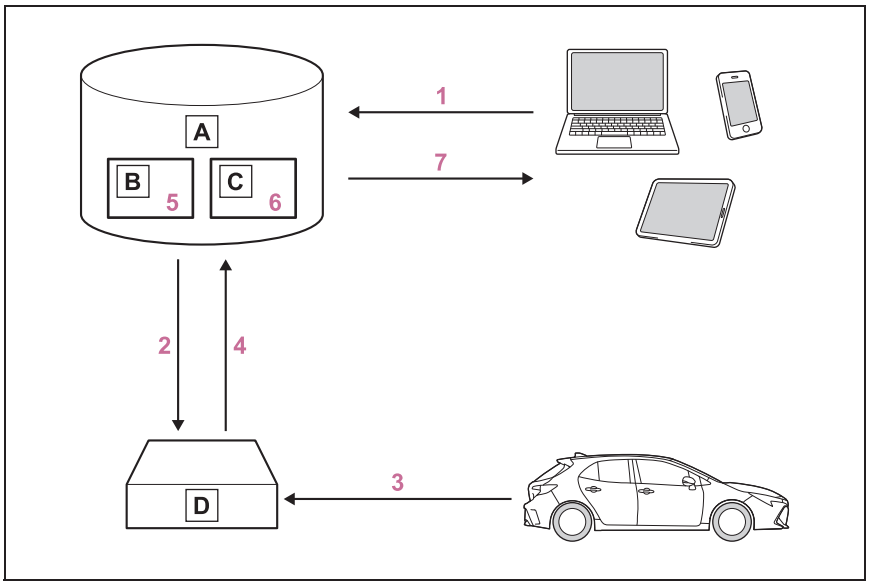
Do not pour any liquids onto the “SOS” button panel, etc. and do not impact it.

■ 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

Data processing flow



A Server

B Storage

C Processing

D DCM

1 Customer activates service on Toyota Customer portal & accepts terms of services according to GDPR.

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 service please visit the Toyota Customer portal.

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): →P.78	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.73
	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.73
	3.5.	The owner of a vehicle equipped with a TPS eCall system and/or other added value service in addition to the 112-based eCall in-vehicle system has the right to choose to use the 112-based eCall in-vehicle system rather than the TPS eCall system and the other added value service.	O
	3.5.1.	Contact details for handling TPS eCall system deactivation requests	N/A

■ Service responsible for handling access requests

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

Country	Contact information
Czech Republic/ Hungary/Slovakia	adatvedelem@toyota-ce.com
Denmark	toyota@toyota.dk og
Estonia	privacy@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

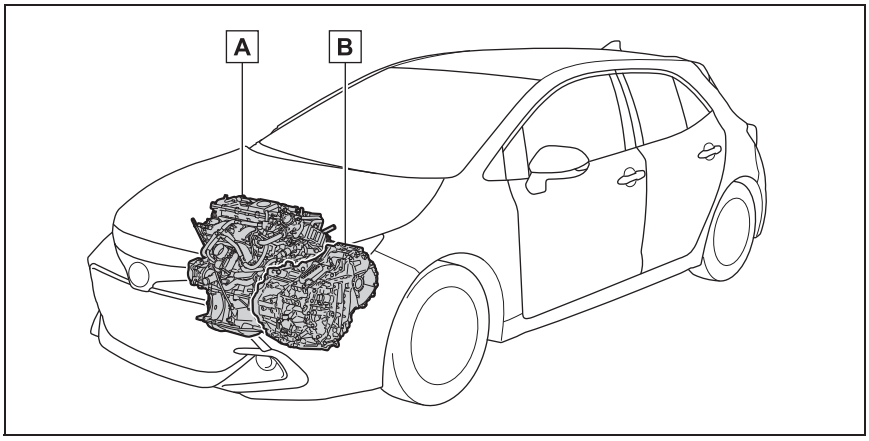
Hybrid system features

Your vehicle is a hybrid 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

■ System components



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

A Gasoline engine

B Electric motor (traction motor)

■ 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 lever 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.81)

During normal driving

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

When accelerating sharply

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

When braking (regenerative braking)

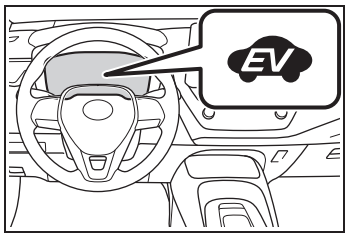
The wheels operate the electric motor (traction motor) as a power generator, and the hybrid battery (traction battery) is charged.

Regenerative braking

- In the following situations, kinetic energy is converted to electric energy and deceleration force can be obtained in conjunction with the recharging of the hybrid battery (traction battery).
  - Vehicles without paddle shift switches: The accelerator pedal is released while driving with the shift lever in D or B.
  - Vehicles with paddle shift switches: The accelerator pedal is released while driving with the shift lever in D or S.
  - Vehicles without paddle shift switches: The brake pedal is depressed while driving with the shift lever in D or B.
  - Vehicles with paddle shift switches: The brake pedal is depressed while driving with the shift lever in D or S.
- While the GPF system (→P.325) is operating to regenerate the exhaust gas filter, the hybrid battery (traction battery) may not be recharged.

EV indicator

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



Conditions in which the gasoline engine may not stop

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

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

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

Charging the hybrid battery (traction battery)

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

■ **Charging the 12-volt battery**

→P.491

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

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

■ **Sounds and vibrations specific to a hybrid 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, apply the parking brake and make sure to shift the shift lever to P 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 on the side of the lower part of the rear left 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.

■ **Customization**

Some functions can be customized. (→P.513)

Vehicle proximity notification system

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 will stop when the vehicle speed exceeds approximately 25km/h (15 mph).

■ **Vehicle proximity notification system**

In the following cases, the vehicle proximity notification system may be difficult for surrounding people to hear.

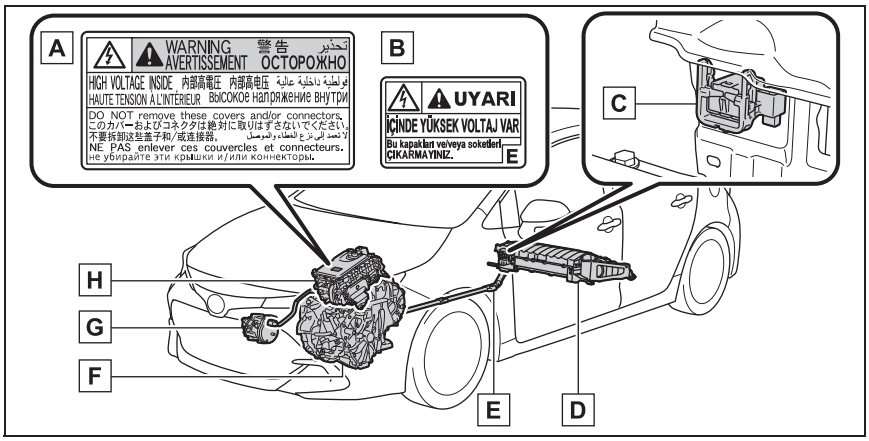
- In very noisy areas
- In the wind or the rain

Also, as the vehicle proximity notification 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.

Hybrid system precautions

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

System components



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

A Warning label

B For Turkey: Warning label

C Service plug

D Hybrid battery (traction battery)

E High voltage cables (orange)

F Electric motor (traction motor)

G Air conditioning compressor

H Power control unit

■ Running out of fuel

When the vehicle has run out of fuel and the hybrid system cannot be started, refuel the vehicle with at least enough gasoline to make the low fuel level warning light (→P.445) go off. If there is only a small amount of fuel, the hybrid system may not be able to start. (The standard amount of fuel is about 7.6 L [2.0 gal., 1.7 Imp. gal.] when the vehicle is on a level surface. This value may vary when the vehicle is on a slope. Add

extra fuel when the vehicle is inclined.)

Electromagnetic waves

- High voltage parts and cables on hybrid 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 -35°C [-31°F]) under the influence of the outside temperature, itmay not be possible to start the hybrid system. In this case, try to start the hybrid system again after the temperature of the hybrid battery increases due to the outside temperature increase etc.

Declaration of conformity

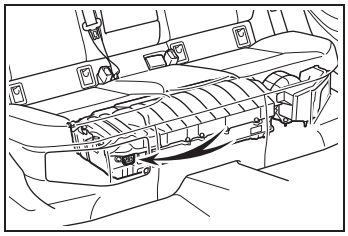
This model conforms to hydrogen emissions according to regulation ECE100 (Battery electric vehicle safety).

⚠ WARNING

High voltage precautions

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

- Never touch, disassemble, remove or replace the high voltage parts, cables or their connectors.
- The hybrid system will become hot after starting as the system uses high voltage. Be careful of both the high voltage and the high temperature, and always obey the warning labels attached to the vehicle.
- Never try to open the service plug access hole located under the right side of the rear seat. 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:

- Pull your vehicle off the road, apply the parking brake, shift the shift lever to P, and turn the hybrid system off.
- 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.
- If a fire occurs in the hybrid 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.

WARNING

- If your vehicle needs to be towed, do so with the front wheels 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.437)
- 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.
- 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.

■ Hybrid battery (traction battery)

- Your vehicle contains a sealed lithium-ion battery.
- Never resell, hand over or modify the hybrid battery. To prevent accidents, hybrid batteries that have been removed from a disposed vehicle are collected through any authorized 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 may be illegally disposed of or dumped, and it is hazardous to the environment or someone may touch a high voltage part, resulting in an electric shock.
- The hybrid battery is intended to be used exclusively with your hybrid vehicle. If the hybrid battery is used outside of your vehicle or modified in any way, accidents such as electric shock, heat generation, smoke generation, an explosion and electrolyte leakage may occur.

When reselling or handing over your vehicle, the possibility of an accident is extremely high because the person receiving the vehicle may not be aware of these dangers.

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

NOTICE

■ **Hybrid battery (traction battery)**

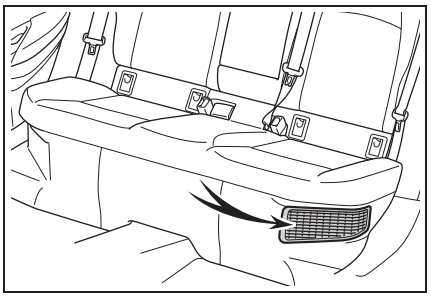
Do not carry large amounts of water such as water cooler bottles in the vehicle. If water spills onto the hybrid battery (traction battery), the battery may be damaged. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

Hybrid battery (traction battery) air intake vent

There are air intake vents under the left side of the rear seat with the purpose of cooling the hybrid battery (traction battery).

If the vents are 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, plastic cover, or luggage.
  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 vents to prevent them from clogging.(→P.419)
- 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

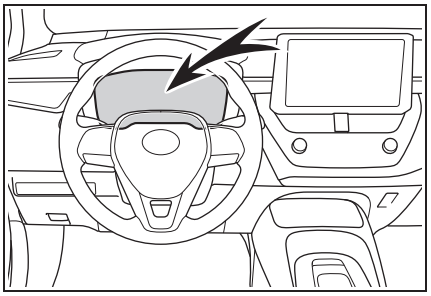
When a certain level of impact is detected by the impact sensor, the emergency shut off system blocks the high voltage current and stops the fuel pump to minimize the risk of electrocution and fuel leakage. If the emergency shut off system activates, your vehicle will not restart. To restart the hybrid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

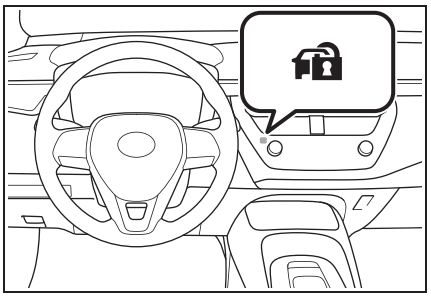
Immobilizer system

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 off to indicate that the system is operating.

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

■ System maintenance

The vehicle has a maintenance-free type immobilizer system.

■ Conditions that may cause the system to malfunction

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

⚠ NOTICE

■ To ensure the system operates correctly

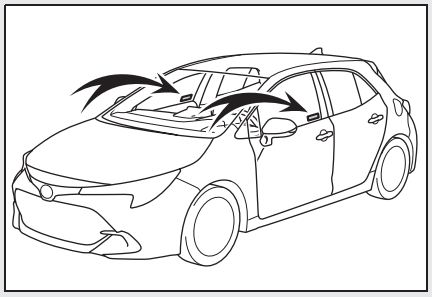
Do not modify or remove the system. If modified or removed, the proper operation of the system cannot be guaranteed.

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 window glass of both front doors.



Setting/canceling the double locking system

■ **Setting**

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

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

Using the wireless remote control:

Press twice within 5 seconds.

■ **Canceling**

Using the entry function (if equipped): Hold the outside door handle, press the back door opener switch or move your foot under the center of the rear bumper (vehicles with a power back door).

Using the wireless remote control:

Press .

WARNING

■ **Double locking system precaution**

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

Alarm*

*: If equipped

The alarm uses light and sound to give an alert when an intrusion is detected.
The alarm is triggered in the following situations when the alarm is set:

- A locked door is unlocked or opened in any way other than using the entry function (if equipped) or wireless remote control. (The doors will lock again automatically.)
- The hood is opened.
- The intrusion sensor detects something moving inside the vehicle. (Example: an intruder breaks a window and gets into the vehicle.)
- Hatchback: The rear window is broken.
  Wagon: The rear quarter windows or rear window are broken.

Setting/deactivating/stopping the alarm system

Items to check before locking the vehicle

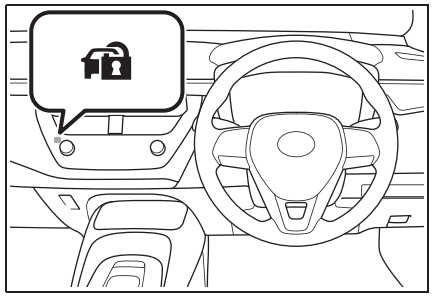
To prevent unexpected triggering of the alarm and vehicle theft, make sure of the following:

- Nobody is in the vehicle.
- The windows and 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 door and hood, and lock all the doors using the entry function (if equipped) or wireless remote control. The system will 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 using the entry function (if equipped) or wireless remote control.
- Starting the hybrid system. (The alarm will be deactivated or stopped after a few seconds.)

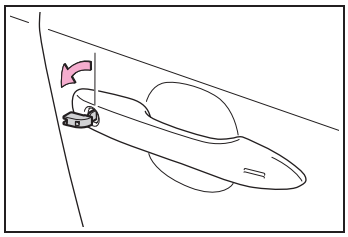
System maintenance

The vehicle has a maintenance-free type alarm system.

Triggering of the alarm

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

- The doors are unlocked using the mechanical key.

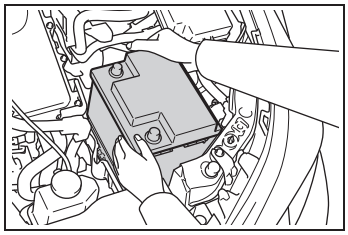


- A person inside the vehicle opens a door or hood, or unlocks the vehicle.

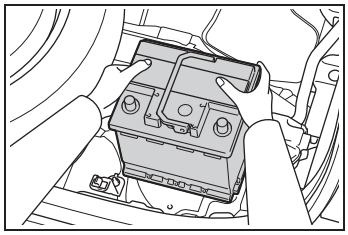


- The 12-volt battery is recharged or replaced when the vehicle is locked. (→P.491)

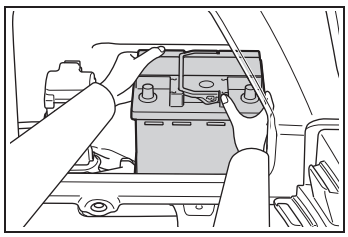
▶ 2ZR-FXE engine



▶ M20A-FXS engine (hatchback)



▶ M20A-FXS engine (wagon)



■ Alarm-operated door lock

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

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

NOTICE

■ To ensure the system operates correctly

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

The intrusion sensor detection

■ The intrusion sensor detection

The intrusion sensor detects intruders or movement in the vehicle.

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

■ Setting the intrusion sensor

The intrusion sensor will be set automatically when the alarm is set. (→P.90)

■ Canceling the intrusion sensor

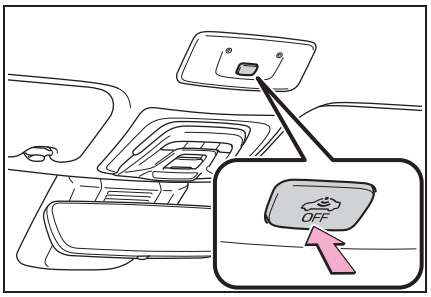
If you are leaving pets or other moving things inside the vehicle, make sure to disable the intrusion sensor before setting the alarm, as they will respond to movement inside the vehicle.

1 Turn the power switch off.

2 Press the intrusion sensor cancel switch.

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

Each time the intrusion sensor is canceled/set, a message will be shown on the multi-information display.



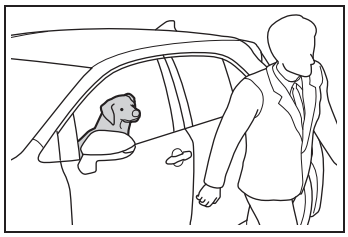
■ Canceling and automatic re-enabling of the intrusion sensor

- The alarm will still be set even when the intrusion sensor is canceled.
- After the intrusion sensor is canceled, pressing the power switch or unlocking the doors using the entry function (if equipped) or wireless remote control will re-enable the intrusion sensor.
- The intrusion 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:

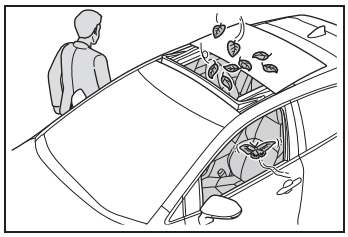
- People or pets are in the vehicle.



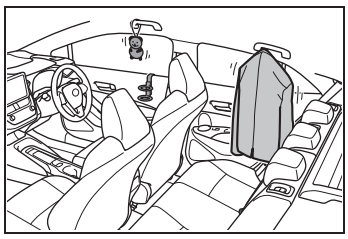
- A window or panoramic moon roof (if equipped) is open.

In this case, the sensor may detect the following:

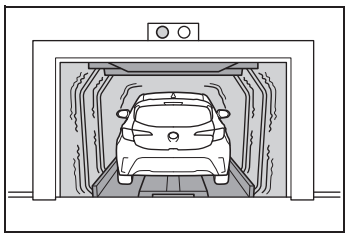
- Wind or the movement of objects such as leaves and insects inside the vehicle
- Ultrasonic waves emitted from devices such as the intrusion sensors of other vehicles
- The movement of people outside the vehicle



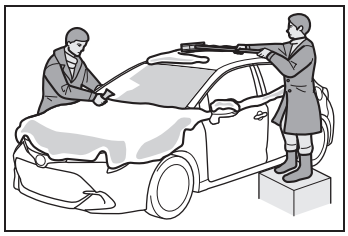
- Small insects such as moths or flies are in the vehicle.
- Unstable items, such as dangling accessories or clothes hanging on the coat hooks (if equipped), are in the vehicle.



- 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.

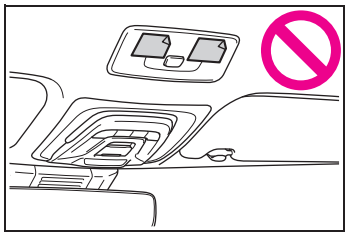
Customization

Some functions can be customized. (→P.514)

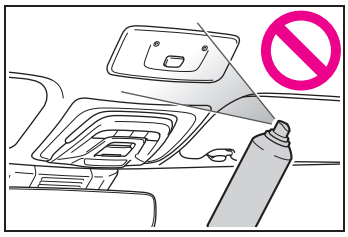
NOTICE

To ensure the intrusion sensor function 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.

Vehicle status information and indicators

2

2-1. Instrument cluster

Warning lights and indicators 96

Gauges and meters (7-inch display) 100

Gauges and meters (12.3-inch display) 104

Multi-information display (7-inch display) 109

Multi-information display (12.3-inch display) 115

Head-up display 122

Energy monitor/consumption screen 126

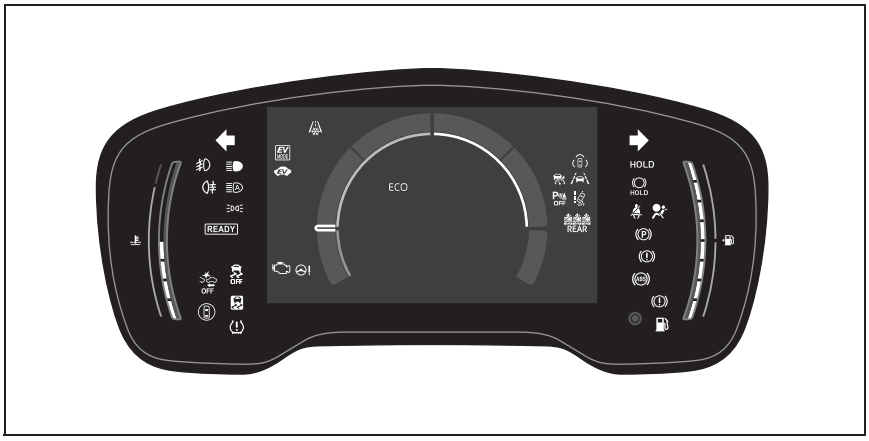
Warning lights and indicators

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

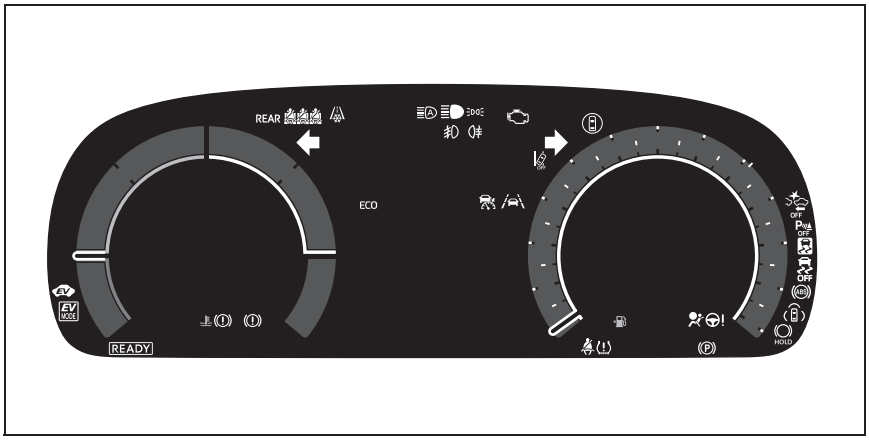
Warning lights and indicators displayed on the instrument cluster

For the purpose of explanation, the following illustrations display all warning lights and indicators illuminated.

▶ 7-inch display



▶ 12.3-inch display (when 2-dial type is displayed)



Warning lights

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


(Red)
Brake system warning light*1 (→P.442)


(Yellow)
Brake system warning light*1 (→P.442)


High coolant temperature warning light*2 (→P.442)


Hybrid system overheat warning light*2 (→P.443)


Charging system warning light*1 (→P.443)


Low engine oil pressure warning light*2 (→P.443)


Malfunction indicator lamp*1 (→P.443)


SRS warning light*1 (→P.444)



ABS warning light*1 (→P.444)


Inappropriate pedal operation warning light*2 (→P.444)


(Red)
Electric power steering system warning light*1 (→P.445)


(Yellow)
Electric power steering system warning light*1 (→P.445)


Low fuel level warning light (→P.445)


Driver's and front passenger's seat belt reminder light (→P.445)



*3



*4

Rear passengers' seat belt reminder lights (if equipped) (→P.446)


Tire pressure warning light*1 (→P.446)



(Flashes)
Toyota parking assist-sensor OFF indicator*1 (if equipped) (→P.447)



(Flashes or illuminates)
PCS warning light*1 (→P.447)


(Orange)
LTA indicator (→P.447)


(Orange)
LDA indicator (→P.447)


(Orange)
PDA indicator (→P.448)


(Orange)
Dynamic radar cruise control indicator (→P.448)


(Orange)
Cruise control indicator (→P.448)


(Orange)
Speed limiter indicator (→P.448)


Driving assist information indicator*1 (→P.449)


Slip indicator*1 (→P.449)


(Flashes) Parking brake indicator (→P.449)


(Flashes) Brake hold operated indicator*1 (→P.450)

*1: There lights turn on when the power switch is turned to ON mode to indicate that a system check is being performed. They will turn off after the hybrid system is on , or after a few seconds. There may be a malfunction in a system if the light dose 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.

*3: 12.3-inch display.

*4: 7-inch display or 12.3-inch display.

WARNING

■ If a safety system warning light does not come on

Should a safety system light such as the ABS and SRS warning light not come on when you start the hybrid system, this could mean that these systems are not available to help protect you in an accident, which could result in death or serious injury. Have the vehicle inspected by any authorized 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.211)


Tail light indicator (→P.217)


Headlight high beam indicator (→P.218)


Adaptive High-beam System indicator (if equipped) (→P.225)

Automatic High Beam indicator (if equipped) (→P.221)


Front fog light indicator (if equipped) (→P.228)


Rear fog light indicator (→P.228)


PCS warning light*1, 2 (→P.253)


(Green/White/Orange [Flashes]) LTA indicator (→P.258)


(Green/Orange [Flashes]) LDA indicator (→P.262)


(Orange) LDA OFF indicator*2 (→P.262)


(Green/White) PDA indicator (→P.268)


(Green/White) Cruise control indicator (→P.283)


(Green/White) Dynamic radar cruise control indicator (→P.276)


Speed limiter indicator (→P.287)


Driving assist information indicator[*1,2] (→P.291, 302, 313)


BSM outside rear view mirror indicators[*1, 3] (if equipped) (→P.291)



Toyota parking assist-sensor OFF indicator[*1, 2] (if equipped) (→P.296)


Slip indicator[*1] (→P.327)
(Flashes)



VSC OFF indicator[*1, 2] (→P.327)


Smart entry & start system indicator[*4] (→P.198)



“READY” indicator (→P.198)



EV drive mode indicator (→P.202)



Parking brake indicator (→P.211)



Brake hold standby indicator[*1] (→P.214)



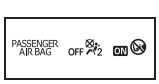
Brake hold operated indicator[*1] (→P.214)



EV indicator (→P.81)


Low outside temperature indicator[*5] (→P.100, 104)


Security indicator (→P.88, 90)



“PASSENGER AIR BAG” indicator[*1, 6] (→P.46)



Eco drive mode indicator (→P.323)



Sport mode indicator (if equipped) (→P.323)



Custom mode indicator (if equipped) (→P.323)



Comfort mode indicator (if equipped) (→P.323)



Sport S mode indicator (if equipped) (→P.323)



Sport S+ mode indicator (if equipped) (→P.323)

[*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 comes on when the system is turned off.

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

[*4]: This light illuminates on the multi-information display.

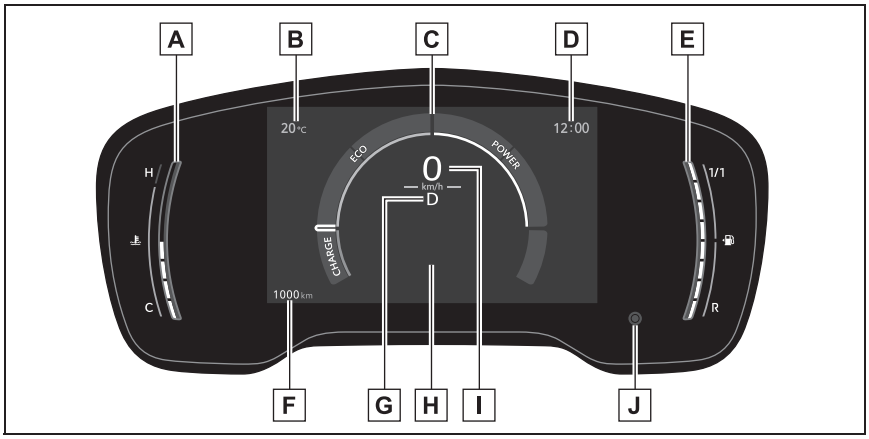
[*5]: When the outside temperature is approximately 3°C (37°F) or lower, this indicator will flash for approximately 10 seconds, then stay on.

[*6]: This light illuminates on the center panel.

Gauges and meters (7-inch display)

Meter display

■ Locations of gauges and meters



A Engine coolant temperature gauge

Displays the engine coolant temperature

B Outside temperature

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

C Hybrid System Indicator/Tachometer

Displays hybrid system output or regeneration level (→P.100)

This setting can be changed on the setting screen. (→P.513)

D Clock (→P.103)

E Fuel gauge

Displays the quantity of fuel remaining in the tank

F Odometer and trip meter display (→P.102)

G Shift position indicator (→P.204)

H Multi-information display

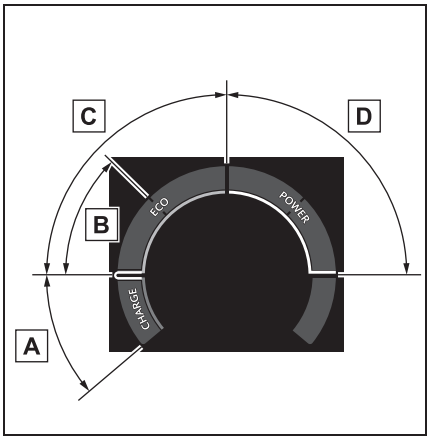
Presents the driver with a variety of vehicle data (→P.109)

Displays warning messages if a malfunction occurs (→P.452)

I Speedometer

J Display change button (→P.102)

■ Hybrid System Indicator



A Charge area

Shows regeneration* status.

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

B 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.

C 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.

D Power area

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

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

■ Engine speed

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

■ Hybrid System Indicator will operate when

The Hybrid System Indicator will operate in the following situations:

- The “READY” indicator is illuminated.
- The shift lever is in D or B.

■ Outside temperature display

- In the following situations, the correct outside temperature may not be displayed, or the display may take longer than normal to change:
  - When stopped, or driving at low speeds (less than 20 km/h [12 mph])
  - When the outside temperature has changed suddenly (at the entrance/exit of a garage, tunnel, etc.)
- When “--” or “E” is displayed, the system may be malfunctioning. Take your vehicle to any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ Liquid crystal display

→P.110

■ Customization

The gauges and meters can be customized in ⚙ of the multi-information display. (→P.513)

WARNING

■ The information display at low temperatures

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

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

NOTICE

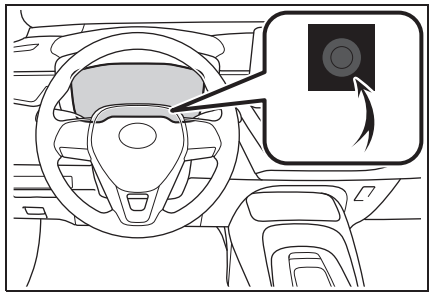
■ To prevent damage to the engine and its components

- Do not let the indicator needle of the tachometer enter the red zone, which indicates the maximum engine speed.
- The engine may be overheating if the engine coolant temperature gauge is in the red zone (H). In this case, immediately stop the vehicle in a safe place, and check the engine after it has cooled completely. (→P.495)

Odometer and trip meter display

■ Changing the display

Press the display change button until the desired item is displayed.



■ Display items

- Odometer

Displays the total distance the vehicle has been driven.

- Trip meter A/Trip meter B

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

To reset, display the desired trip meter and press and hold the display change button.

- Distance until next engine oil change

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

■ Pop-up display (if equipped)

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

Changing the meter light brightness

The brightness of the meter light can be changed on ⚙ of the

multi-information display.

1 Select ⚙ of the multi-information display.

2 Press the ❮ or ❯ meter control switch to select “Adjust Meter Brightness”.

3 Press and hold the OK meter control switch.

4 Press ❮ or ❯ to adjust the brightness.

Adjusting the clock (vehicles without multimedia system)

■ Adjusting the minute to “00”

1 Select ⚙ of the multi-information display.

2 Press ❮ or ❯ to select “Clock Setting”.

Press the OK to set the clock to the beginning of the nearest hour.

e.g.

1:00 to 1:29 → 1:00

1:30 to 1:59 → 2:00

■ Changing the clock

1 Select ⚙ of the multi-information display.

2 Press ❮ or ❯ to select “Clock Setting” and then press and hold OK .

3 Press ^ or ⌄ meter control switch to change the setting.

The following can be changed:

- 12-hour/24-hour format
- Hour
- Minute

Adjusting the clock (vehicles with multimedia system)

■ The clocks can be adjusted on the audio system screen.

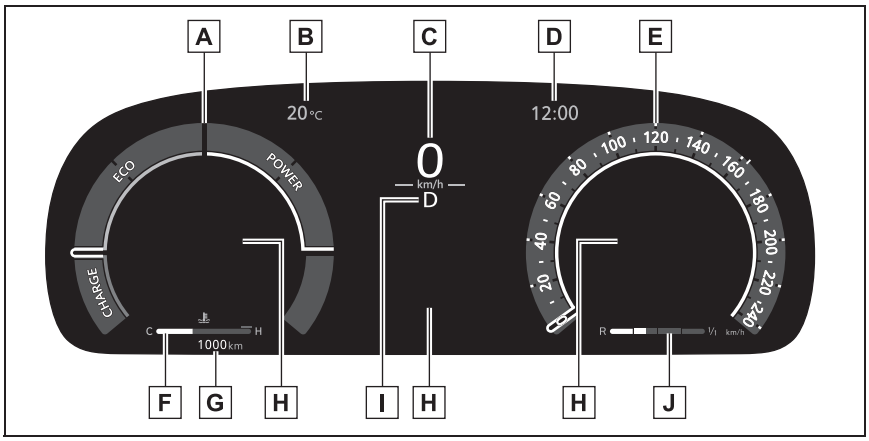
Refer to “Multimedia owner’s manual”.

Gauges and meters (12.3-inch display)

Meter display

■ Locations of gauges and meters

▶ 2-dial display



A Hybrid System Indicator/Tachometer

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

This setting can be changed on the setting screen. (→P.513)

B Outside temperature

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

C Speedometer

D Clock (→P.109)

E Speedometer

F Engine coolant temperature gauge

Displays the engine coolant temperature

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

H Multi-information display

Presents the driver with a variety of vehicle data (→P.115)

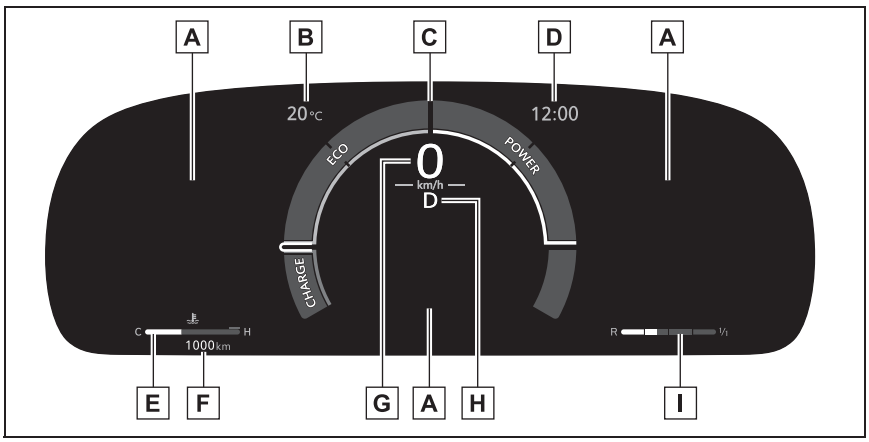
Displays warning messages if a malfunction occurs (→P.442)

I Shift position indicator (→P.204)

J Fuel gauge

Displays the quantity of fuel remaining in the tank

▶ 1-dial display



A Multi-information display

Presents the driver with a variety of vehicle data (→P.115)
Displays warning messages if a malfunction occurs (→P.442)

B Outside temperature

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

C Hybrid System Indicator/Speedometer/Tachometer

Hybrid System Indicator: Displays hybrid system output or regeneration level (→P.107)

This setting can be changed on the setting screen. (→P.513)

D Clock (→P.109)

E Engine coolant temperature gauge

Displays the engine coolant temperature

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

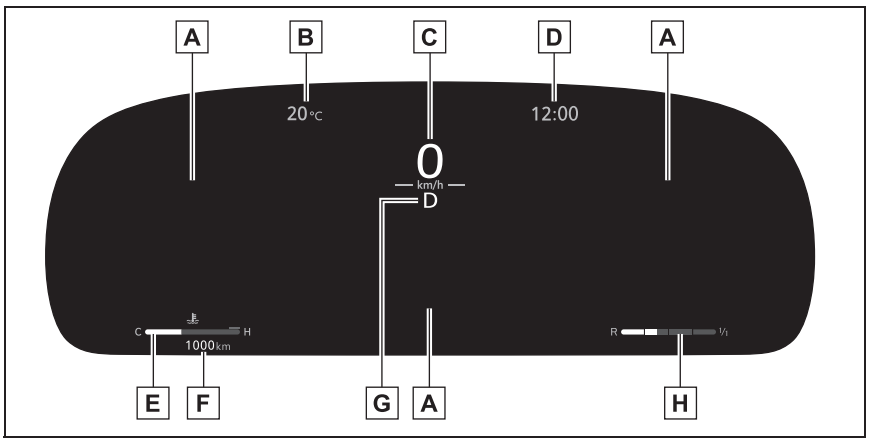
G Speedometer

H Shift position indicator (→P.108)

I Fuel gauge

Displays the quantity of fuel remaining in the tank

▶ Non-dial display



A Multi-information display

Presents the driver with a variety of vehicle data (→P.115)
Displays warning messages if a malfunction occurs (→P.442)

B Outside temperature

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

C Speedometer

D Clock (→P.109)

E Engine coolant temperature gauge

Displays the engine coolant temperature

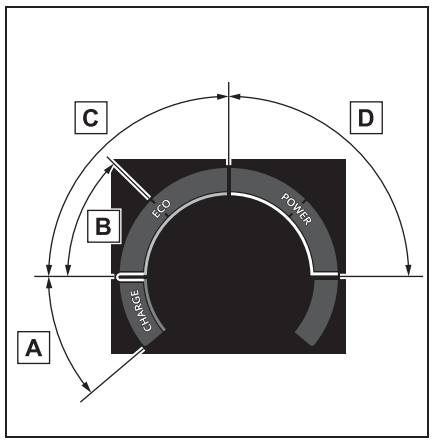
F Odometer and trip meter display (→P.108)

G Shift position indicator (→P.108)

H Fuel gauge

Displays the quantity of fuel remaining in the tank

■ Hybrid System Indicator



A Charge area

Shows regeneration* status.

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

B 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.

C 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.

D Power area

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

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

■ Engine speed

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

■ Hybrid System Indicator will operate when

The Hybrid System Indicator will operate in the following situations:

- The “READY” indicator is illuminated.
- The shift lever is in D or B.

■ Outside temperature display

- In the following situations, the correct outside temperature may not be displayed, or the display may take longer than normal to change:
  - When stopped, or driving at low speeds (less than 20 km/h [12 mph])
  - When the outside temperature has changed suddenly (at the entrance/exit of a garage, tunnel, etc.)
- When “--” or “E” is displayed, the system may be malfunctioning. Take your vehicle to any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ Liquid crystal display

→P.115

■ Free/Open Source Software Information

This product contains Free/Open Source Software (FOSS). The license information and/or the source code of such FOSS can be found at the following URL.

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

■ Customization

The gauges and meters can be customized in ⚙ of the multi-information dis-

play. (→P.513)

WARNING

■ The information display at low temperatures

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

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

NOTICE

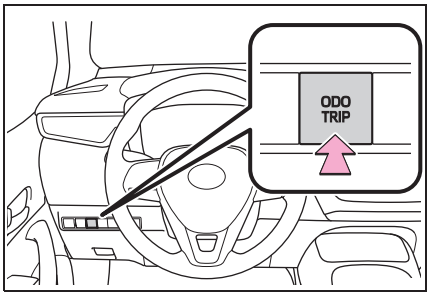
■ To prevent damage to the engine and its components

- Do not let the indicator needle of the tachometer enter the red zone, which indicates the maximum engine speed.
- The engine may be overheating if the engine coolant temperature gauge is in the red zone (H). In this case, immediately stop the vehicle in a safe place, and check the engine after it has cooled completely. (→P.495)

Odometer and trip meter display

■ Changing the display

Each time the "ODO TRIP" switch is pressed, the displayed item will be changed. When the trip meter is displayed, pressing and holding the switch will reset the trip meter.



■ Display items

- Odometer

Displays the total distance the vehicle has been driven.

- Trip meter A/Trip meter B

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

To reset, display the desired trip meter and press and hold the "ODO TRIP" switch.

- Distance until next engine oil change

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

■ Pop-up display (if equipped)

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

Changing the meter light brightness

The brightness of the meter light can be changed on ⚙ of the

multi-information display.

1 Select ⚙ of the multi-information display.

2 Press the ∧ or ∨ meter control switch to select “Adjust Meter Brightness”.

3 Press and hold the OK meter control switch.

4 Press 〈 or 〉 to adjust the brightness.

Adjusting the clock

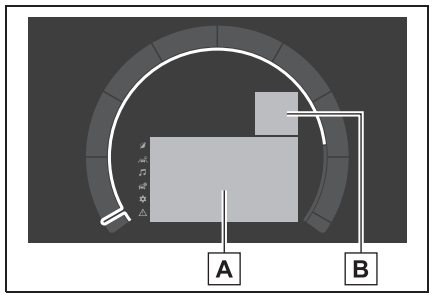
■ **The clocks can be adjusted on the audio system screen.**

Refer to “Multimedia owner’s manual”.

Multi-information display (7-inch display)

Display and menu icons

■ **Display**



A Content display area

By selecting menu icons on the multi-information display, a variety of driving-related information can be displayed. The multi-information display can also be used to change display settings and other vehicle settings.

Warning or advice pop-up displays are also displayed in certain situations.

B Driving support system status display area

Displays an image when the following systems are operating and a menu icon other than is selected:

- LTA (Lane Tracing Assist)
- LDA (Lane Departure Alert)
- Dynamic radar cruise control
- Cruise control

■ **Menu icons**

The menu icons will be displayed by pressing the ∧ or ∨ meter control switch.

Driving information display (→P.110)

Driving support system information display (→P.113)

Audio system-linked display (if equipped) (→P.113)

Vehicle information display (→P.113)

Settings display (→P.114)

Warning message display (→P.452)

■ Liquid crystal display

Small spots or light spots may appear on the display. This phenomenon is characteristic of liquid crystal displays, and there is no problem continuing to use the display.

⚠ WARNING

■ Caution for use while driving

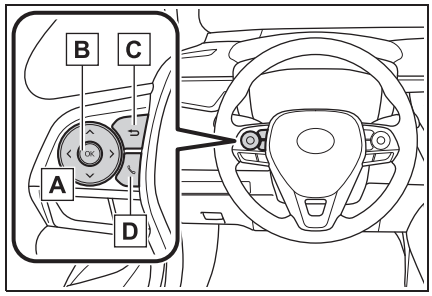
- When operating the multi-information display while driving, pay extra attention to the safety of the area around the vehicle.
- Do not look continuously at the multi-information display while driving as you may fail to see pedestrians, objects on the road, etc. ahead of the vehicle.

■ The information display at low temperatures

→P.102

Changing the meter display

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



A ∧/∨: Select menu icons, scroll the screen and move the cursor

〈/〉: Change displayed content, scroll the screen and move the cursor

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

C Return to the previous screen

D Call sending/receiving and history display

Linked with the hands-free system, sending or receiving call is displayed. For details regarding the hands-free system, refer to the “Multimedia owner’s manual”.

Content of driving information

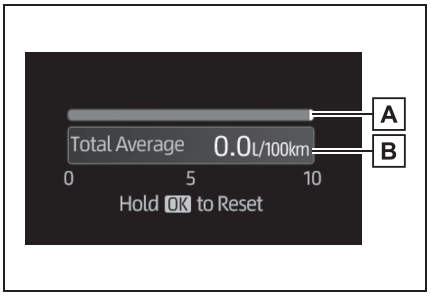
■ Display items

- Fuel economy
- ECO Accelerator Guidance/Eco score
- EV driving ratio

■ Fuel economy

Use the displayed values as a refer-

ence only.



A Current fuel consumption

Displays instantaneous current fuel consumption.

B Average fuel economy (after reset)

To reset the average fuel economy display, press and hold the OK meter control switch.

The average fuel economy display can be changed in ⚙. (→P.114)

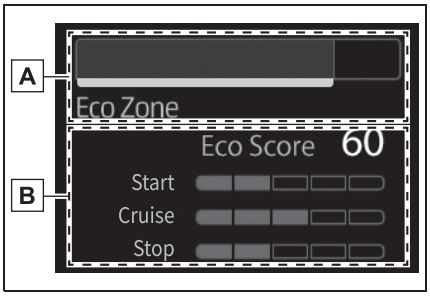
- Average fuel economy (after start)

Displays the average fuel consumption since hybrid system start.

- Average fuel economy (after refuel)

Displays the average fuel consumption since the vehicle was refueled.

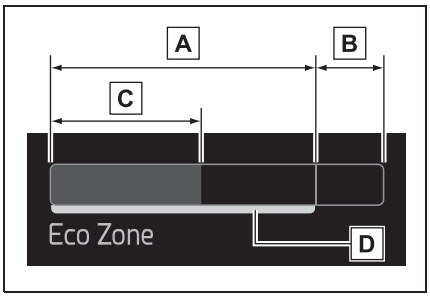
ECO Accelerator Guidance/Eco score



A ECO Accelerator Guidance

B Eco score

- ECO Accelerator Guidance



A Eco area

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

B Power area

Indicates that the Eco-friendly driving range is being exceeded (during full power driving, etc.)

C Current accelerator pedal operation

Displayed as a green bar when within the Eco area.

Eco-friendly acceleration can be achieved by keeping the accelerator pedal operation display within the range indicated by the blue bar. (→P.184)

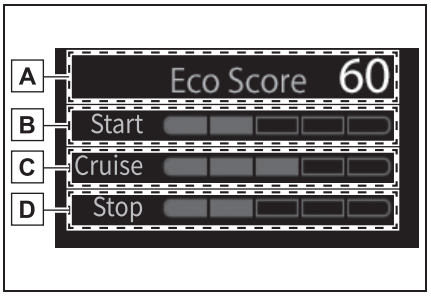
D Zone of Eco acceleration

Displayed as a blue bar, and represents an estimated suitable accelerator pedal operation range for the current driving conditions, such as starting off or cruising.

This display changes according to situation, such as when starting off or cruising.

● Eco score

The following 3 Eco driving methods are evaluated in 5 levels: Smooth start-off acceleration, driving without sudden acceleration, and smooth stopping. When the vehicle is stopped, an Eco score out of 100 points will be displayed.



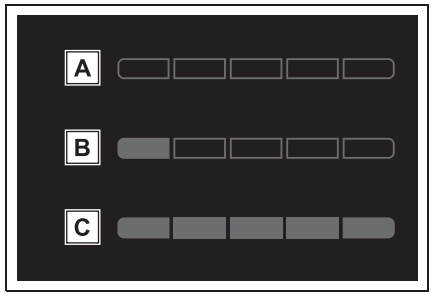
A Score result

B Eco start status

C Eco cruise status

D Eco stop status

How to read the bar display



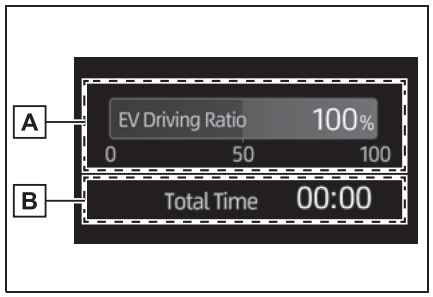
A Not yet evaluated

B Low

C High

- After the hybrid system is started, the Eco score will not be displayed until the vehicle speed exceeds approximately 30 km/h (19 mph).
- The Eco score will be reset each time the hybrid system is started.

■ **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.

■ **The 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 cruise control or dynamic radar cruise control.

Driving support system information display

■ **Driving support system information**

Select to display the operational status of the following systems:

- LTA (Lane Tracing Assist) (→P.254)
- LDA (Lane Departure Alert) (→P.259)
- Dynamic radar cruise control (→P.273)
- Cruise control (→P.282)

■ **Navigation system-linked display (if equipped)**

Select to display the following navigation system-linked information:

- Route guidance to destination
- Compass display (heading-up display)

Audio system-linked display (if equipped)

Select to enable selection of an audio source or track on the meter using the meter control switches.

This menu icon can be set to be displayed/not displayed in ⚙.

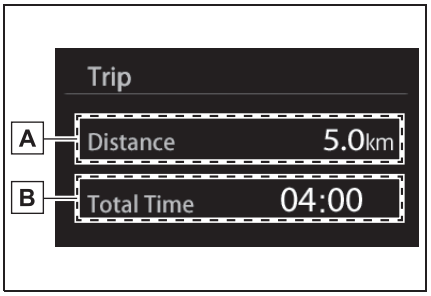
Vehicle information display

■ **Display items**

- Drive information
- Energy monitor (→P.126)

■ **Drive information**

Displays drive information such as the following:



A Drive information 1

B Drive information 2

Displays the following depending on which drive information type and drive information items were selected in ⚙. (→P.114)

- After start
  - Distance: Displays the distance driven since hybrid system start
  - Elapsed time: Displays the elapsed time since hybrid system start
  - Average vehicle speed: Displays the average vehicle speed since hybrid system start
- After reset
  - Distance: Displays the distance

driven since the display was reset*
- Elapsed time: Displays the elapsed time since the display was reset*
- Average vehicle speed: Displays the average vehicle speed since the display was reset*

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

Settings display

Meter display settings that can be changed

● Language

Select to change the language displayed.

● Units

Select to change the units of measure displayed.

● Meter Type

Select to change the meter type.

● Dial Type

Select to change the display of the speedometer, tachometer or Hybrid System Indicator.

● EV indicator

Select to enable/disable the EV indicator.

● 

- Fuel economy display

Select to change the average fuel consumption display to any of the following: trip average/total average/tank average. (→P.110)

- Hybrid system display

Select to display/not display the zone of Eco acceleration of the Eco Accelerator Guidance. (→P.111)

● 

Select to display/not display the audio system linked display.

● 

Select to change the displayed content of the following:

- Display contents

Select to display/not display the energy monitor. (→P.126)

- Drive information type

Select to change the drive information type display between trip information/total information.

- Drive information items

Select to set the first and second items of the drive information display to any of the following: average vehicle speed/distance/elapsed time.

● Pop-up display

Select to enable/disable pop-up displays for each relevant system.

● Multi-information display off

Select to turn the multi-information display off.

To turn the multi-information display on again, press any of the following meter control switches



● Default setting

Select to reset the meter display settings to the default setting.

Vehicle functions and settings that can be changed

→P.126

■ **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**

If the hybrid system is operating while changing certain settings on the settings 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.

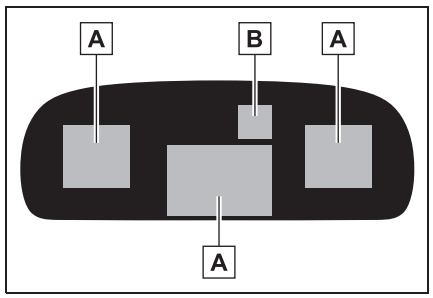
NOTICE

■ **During setting up the display**

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

Multi-information display (12.3-inch display)

Display



A Content display area

By selecting menu icons on the multi-information display, a variety of driving-related information can be displayed. The multi-information display can also be used to change display settings and other vehicle settings.

Warning or advice pop-up displays are also displayed in certain situations.

B Driving support system status display area

Displays a contracted display of the driving support system status when not selected for the multi-information display, while any of the following systems are operating:

- LTA (Lane Tracing Assist)
- LDA (Lane Departure Alert)
- Dynamic radar cruise control
- Cruise control

■ **Liquid crystal display**

Small spots or light spots may appear on the display. This phenomenon is characteristic of liquid crystal displays, and there is no problem continuing to use the display.

WARNING

■ **Caution for use while driving**

- When operating the multi-information display while driving, pay extra attention to the safety of the area around the vehicle.
- Do not look continuously at the multi-information display while driving as you may fail to see pedestrians, objects on the road, etc. ahead of the vehicle.

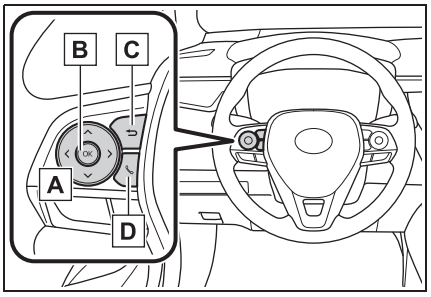
■ **The information display at low temperatures**

→P.108

Changing the meter display

■ Meter control switch

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



A ‹ / › : Select menu icons

^ / v : Change displayed content, scroll up/down the screen and move the cursor up/down

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

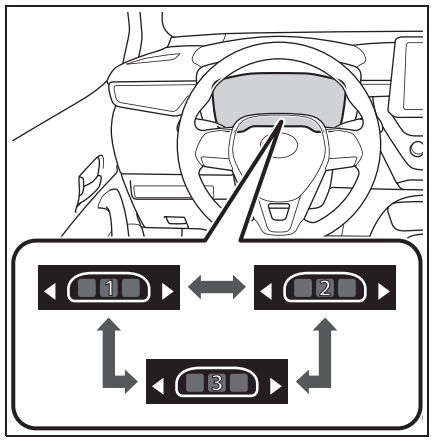
C Return to the previous screen

D Call sending/receiving and history display

Linked with the hands-free system, sending or receiving call is displayed. For details regarding the hands-free system, refer to the “Multimedia owner's manual”.

■ Changing meter pages

Press the ‹ or › meter control switch to change the meter page.



Content of multi-information display (Center)

■ Display contents

- Driving support system information display
- Navigation system-linked display (if equipped)
- Settings
- Warning message (→P.452)

■ Changing contents in a page

Select the desired content on the page’s setting mode display.

1 Press the ❮ or ❯ meter control switch to select a page.

2 To enable page edit, press and hold the OK meter control switch.

3 Press the ❮ or ❯ meter control switch to select a display to be changed.

4 Press ^ or ⌄ meter control switch to select a content.

5 When the setting is complete, press ⮌.

■ **Driving support system information display**

Select to display the operational status of the following systems:

- LTA (Lane Tracing Assist) (→P.254)
- LDA (Lane Departure Alert) (→P.259)
- Dynamic radar cruise control (→P.273)
- Cruise control (→P.282)

■ **Navigation system-linked display (if equipped)**

Select to display the following navigation system-linked information:

- Route guidance to destination
- Compass display (heading-up display)

■ **Settings**

The meter display settings can be changed in ⚙.

- Language

Select to change the language displayed.

- Units

Select to change the units of measure displayed.

- Meter Type

Select to change the meter type.

- Meter Style

Select to change the meter style.

- Dial Type

1 dial: Select to change the display of the speedometer, tachometer or Hybrid System Indicator.

2 dial: Select to change the left side dial of the Hybrid System Indicator or tachometer.

- EV indicator

Select to enable/disable the EV indicator.

- Fuel Economy

Select to set the display of the fuel economy.

- Hybrid System

Select to set the display of the zone of Eco acceleration.

- Drive Info Items

Select to change the display of the drive information.

- TRIP A/B Items

Select to change the display of the drive information of TRIP A/B.

- Pop-up display

Select to enable/disable pop-up displays for each relevant system.

- Default settings

Select to reset the meter display settings to the default setting.

Content of multi-information display (Side)

■ Display contents (Side)

- Fuel economy
- ECO Accelerator Guidance/Eco score
- EV Driving Ratio/Elapsed time after starting
- Driving support system information display
- Navigation system-linked display
- Audio system-linked display
- Drive information
- Drive information of Trip A/B
- Energy monitor (→P.126)
- Tire Pressure (→P.400)

Changing items to be displayed on the side multi-information displays. (→P.118)

■ Changing contents in a page

→P.116

■ Changing contents to be displayed on the side multi-information displays

1 Press the ❮ or ❯ meter control switch to select a page.

2 To enable page edit, press and hold the OK meter control switch.

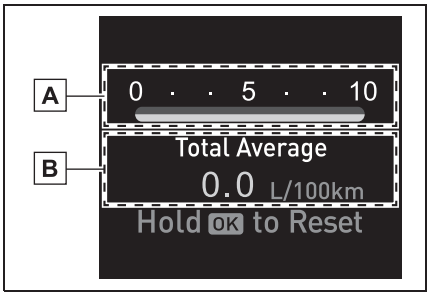
3 Press the ❮ or ❯ meter control switch to select the desired side multi-information display to be changed.

4 Press the ❮ or ❯ meter control switch for the side that ☰ is displayed to move to a content list screen that enables to select display/not display each items.

5 Press ^ or ⌄ control switch to select a content and select OK to set for display/not display the item.

■ Fuel economy

Use the displayed values as a reference only.



A Current fuel consumption

Displays instantaneous current fuel consumption.

B Average fuel economy (after reset)

The average fuel economy display can be changed in ⚙. (→P.117)

- Average fuel economy (after start)

Displays the average fuel consumption

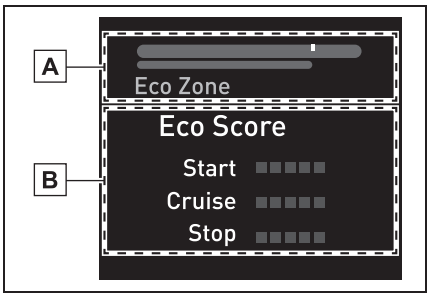
since hybrid system start.

- Average fuel economy (after reset)

Displays average fuel consumption since display was reset.

To reset the average fuel economy display, press and hold the OK meter control switch.

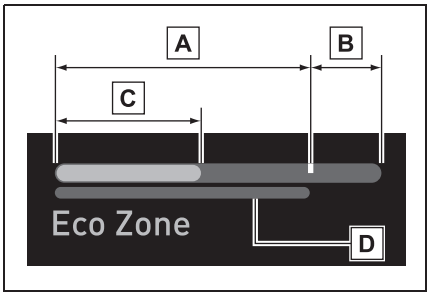
■ ECO Accelerator Guidance/Eco score



A ECO Accelerator Guidance

B Eco score

- ECO Accelerator Guidance



A Eco area

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

B Power area

Indicates that the Eco-friendly driving range is being exceeded (during full power driving, etc.)

C Current accelerator pedal operation

Displayed as a green bar when within the Eco area.

Eco-friendly acceleration can be achieved by keeping the accelerator pedal operation display within the range indicated by the blue bar. (→P.184)

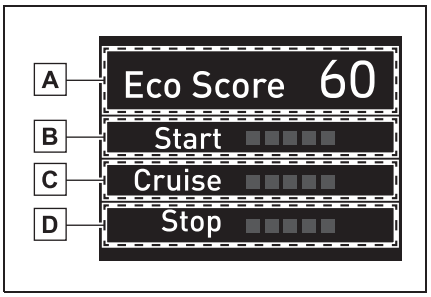
D Zone of Eco acceleration

Displayed as a blue bar, and represents an estimated suitable accelerator pedal operation range for the current driving conditions, such as starting off or cruising.

This display changes according to situation, such as when starting off or cruising.

- Eco score

The following 3 Eco driving methods are evaluated in 5 levels: Smooth start-off acceleration, driving without sudden acceleration, and smooth stopping. When the vehicle is stopped, an Eco score out of 100 points will be displayed.



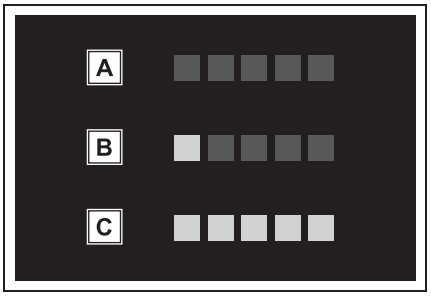
A Score result

B Eco start status

C Eco cruise status

D Eco stop status

How to read the bar display



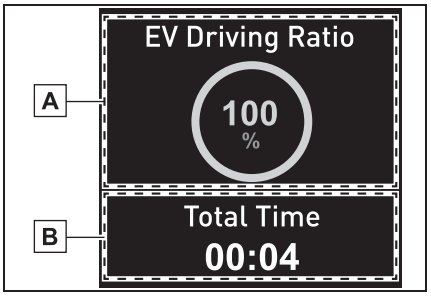
A Not yet evaluated

B Low

C High

- After the hybrid system is started, the Eco score will not be displayed until the vehicle speed exceeds approximately 30 km/h (19 mph).
- The Eco score will be reset each time the hybrid system is started.

EV Driving Ratio/Elapsed time after starting



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.

Driving support system information display

Select to display the operational status of the following systems:

- LTA (Lane Tracing Assist) (→P.254)
- LDA (Lane Departure Alert) (→P.259)
- Dynamic radar cruise control (→P.273)
- Cruise control (→P.282)

Navigation system-linked display (if equipped)

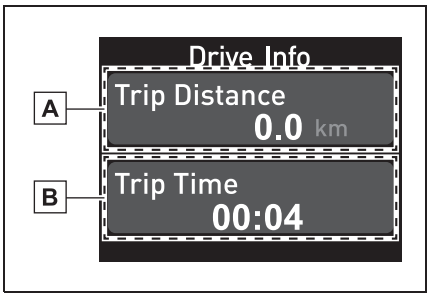
Select to display the following navigation system-linked information:

- Route guidance to destination
- Compass display (heading-up display)

Audio system-linked display

Displays the audio source or track.

Drive information



A Drive information 1

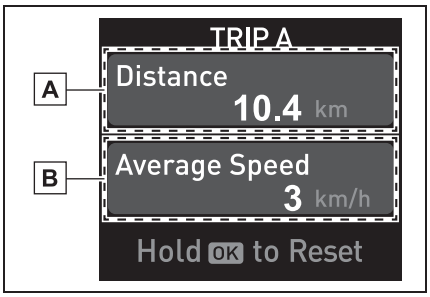
B Drive information 2

Displays the following depending on which drive information type and drive information items were

selected in ⚙. (→P.121)

- Average speed: Displays the average vehicle speed since hybrid system start
- Trip distance: Displays the distance driven since hybrid system start
- Trip time: Displays the elapsed time since hybrid system start

■ Drive information of TRIP A/B



A Drive information of trip A/B 1

B Drive information of trip A/B 2

Displays the following depending on which drive information type and drive information items were selected in ⚙. (→P.121)

- Average speed: Displays the average vehicle speed of trip A/B
- Trip distance: Displays the distance driven of trip A/B
- Trip time: Displays the elapsed time of trip A/B

■ The 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 cruise control or dynamic radar cruise control.

Settings display

■ Vehicle functions and settings that can be changed

→P.513

■ Meter display settings

→P.117

■ 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

If the hybrid system is operating while changing certain settings on the settings 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

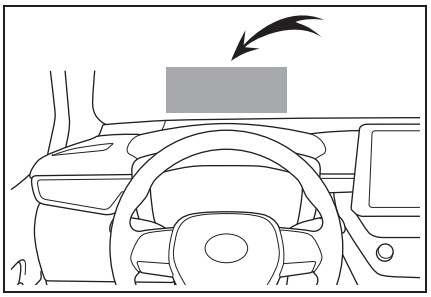
To prevent 12-volt battery discharge, ensure that the hybrid system is operating while setting up the display features.

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.

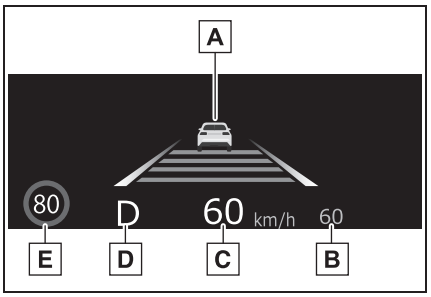
System components



Can be changed the head-up display type. (→P.122)

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

■ **Full**



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

A Driving support system information display area(→P.124)/navigation system-linked display area (if equipped)/Tachometer display area (→P.125)

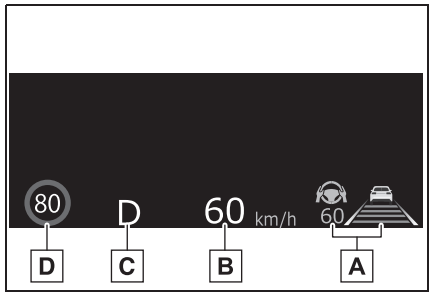
B Driving support system information display area (→P.124)

C Speedometer

D Shift position (→P.204)

E RSA (Road Sign Assist) display area (→P.269)

■ **Standard**



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

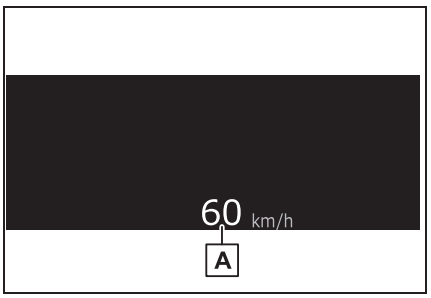
A Driving support system information display area (→P.124)

B Speedometer

C Shift position (→P.204)

D RSA (Road Sign Assist) display area (→P.269)

■ **Minimum**



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

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 (vehicles with a navigation system)**

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

WARNING

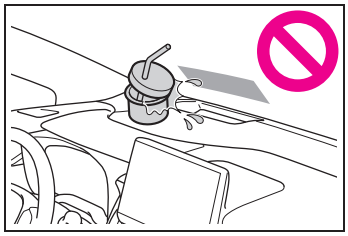
■ **When using the head-up display**

- 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

Select ⚙ on the multi-information display (→P.117) and then "HUD Main".

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

Press the OK meter control switch to enable/disable the head-up display.

Changing the head-up display settings

Press and hold the OK meter control switch to change the following settings:

- Enabling/disabling the head-up display

Select to enable/disable the head-up display

- Display type

Select to change the display type of the head-up display

- Brightness and vertical position of the head-up display

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

- Display angle

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

Enabling/disabling of the head-up display

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

Display brightness

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.

WARNING

Caution for changing settings of the head-up display

If the hybrid system is operating while changing certain settings on the settings 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 status

Displays the operational status of the following systems:

- LTA (Lane Tracing Assist) (→P.254)
- LDA (Lane Departure Alert) (→P.259)
- Dynamic radar cruise control (→P.273)
- Cruise control (→P.282)

Details of content displayed on the head-up display may differ from that displayed on the multi-information display. For details, refer to the explanation of each system.

Pop-up display

Pop-up displays for the following systems will be displayed when necessary:

■ Driving support systems

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

■ ⚠ icon

Displayed when a warning message is displayed on the multi-information display. (→P.452)

■ Warning message

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

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

■ Audio system operation status (if equipped)

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

■ Hands-free system status

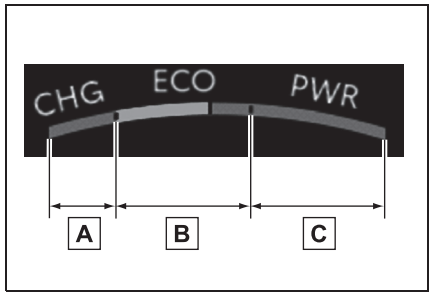
Displayed when the hands-free system is operated.

■ When a pop-up display is displayed

When a pop-up display is displayed, a current display may no longer be displayed. In this case, the display will return after the pop-up display disappears.

Hybrid System Indicator/Tachometer

■ Hybrid System Indicator



A Charge area

B Eco area

C Power area

Displayed content is the same as that displayed on the multi-information display (Hybrid System Indicator). For details, refer to P.107.

■ Tachometer

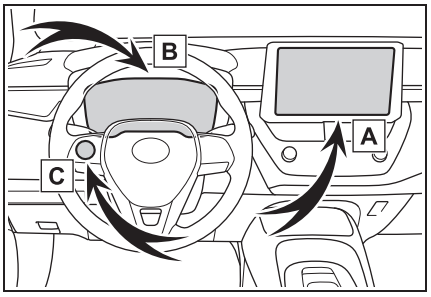
Displays the engine speed in revolutions per minute.

Energy monitor/consumption screen*

*: If equipped

You can view the status of your hybrid system on the multi-information display and the audio system screen.

System components



A Audio system screen

B Multi-information display

C Meter control switches (→P.110, 116)

Energy monitor

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

■ **Display procedure**

▶ Multi-information display (7-inch display)

1 Select of the multi-information display.

2 Press ∧ or ∨ to select "Energy Monitor" and then press and hold OK .

▶ Multi-information display (12.3-inch display)

1 Select of the multi-information display and then press and hold OK .

2 Press ‹ or › to select "Energy Monitor" and then press and hold OK .

▶ Audio system screen

1 Select on the main menu.

2 Select "Energy flow".

■ **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

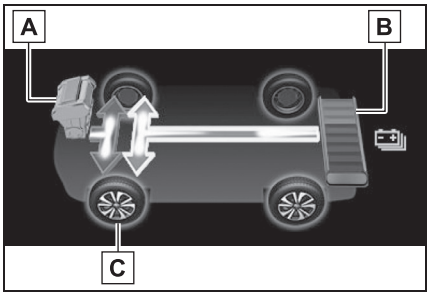
Green or blue: When the hybrid battery (traction battery) is regenerated or charged.

Yellow or orange: 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.

▶ Multi-information display (7-inch display)

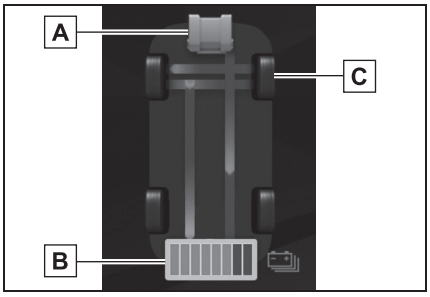


A Gasoline engine

B Hybrid battery (traction battery)

C Tires

▶ Multi-information display (12.3-inch display)

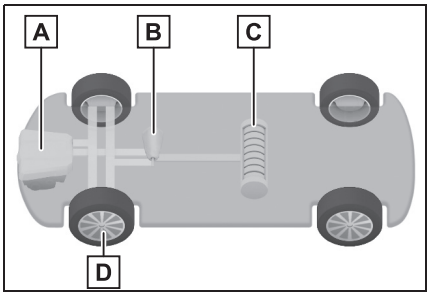


A Gasoline engine

B Hybrid battery (traction battery)

C Tires

▶ Audio system screen



A Gasoline engine

B Electric motor (traction motor)

C Hybrid battery (traction battery)

D Tires

■ Color of the hybrid battery (traction battery) on the display

It will be green when the hybrid battery (traction battery) is being charged, and yellow when the hybrid battery (traction battery) is being used.

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

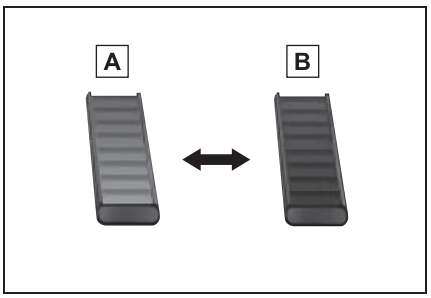
- The buzzer sounds intermittently when the hybrid battery (traction battery) remains without charging while the shift lever is in N, or the remaining charge amount drops below a certain level. If the remaining charge amount drops further, the buzzer sounds continuously.
- When a warning message is shown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

■ Color of the gasoline engine on the audio system screen

It will be blue when the engine is warming up, and it will turn to red when the warming up is finished.

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

▶ Multi-information display (7-inch display)

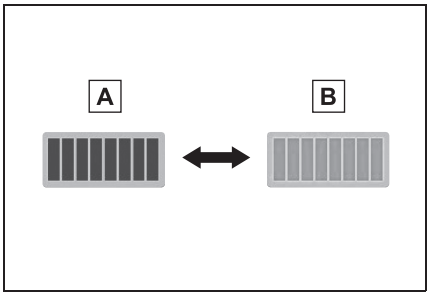


A Low

B High

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

▶ Multi-information display (12.3-inch display)

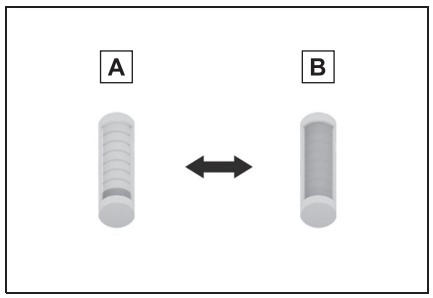


A Low

B High

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

▶ Audio system screen



A Low

B High

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

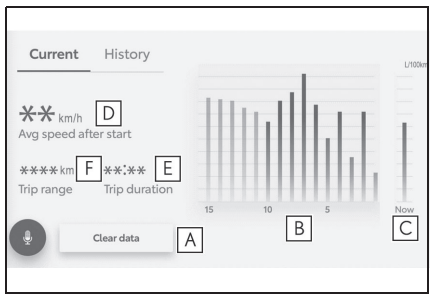
Consumption

■ **Trip information**

1 Select on the main menu.

2 Select “Trip information”.

If a screen other than “Current” is displayed, select “Current”.



The image is an example only, and may vary slightly from actual conditions.

A Resetting the consumption data

B Fuel consumption in the past 15 minutes

C Current fuel consumption

D Average vehicle speed since the hybrid system was started.

E Elapsed time since the hybrid system was started.

F Cruising range

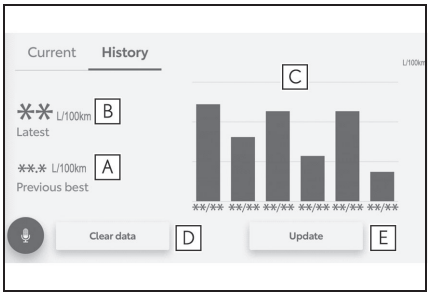
Average fuel consumption for the past 15 minutes is divided by color into past averages and averages attained since the power switch was last turned to ON. Use the displayed average fuel consumption as a reference.

■ History

1 Select on the main menu.

2 Select “Trip information”.

If a screen other than “History” is displayed, select “History”.



The image is an example only, and may vary slightly from actual conditions.

A Best recorded fuel consumption

B Latest fuel consumption

C Previous fuel consumption record

D Resetting the history data

E Updating the latest fuel consumption data

The average fuel consumption history is divided by color into past averages and the average fuel consumption since the last updated. Use the displayed average fuel consumption as a reference.

■ Updating the history data

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

■ Resetting the data

The fuel consumption data can be deleted by selecting “Clear data”.

■ Cruising range

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

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

3-1. Key information

Keys.....132

3-2. Opening, closing and locking the doors

Side doors 135

Back door 139

Smart entry & start system 151

3-3. Adjusting the seats

Front seats.....158

Rear seats 159

Head restraints 161

3-4. Adjusting the steering wheel and mirrors

Steering wheel.....163

Inside rear view mirror 164

Outside rear view mirrors 165

3-5. Opening and closing the windows

Power windows.....168

Panoramic moon roof 170

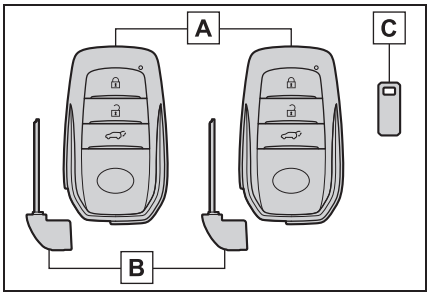
3-6. Favorite settings

My Settings.....175

Keys

The keys

The following keys are provided with the vehicle.



A Electronic keys

- Operating the smart entry & start system (→P.151)
- Operating the wireless remote control function (→P.133)

B Mechanical keys

C Key number plate

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 shown on the multi-information display when the hybrid system is stopped.
- 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.154)
- As the electronic key always receives radio waves, the battery will become depleted even if the electronic key is not used. The following symptoms indicate that the electronic key battery may be depleted. Replace the battery when necessary. (→P.422)
  - 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.
- To avoid serious deterioration, do not leave the electronic key within 1 m (3 ft.) of the following electrical appliances that produce a magnetic field:
  - TVs
  - Personal computers
  - Cellular phones, cordless phones and battery chargers
  - Recharging cellular phones or cordless phones
  - Table lamps
  - Induction cookers
- If the electronic key is near the vehicle for longer than necessary, even if the smart entry & start system is not operated, the key battery may become depleted faster than normal.

Replacing the battery

→P.422

The electronic key function is suspended when

The electronic key function may be suspended when the electronic key is kept unmoved in a same location for a certain period, such as it is left on a same place. This is to reduce battery consumption. The function will be restored automatically when the electronic key is moved, such as it is picked up.

If "A New Key has been Registered Contact Your Dealer for Details" is shown on the multi-information display

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

NOTICE

To prevent key damage

- Do not drop the keys, subject them to strong shocks or bend them.
- Do not expose the keys to high temperatures for long periods of time.
- Do not get the keys wet or wash them in an ultrasonic washer etc.
- Do not attach metallic or magnetic materials to the keys or place the keys close to such materials.
- Do not disassemble the keys.
- Do not attach a sticker or anything else to the surface of the key.
- Do not place the keys near objects that produce magnetic fields, such as TVs, audio systems and induction cookers.
- Do not place the keys near medical electrical equipment such as low-frequency therapy equipment or microwave therapy equipment, and do not receive medical attention with the keys on your person.

Carrying the electronic key on your person

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

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

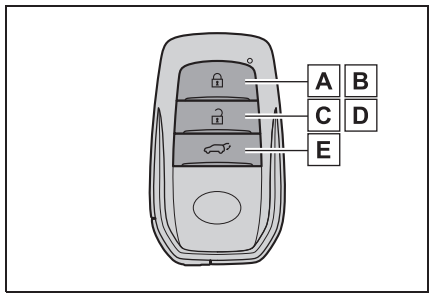
→P.486

When an electronic key is lost

→P.486

Wireless remote control

The keys are equipped with the following wireless remote control:



A Locks the doors (→P.135)

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

C Unlocks the doors (→P.135)

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

E Opens and closes the power back door*2(→P.143)

*1: This setting must be customized at

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

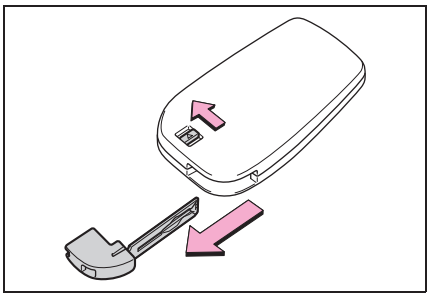
*2: If equipped

Using the mechanical key

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

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

After using the mechanical key, store it in the electronic key. Carry the mechanical key together with the electronic key. If the electronic key battery is depleted or the entry function does not operate properly, you will need the mechanical key. (→P.486)



If you lose your mechanical keys

→P.486

If a wrong key is used

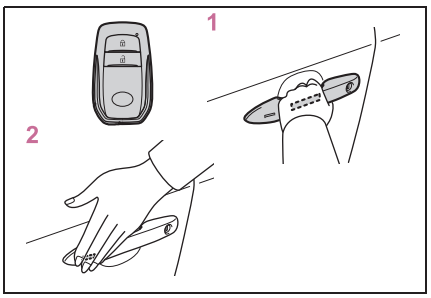
The key cylinder rotates freely, isolated from the internal mechanism.

Side doors

Unlocking and locking the doors from the outside

■ Entry function (if equipped)

Carry the electronic key to enable this function.



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

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

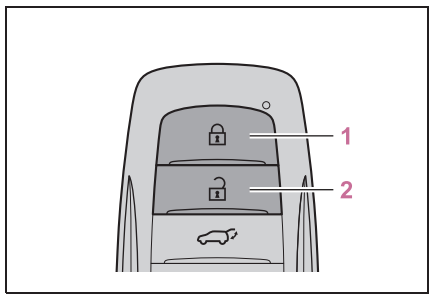
The doors cannot be unlocked for 3 seconds after the doors are locked.

*: The door unlock settings can be changed. (→P.135, 513)

2 Touch the lock sensor (the indentation on the side of the front door handle) to lock all the doors.

Check that the door is securely locked.

■ Wireless remote control



1 Locks all the doors

Check that the door is securely locked.

Press and hold to close the windows*1and panoramic moon roof.*1, 2

2 Unlocks all the doors

Press and hold to open the windows*1and panoramic moon roof.*1, 2

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

*2: If equipped

■ Switching the door unlock function (vehicles with entry function)

It is possible to set which doors the entry function unlocks using the wireless remote control.

1 Turn the power switch off.

2 Cancel the intrusion sensor of the alarm system to prevent unintended triggering of the alarm while changing the settings. (if equipped) (→P.91)

3 When the indicator light on the key surface is not on, press and hold or (if equipped) for approximately 5 seconds while pressing and holding .

The setting changes each time an operation is performed, as shown below. (When changing the setting continu-

ously, release the buttons, wait for at least 5 seconds, and repeat step **2**.)

Multi-information display/Beep	Unlocking function
▶ Left-hand drive vehicles  (7-inch display)  (12.3-inch display) Exterior: Beeps 3 times Interior: Pings once	Holding the driver's door handle unlocks only the driver's door.
	Holding the front passenger's door handle unlocks all the doors.

Multi-information display/Beep	Unlocking function
▶ Right-hand drive vehicles  (7-inch display)  (12.3-inch display) Exterior: Beeps 3 times Interior: Pings once	Holding the driver's door handle unlocks only the driver's door.
	Holding the front passenger's door handle unlocks all the doors.
 (7-inch display)  (12.3-inch display) Exterior: Beeps twice Interior: Pings once	Holding either front door handle unlocks all the doors.

For vehicles with an 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 case that the alarm is triggered,

immediately stop the alarm. (→P.90)

■ **Operation signals**

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

A buzzer sounds to indicate that the windows and panoramic moon roof* are operating.

*: If equipped

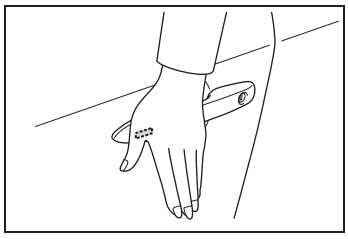
■ **Security feature**

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.

■ **When the door cannot be locked by the lock sensor on the surface of the front door handle (vehicles with entry function)**

If the doors cannot be locked by touching the lock sensor with a finger, touch the lock sensor with the palm of your hand.

If you are wearing gloves, remove them.



■ **Door lock buzzer**

If an attempt to lock the doors using the entry function (if equipped) or wireless remote control is made when a door is not fully closed, a buzzer will sound continuously for 5 seconds. Fully close the door to stop the buzzer, and lock the doors again.

■ **Alarm (if equipped)**

Locking the doors will set the alarm system. (→P.90)

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

→P.154

■ **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.487)

Replace the key battery with a new one if it is depleted. (→P.422)

■ **If the 12-volt battery is discharged**

The doors cannot be locked and unlocked using the entry function (if equipped) or wireless remote control. Lock or unlock the doors using the mechanical key. (→P.487)

■ **Rear seat reminder function**

In order to remind you 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.

- The hybrid system is started within approximately 10 minutes after opening and closing a rear door.
- A rear door has been opened and closed after the hybrid system was started.

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

The rear seat reminder function determines that luggage, etc. has been placed 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**

Some functions can be customized. (→P.513)

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 being thrown out of the vehicle, resulting in death or serious injury.

- Ensure that all doors are properly closed and locked.
- Do not pull the inside door handle while driving.
  Be especially careful of the front doors, as the doors may be opened even if the inside lock buttons are in the locked position.
- Set the rear door child-protector locks when children are seated in the rear seats.

■ When opening or closing a door

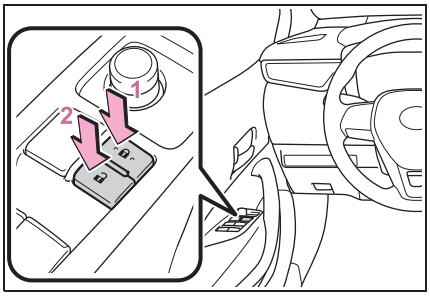
Check the surroundings of the vehicle such as whether the vehicle is on an incline, whether there is enough space for a door to open and whether a strong wind is blowing. When opening or closing the door, hold the door handle tightly to prepare for any unpredictable movement.

■ When using the wireless remote control and operating the power windows or panoramic moon roof (if equipped)

Operate the power windows 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 windows or panoramic moon roof. Also, do not allow children to operate the wireless remote control. It is possible for children and other passengers to get caught in the power windows or panoramic moon roof.

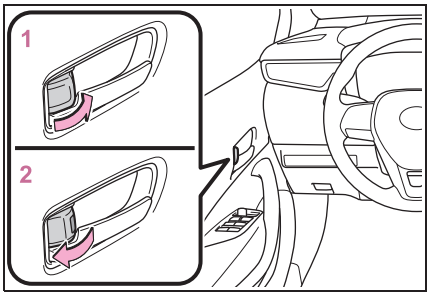
Unlocking and locking the doors from the inside

■ Door lock switches (to lock/unlock)



1 Locks all the doors
2 Unlocks all the doors

■ Inside lock buttons



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.

The key may not be detected correctly and the door may be locked.

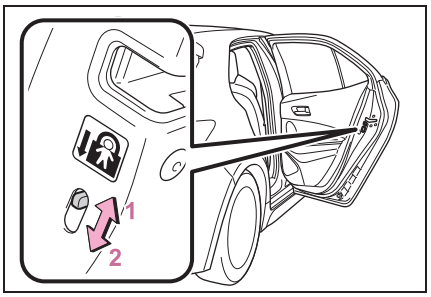
■ Open door warning buzzer

If a door or the back door is not fully closed, a buzzer will sound when the vehicle speed reaches 5 km/h (3 mph).

The open door(s) or back door is indicated on the multi-information display.

Rear door child-protector lock

The door cannot be opened from inside the vehicle when 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.

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.

■ Caution while driving

- Keep the back door closed while driving. If the back door is left open, it may hit near-by objects while driving or luggage may be unexpectedly thrown out, causing an accident.
  In addition, exhaust gases may enter the vehicle, causing death or a serious health hazard. Make sure to close the back door before driving.
- Before driving the vehicle, make sure that the back door is fully closed. If the back door is not fully closed, it may open unexpectedly while driving, causing an accident.
- Never let anyone sit in the luggage compartment. In the event of sudden braking or a collision, they are susceptible to death or serious injury.

■ When children are in the vehicle

- 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.

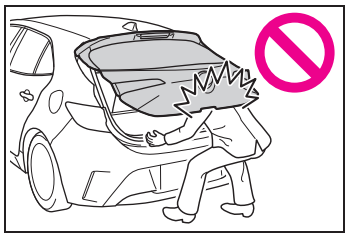
WARNING

- 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.

■ 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 a 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. When the ambient temperature is low, the back door may close suddenly. Make sure that the back door is fully open and secure before using the luggage compartment.



- Vehicles with a power back door: The back door may suddenly shut if it is not opened fully while on a steep incline. Make sure that the back door is secured before using the luggage compartment.
- When closing the back door, take extra care to prevent your fingers, etc. from being caught.



- When closing the back door, make sure to press it lightly on its outer surface. If a back door handle is used to fully close the back door, it may result in hands or arms being caught.

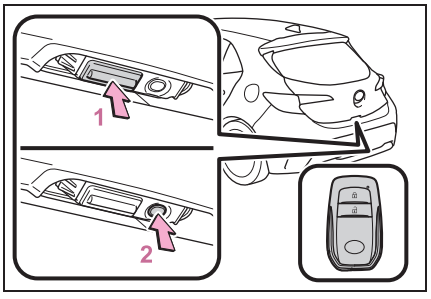
WARNING

- Do not pull on the back door damper stay (vehicles without a power back door) (→P.142) or back door spindle (vehicles with a power back door) (→P.149) to close the back door, and do not hang on the back door damper stay (vehicles without a power back door) or back door spindle (vehicles with a power back door). Doing so may cause hands to be caught or the back door damper stay (vehicles without a power back door) or back door spindle (vehicles with a power back door) to break, causing an accident.
- If a 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

■ Entry function (if equipped)

▶ Hatchback



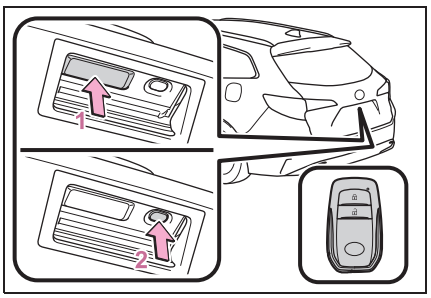
1 Unlocks all the doors

The door cannot be unlocked for 3 seconds after the door is locked.

2 Locks all the doors

Check that the door is securely locked.

▶ Wagon



1 Unlocks all the doors

The door cannot be unlocked for 3 seconds after the door is locked.

2 Locks all the doors

Check that the door is securely locked.

■ Wireless remote control

→P.135

■ Operation signals

→P.137

Unlocking and locking the back door from the inside

■ Door lock switches

→P.138

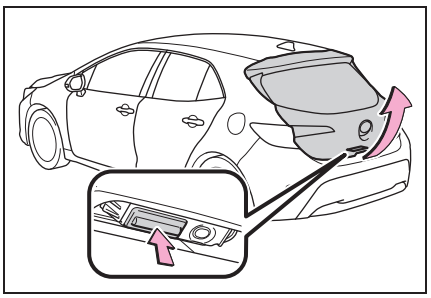
Opening/closing the back door (vehicles without a power back door)

■ Opening the back door

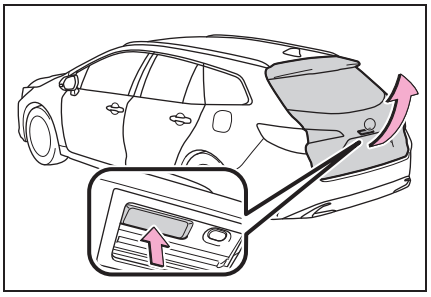
Raise the back door while pushing up the back door opener switch.

The back door cannot be closed immediately after the back door opener switch is pushed.

▶ Hatchback



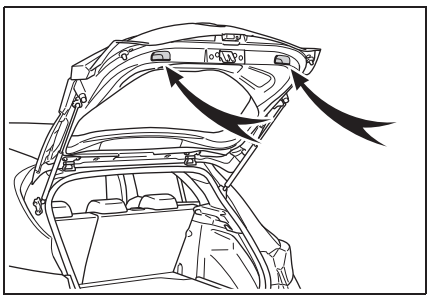
▶ Wagon



■ Closing the back door

Lower the back door using a back door handle, and then push the back door from the outside to close it.

Be careful not to pull the back door sideways when using a handle.



■ Open door warning buzzer

→P.139

■ Luggage compartment light

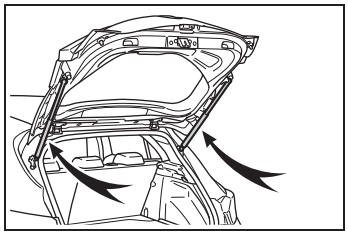
- The luggage compartment light turns on when the back door is opened.
- If the luggage compartment light is left on when the power switch is turned off, the light will go off automatically after 20 minutes.

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.



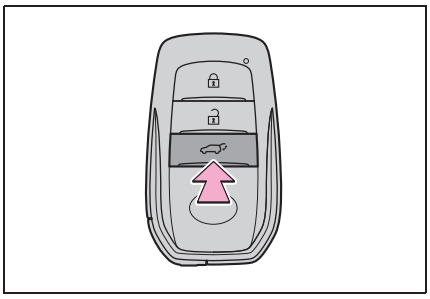
- Do not touch the damper stay rod with gloves or other fabric items.
- Do not attach any accessories other than genuine Toyota parts to the back door.
- Do not place your hand on the damper stay or apply lateral forces to it.

Opening/closing the back door (vehicles with a power back door)

■ Opening/closing the back door using the wireless remote control

Press and hold the switch.

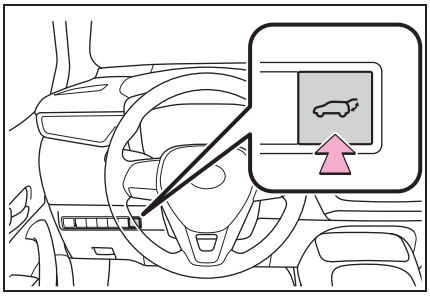
Pressing the switch while the back door is opening/closing will stop the operation. Pressing the switch again will operate the back door in the opposite direction.



■ Opening/closing the back door from the inside

Press and hold the switch.

A buzzer sounds and the back door automatically opens and closes. Pressing the switch while the back door is opening/closing will stop the operation. Pressing the switch again will operate the back door in the opposite direction.



■ Opening/closing the back door from the outside

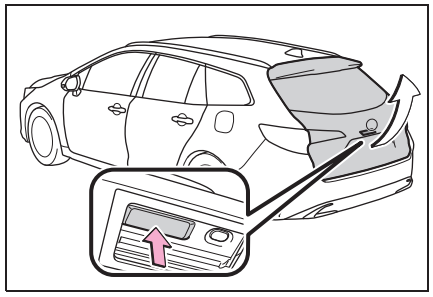
● Opening the back door

When the back door is unlocked: Press the back door opener switch.

A buzzer sounds and the back door automatically opens. Pressing the switch while the back door is opening stops the operation.

When the back door is locked: While carrying the electronic key on your person, press the back door opener switch.

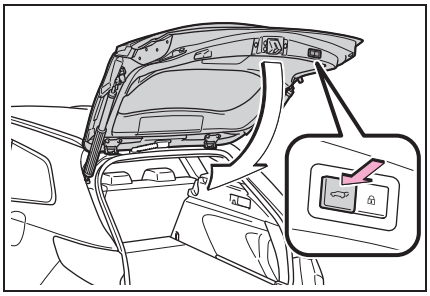
The emergency flashers flash twice and the back door automatically opens. Pressing the switch while the back door is opening stops the operation.



● Closing the back door

Press the switch.

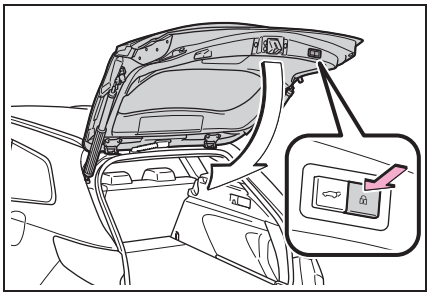
A buzzer sounds and the back door automatically closes. Pressing the switch while the back door is closing stops the operation. Pressing the switch again will operate the back door in the opposite direction.



- Closing the back door and locking all of the doors (close & lock function)

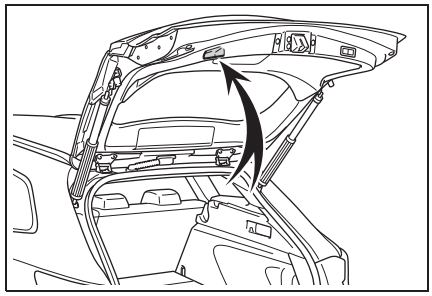
Press the switch.

A different buzzer than the one for a normal power back door closing operation will sound and the back door will begin closing automatically. When the back door is closed, all of the doors will lock simultaneously and operation signals will indicate that all of the doors have been locked. If the switch is pressed while the power back door is closing, the operation will stop.



■ Closing the back door using the back door handle

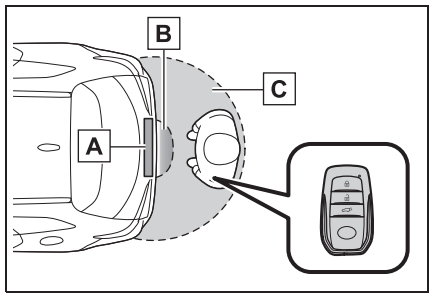
Lower the back door using the back door handle, then a buzzer sounds and the back door automatically closes.



■ Opening/closing the back door 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.

1 While carrying an electronic key, stand within the smart entry & start system operation range.



A Kick sensor

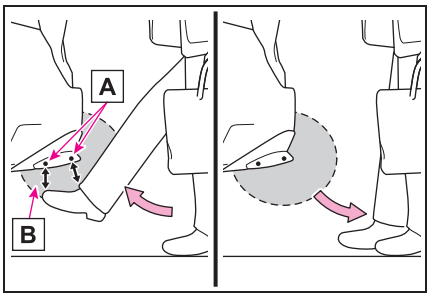
B Hands Free Power Back Door operation detection area

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

2 Perform a kick operation by moving your foot to within approximately 10 cm (3.9 in.) of

the rear bumper and then pulling it back.

- Perform the entire kick operation within 1 second.
- The back door will not start operating while a foot is detected under the rear bumper.
- Operate the Hands Free Power Back Door without touching 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.
- When raining or in wet conditions it may take slightly longer than normal for the operation to occur.
- The kick has to be performed with instep (toe up) to activate 2 sensors.
- Vehicles with a genuine Toyota towing hitch vertical detachable: Refer to Installation Instructions.



A Kick sensors

B Hands Free Power Back Door operation detection area

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

If kick operation is performed while the back door is opening/closing, the back door will stop the operation. Perform a kick operation again will operate the back door in the opposite direction.

Luggage compartment light

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

Power back door operating conditions

If the following conditions are met with the power back door operation enabled (→P.513), the power back door can be opened and closed automatically.

- When the back door is unlocked
- When the power switch is in ON, one of the following conditions must be met in addition to the above conditions:

• The parking brake is engaged.
• The brake pedal is depressed.
• The shift lever is in P.

Kick sensor operating conditions

- When the kick sensor operation setting is turned on and the power switch is turned off
- When an electronic key is carried within the operation range

Operation of the power back door

- When the power back door system is disabled, the power back door will not operate, but it can still be opened and closed manually.
- When the power back door is opening, if the power back door becomes obstructed, operation will stop.

Close & lock function

When the power back door is open, this

function closes the power back door and then locks all of the doors simultaneously. When the following procedures are performed and there are no electronic keys for the vehicle within the vehicle, all of the doors will lock when the power back door is completely closed.

1 Close all of the doors except the power back door.

2 While carrying an electronic key, press the switch on the lower part of the power back door (→P.143).

A different buzzer than the one for a normal power back door closing operation will sound and then the power back door will begin closing automatically. When the power back door is closed, all of the doors will lock simultaneously and operation signals will indicate that all of the doors have been locked.

Vehicles with a double locking system: The double locking system will not operate at this time.

■ Situations in which the close & lock function may not operate properly

In the following situations, the close & lock function may not operate properly:

- If the switch on the lower part of the power back door (→P.143) is pressed by a hand which is holding an electronic key
- If the switch on the lower part of the power back door (→P.143) is pressed when the electronic key is in a bag, etc. that is placed on the ground
- If the switch on the lower part of the power back door (→P.143) is pressed when the electronic key is not near the vehicle.

■ Preventing unintentional operation of the kick sensor

When an electronic key is in the operation detection area, the kick sensor may operate unintentionally, so be careful in the following situations:

- When a large amount of water is applied to the lower center part of the rear bumper, such as when the vehicle is being washed or in heavy rain
- When dirt is wiped off the lower center part of the rear bumper
- When a small animal or small object, such as a ball, moves under the lower center part of the rear bumper
- When an object is moved from under the lower center part of the rear bumper
- If someone is swinging their legs while sitting on the rear bumper
- If the legs or another part of someone's body contacts the lower center part of the rear bumper while passing by the vehicle
- When the vehicle is parked near an electrical noise source which affects the sensitivity of the kick sensor, such as a pay parking spot, gas station, electrically heated road, or fluorescent light
- When the vehicle is near a TV tower, electric power plant, radio station, large display, airport or other facility that generates strong radio waves or electrical noise
- When the vehicle is parked in a place where objects such as plants are near the lower center part of the rear bumper
- If luggage, etc. is set near the lower center part of the rear bumper
- If accessories or a vehicle cover is installed/removed near the rear bumper
- When the vehicle is being towed

To prevent unintentional operation, turn the kick sensor operation setting off.

■ Situations in which the kick sensor may not operate properly

In the following situations, the kick sensor may not operate properly:

- When a foot remains under the lower center part of the rear bumper
- If the lower center part of the rear bumper is strongly hit with a foot or is touched for a while
  If the lower center part of the rear bumper has been touched for a while, wait for a short time before attempting to operate the kick sensor again.
- When standing excessively close to the lower center part of the rear bumper
- When an external radio wave source interferes with the communication between the electronic key and the vehicle (→P.154)
- When the vehicle is parked near an electrical noise source which affects the sensitivity of the kick sensor, such as a pay parking spot, gas station, electrically heated road, or fluorescent light
- When the vehicle is near a TV tower, electric power plant, radio station, large display, airport or other facility that generates strong radio waves or electrical noise
- When a large amount of water is applied to the lower center part of the rear bumper, such as when the vehicle is being washed or in heavy rain
- When mud, snow, ice, etc. is attached to the lower center part of 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 lower center part of the rear bumper

If an accessory has been installed, turn the kick sensor operation setting off.*

*: If a Toyota genuine accessory has been installed, depending on the accessory, the kick sensor may still be operable. For details, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer for details.

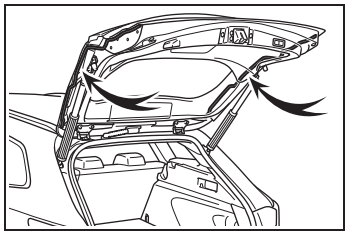
■ When reconnecting the 12-volt battery

To enable the power back door to operate properly, close the back door manually.

■ Jam protection function

Sensors are installed on the right and left sides of the power back door. When the door is automatically closing and the sensors are pushed due to an object being clamped, etc., the jam protection function operates.

From that position the door automatically moves a little in the opposite direction and then the function stops.



■ Customization

Some functions can be customized. (→P.513)

⚠ WARNING

■ 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.

WARNING

- If the power back door system is turned off with the main switch while the back door is operating automatically, the automatic operation will be 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.
- 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 is opened. 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 an automatic operation
- If a heavy object is attached to the back door, the power back door may not operate, causing a malfunction, or the power 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, ask any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer for details.

■ Jam protection function

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

- Never use any part of your body to intentionally activate the jam protection function.
- The jam protection function may not work if something gets caught just before the back door fully closes. Be careful not to catch fingers caught or anything else.
- The jam protection function may not work depending on the shape of the object that is caught. Be careful not to catch fingers or anything else.

■ Kick sensor

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.
- 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.

WARNING

- Do not operate the kick sensor if there is little space under the rear bumper.

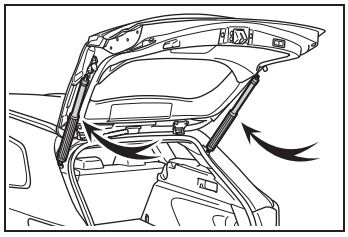
NOTICE

■ Back door spindles

The back door is equipped with spindles that hold the back door in place.

Observe the following precautions. Failure to do so may cause damage to the back door spindle, resulting in malfunction.

- Do not attach any foreign objects, such as stickers, plastic sheets, or adhesives to the spindle rod.



- Do not touch the spindle rod with gloves or other fabric items.
- Do not attach heavy accessories to the back door. When attaching an accessory, ask any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer for details.
- Do not place your hand on either spindle or apply lateral forces to it.

■ 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 a sensor is disconnected, the power back door will not close automatically.

■ Close & lock function

When closing the power back door using the close & lock function, a different buzzer than the one for a normal power back door closing operation will sound before the operation begins.

To check that the operation has started correctly, check that a different buzzer than the one for a normal power back door closing operation has sounded.

Additionally, when the power back door is fully closed and locked, operation signals will indicate that all of the doors have been locked.

Before leaving the vehicle, make sure that the operational signals have operated and that all of the doors are locked.

■ Kick sensor precautions

The kick sensor is located behind lower center part of the rear bumper. Observe the following to ensure that the power back door function operates properly:

NOTICE

● 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.

● 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 park the vehicle near objects that may move and contact the lower center part of the rear bumper, such as plants.

If the vehicle has been parked for a while near objects that may move and contact the lower center part of the rear bumper, such as plants, the kick sensor may not operate. In this situation, 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.

● 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 heavy object is attached to the power back door, disable the kick sensor.

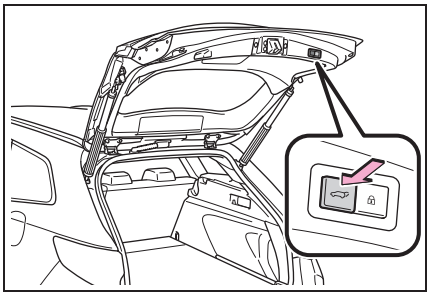
Adjusting the open position of the back door (vehicles with a power back door)

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

1 Stop the back door in the desired position. (→P.143)

2 Press and hold the power back door switch on the back door for 2 seconds.

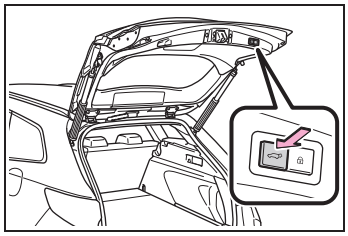
- When the position is set, a buzzer will sound 4 times.
- The next time the power back door is opened, it will stop at the set position.



■ Returning the open position of the back door to the default position

Press and hold the power back door switch on the back door for 7 seconds.

A buzzer will sound 4 times, pause, and then sound 2 more times. The next time the power back door is opened, it will stop at the default position.



■ When setting the open position of the back door by the multi-information display

The open position of the power back door can be adjusted using the multi-information display. (→P.513)

When opened, the power back door will open to the last position set using the switch on the back door or on the multi-information display.

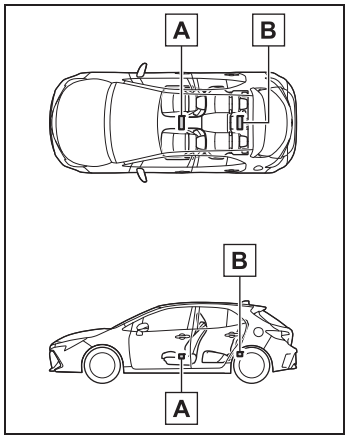
Smart entry & start system

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.

- Locks and unlocks the doors (vehicles with entry function) (→P.135)
- Locks and unlocks the back door (vehicles with entry function) (→P.141)
- Starts the hybrid system (→P.198)

■ Antenna location (hatchback)

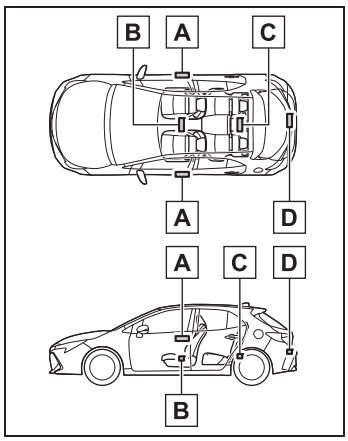
▶ Vehicles without entry function



A Antennas inside the cabin

B Antenna inside the luggage compartment (for United Kingdom)

▶ Vehicles with entry function



A Antennas outside the cabin

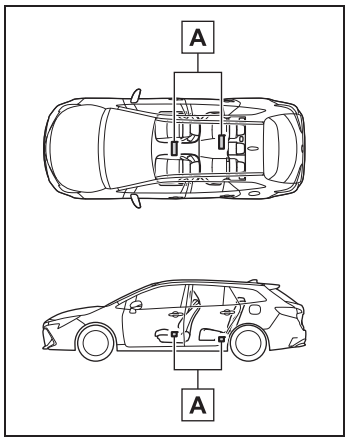
B Antennas inside the cabin

C Antenna inside the luggage compartment

D Antenna outside the luggage compartment

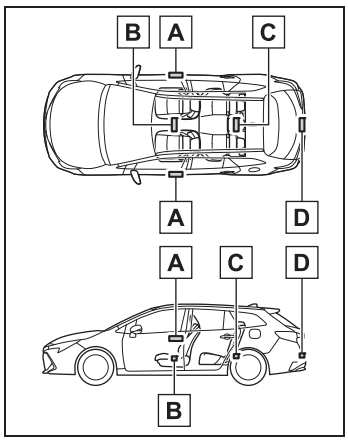
■ **Antenna location (wagon)**

▶ Vehicles without entry function



A Antennas inside the cabin

▶ Vehicles with entry function



A Antennas outside the cabin

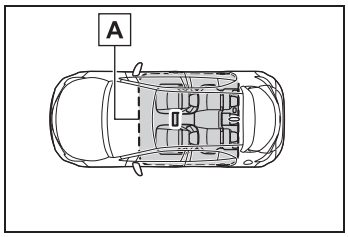
B Antennas inside the cabin

C Antenna inside the luggage compartment

D Antenna outside the luggage compartment

■ **Effective range (areas within which the electronic key is detected) (hatchback)**

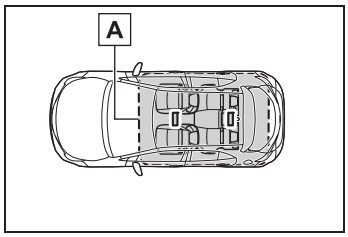
▶ Vehicles without entry function (except for United Kingdom)



A When starting the hybrid system or changing power switch modes

The system can be operated when the electronic key is inside the vehicle.

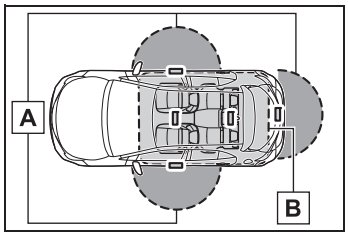
▶ Vehicles without entry function (for United Kingdom)



A When starting the hybrid system or changing power switch modes

The system can be operated when the electronic key is inside the vehicle.

▶ Vehicles with entry function



A When locking or unlocking the doors

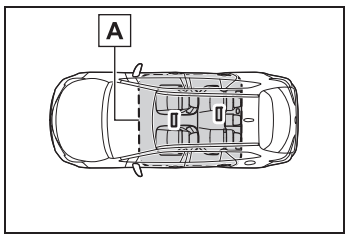
The system can be operated when the electronic key is within about 0.7 m (2.3 ft.) of an outside front door handle and back door. (Only the doors detecting the key can be operated.)

B When starting the hybrid system or changing power switch modes

The system can be operated when the electronic key is inside the vehicle.

■ Effective range (areas within which the electronic key is detected) (wagon)

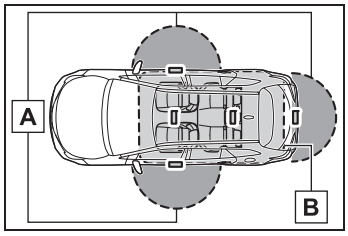
▶ Vehicles without entry function



A When starting the hybrid system or changing power switch modes

The system can be operated when the electronic key is inside the vehicle.

▶ Vehicles with entry function



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 an outside front door handle and back door. (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.

■ Alarms and warning messages

A combination of exterior and interior buzzers as well as warning messages shown on the multi-information display are used to prevent theft of the vehicle and accidents resulting from erroneous operation. Take appropriate measures

based on the displayed message. (→P.452)

When only an alarm sounds, circumstances and correction procedures are as follows.

● Exterior buzzer 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.

● Interior buzzer sounds 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 off and close the driver's door.
The power switch was turned to off while the driver's door was open.	Close the driver's door.

■ Battery-saving function (vehicles with entry function)

The battery-saving function will be activated in order to prevent the electronic key battery and the 12-volt battery from being discharged while the vehicle is not operated for a long time.

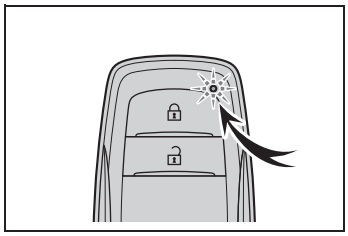
● In the following situations, the smart entry & start system may take some time to unlock the doors.
- The electronic key has been left within approximately 3.5 m (11 ft.) of the outside of the vehicle for 2 minutes or longer.
- The smart entry & start system has not been used for 5 days or longer.

● If the smart entry & start system has not been used for 14 days or longer, the doors cannot be unlocked from any door except the driver's door. In this case, hold the driver's door handle, or use the wireless remote control or mechanical key to unlock the doors.

■ Electronic key battery-saving function

● 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.



● Electronic keys that will not be used for long periods of time can be set to the battery-saving mode in advance.

■ Conditions affecting operation

The smart entry & start system 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.486)

● When the electronic key battery is depleted

● Near a TV tower, electric power plant, gas station, radio station, large display, airport or other facility that generates strong radio waves or electrical noise

● When carrying a portable radio, cellular phone, cordless phone or other wireless communication device

● When the electronic key is in contact with, or is covered by the following metallic objects
- Cards to which aluminum foil is attached
- Cigarette boxes that have aluminum foil inside
- Metallic wallets or bags
- Coins
- Hand warmers made of metal
- Media such as CDs and DVDs

● When other wireless keys (that emit radio waves) are being used nearby

● When carrying the electronic key together with the following devices that emit radio waves
- Another vehicle's electronic key or a wireless key that emits radio waves
- Personal computers or personal digital assistants (PDAs)
- Digital audio players
- Portable game systems

● If window tint with a metallic content or metallic objects are attached to the rear window

● When the electronic key is placed near a battery charger or electronic devices

● When the vehicle is parked in a pay parking spot where radio waves are emitted

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

● 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.487)

If the hybrid system cannot be started using the smart entry & start system, refer to P.487.

■ **Note for the entry function (if equipped)**

● 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.

● Do not leave the electronic key on top of the instrument panel or near the door pockets when exiting the vehicle. Depending on the radio wave reception conditions, it may be detected by the antenna outside the cabin and the door will become lockable from the outside, possibly trapping the electronic key inside the vehicle.

● As long as the electronic key is within the effective range, the doors may be locked or unlocked by anyone. However, only the doors detecting the electronic key can be used to unlock the vehicle.

● Even if the electronic key is not inside the vehicle, it may be possible to start the hybrid system if the electronic key is near the window.

● The doors may unlock or lock 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.)

● If the doors have been locked from

outside of the vehicle and are then not unlocked using the wireless remote control or smart entry & start system, the hybrid system cannot be started using the smart entry & start system.(However, if the doors have been locked from inside the vehicle, the hybrid system can be started using the smart entry & start system.)If it is necessary to start the hybrid system, it can be started using the procedure in “If the electronic key does not operate properly” (→P.486).

- Touching the door lock or unlock sensor while wearing gloves may prevent lock or unlock operation.
- Some models: 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.154)
- 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 handle operation or a handle operation immediately after entering the effective range may prevent the doors from being unlocked. Touch the door unlock sensor and check that the doors are unlocked 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.513)
- Setting the electronic key to battery-saving mode helps to reduce key battery depletion. (→P.154)

■ 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 function may not operate.)

■ If the smart entry & start system does not operate properly

- Locking and unlocking the doors (vehicles with entry function): →P.487
- Starting the hybrid system: →P.487

■ Customization

Some functions can be customized. (→P.513)

■ If the smart entry & start system has been deactivated in a customized setting

- Locking and unlocking the doors (vehicles with entry function): Use the wireless remote control or mechanical key. (→P.135, 487)
- Starting the hybrid system and chang-

ing power switch modes: →P.487

● Stopping the hybrid system: →P.200

⚠ WARNING

■ Caution regarding interference with electronic devices

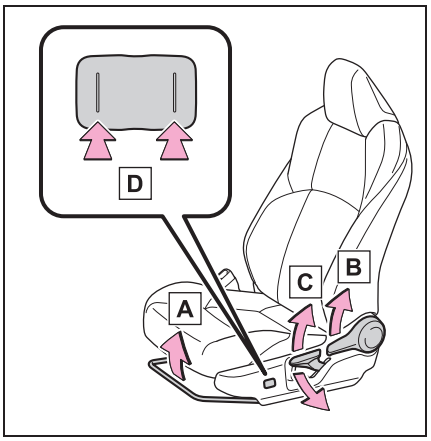
● People with implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should maintain a reasonable distance between themselves and the smart entry & start system antennas. (→P.151)
The radio waves may affect the operation of such devices. If necessary, the entry function can be disabled. Ask any authorized 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

Adjustment procedure



A Seat position adjustment lever

B Seatback angle adjustment lever

C Vertical height adjustment lever*

D Lumbar support adjustment switch* (driver's side only)

*: If equipped

WARNING

■ When adjusting the seat position

- Take care when adjusting the seat position to ensure that other passengers are not injured by the moving seat.
- Do not put your hands under the seat or near the moving parts to avoid injury.
  Fingers or hands may become jammed in the seat mechanism.
- Make sure to leave enough space around the feet so they do not get stuck.

■ Seat adjustment

- Be careful that the seat does not hit passengers or luggage.
- 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.
- After adjusting the seat, make sure that the seat is locked in position.

NOTICE

■ When adjusting a front seat

When adjusting a front seat, make sure that the head restraint does not contact the headliner. Otherwise, the head restraint and headliner may be damaged.

Rear seats*

*: If equipped

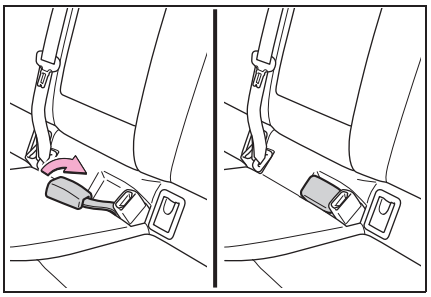
The seatbacks of the rear seats can be folded down.

Folding down the rear seatbacks

1 Move the front seats forward. (→P.158)

2 Stow the rear armrest. (if equipped) (→P.371)

3 Stow the rear center seat belt buckle.

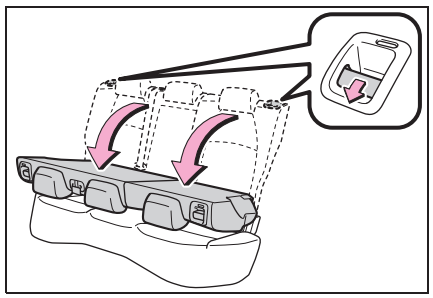


4 Lower the head restraints to the lowest position. (→P.161)

▶ Rear seat lever

5 Pull the seatback lock release lever and fold the seatback down.

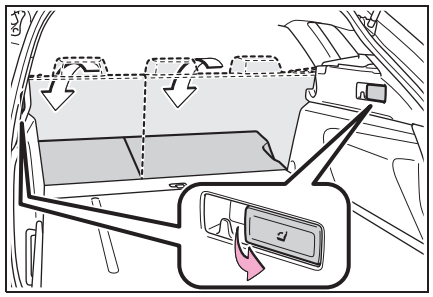
Each seatback may be folded separately.



▶ Luggage room lever (if equipped)

5 Pull the lever on the sidewall of the luggage compartment.

Each seatback may be folded separately.



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 lever to P.
- Do not allow anyone to sit on a folded seatback or in the luggage compartment while driving.

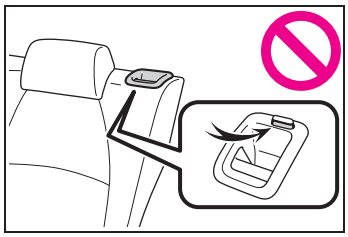
WARNING

- Do not allow children to enter the luggage compartment.
- Be careful not to get your hand caught when folding the rear seatbacks.
- Adjust the position of the front seats before folding down the rear seatbacks so that the front seats do not interfere with the rear seatbacks when folding down the rear seatbacks.
- Make sure that the rear seat is free of passengers before operating the luggage room lever (if equipped).

■ After returning the rear seatback to the upright position

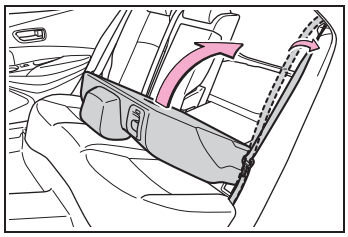
- Make sure that the seatback is securely locked in position by lightly pushing it back and forth.

If the seatback is not securely locked, the red mark will be visible on the rear of the seatback lock release lever. Make sure that the red mark is not visible.



- Check that the seat belts are not twisted or caught in the seatback.

If the seat belt gets caught between the seatback's securing hook and latch, it may damage the seat belt.



NOTICE

■ When using the luggage room lever (if equipped)

Before folding a rear seat seatback, make sure that the seat is free of obstructions. If the seatback is folded while an object is on the rear seat, the rear seat may be damaged.

■ When the partition net unit is installed to the folded down rear seatbacks (vehicles with a partition net)

When returning the seatbacks, remove the partition net unit then return the rear seatbacks to their original position. (→P.359)

Head restraints

Head restraints are provided for the front seats, rear outboard seats (if equipped) and rear center seat (if equipped).

WARNING

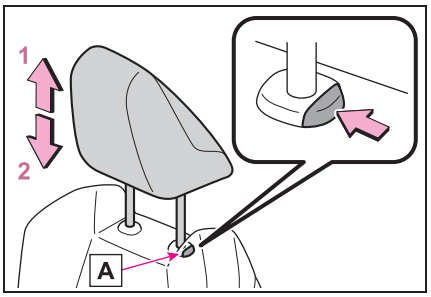
■ Head restraint precautions

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.

Adjusting a head restraint

■ Front seats



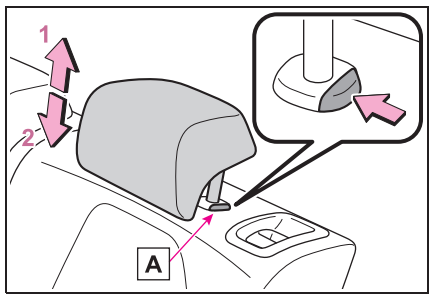
1 Up

Pull the head restraints up.

2 Down

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

■ Rear seats (If equipped)



1 Up

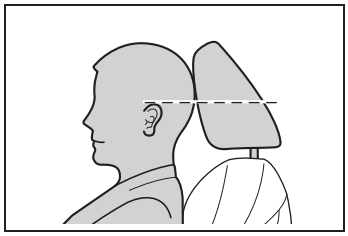
Pull the head restraints up.

2 Down

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

■ Adjusting the height of the head restraints (front seats)

Make sure that the head restraints are adjusted so that the center of the head restraint is closest to the top of your ears.

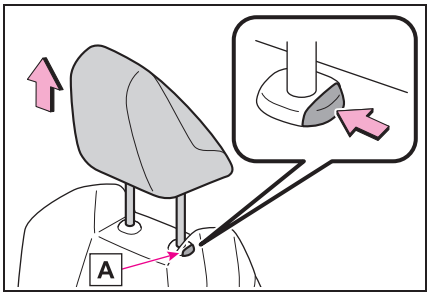


■ Adjusting the rear seat head restraints (vehicles with rear seats)

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

Removing the head restraints

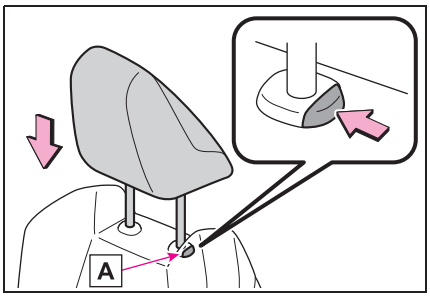
Pull the head restraint up while pressing the lock release button A.



Installing the head restraints

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

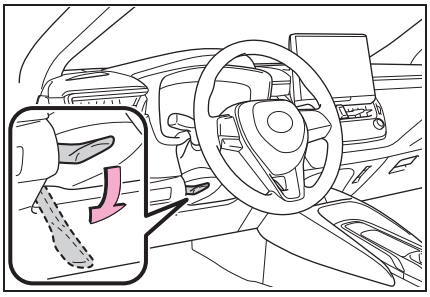
Press and hold the lock release button A when lowering the head restraint.



Steering wheel

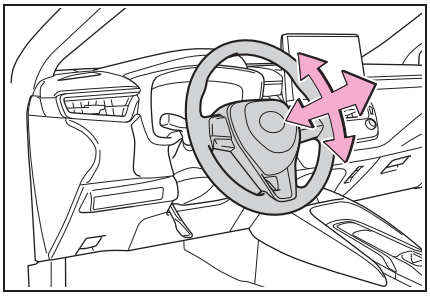
Adjustment procedure

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

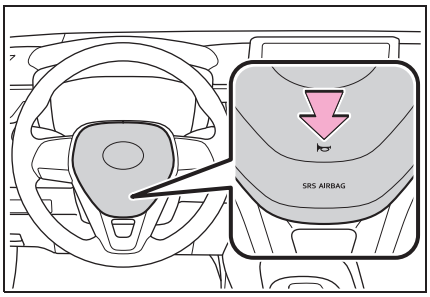
Do not adjust the steering wheel while driving.
Doing so may cause the driver to mishandle the vehicle and cause an accident, resulting in death or serious injury.

■ 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.

Horn

To sound the horn, press on or close to the mark.



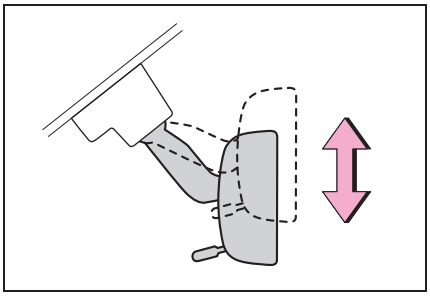
Inside rear view mirror

The rear view mirror's position can be adjusted to enable sufficient confirmation of the rear view.

Adjusting the height of rear view mirror

The height of the rear view mirror can be adjusted to suit your driving posture.

Adjust the height of the rear view mirror by moving it up and down.



WARNING

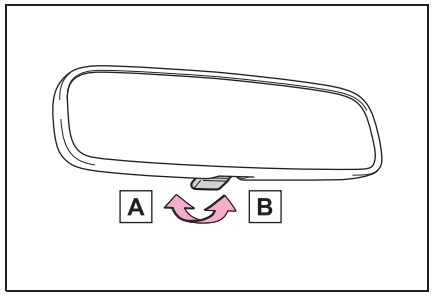
■ Caution while driving

Do not adjust the position of the mirror while driving.
Doing so may lead to mishandling of the vehicle and cause an accident, resulting in death or serious injury.

Anti-glare function

▶ Manual anti-glare inside rear view mirror

Reflected light from the headlights of vehicles behind can be reduced by operating the lever.



A Normal position

B Anti-glare position

▶ Auto anti-glare inside rear view mirror

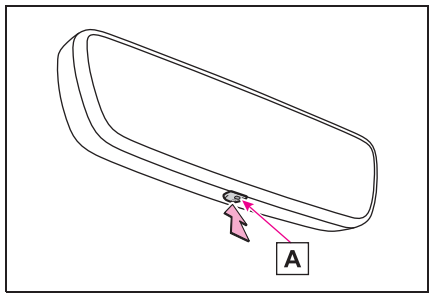
Responding to the level of brightness of the headlights of vehicles behind, the reflected light is automatically reduced.

Changing automatic anti-glare function mode

On/off

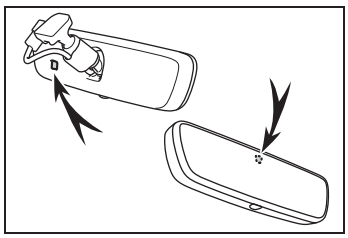
When the automatic anti-glare function is in ON mode, the indicator A illuminates. The function will set to ON mode each time the power switch is turned to ON.

Pressing the button turns the function to off mode. (The indicator A also turns off.)



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

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



Outside rear view mirrors

The rear view mirror's position can be adjusted to enable sufficient confirmation of the rear view.

When using the outside rear view mirrors in a cold weather

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

WARNING

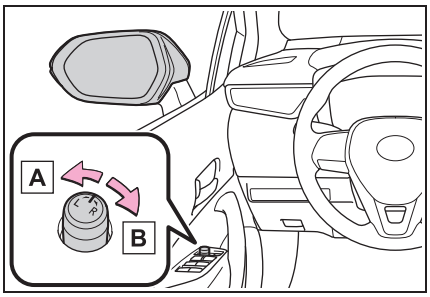
Important points while driving

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

- Do not adjust the mirrors while driving.
- Do not drive with the mirrors folded.
- Both the driver and passenger side mirrors must be extended and properly adjusted before driving.

Adjustment procedure

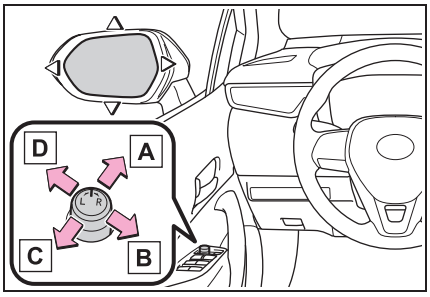
1 To select a mirror to adjust, turn the switch.



A Left

B Right

2 To adjust the mirror, operate the switch.



A Up

B Right

C Down

D Left

■ Mirror angle can be adjusted when

The power switch is in ACC or ON.

■ When the mirrors are fogged up

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.341)

⚠ WARNING

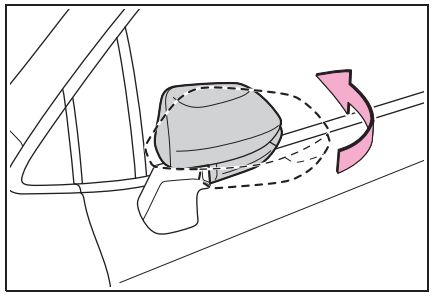
■ When the mirror defoggers are operating

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

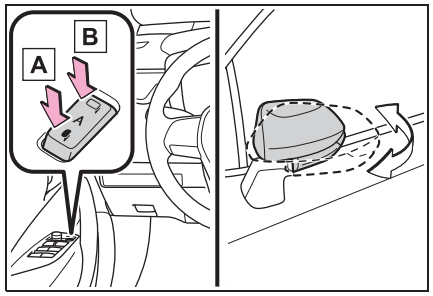
Folding and extending the mirrors

▶ Manual type

Push the mirror back in the direction of the vehicle's rear.



▶ Power type



A Folds the mirrors

B 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.

Using automatic mode in cold weather (vehicles with automatic mode)

When automatic mode is used in cold weather, the door mirror could freeze up and automatic stowing and return may not be possible. In this case, remove any ice and snow from the door mirror, then either operate the mirror using manual mode or move the mirror by hand.

Customization

Some functions can be customized. (→P.513)

WARNING

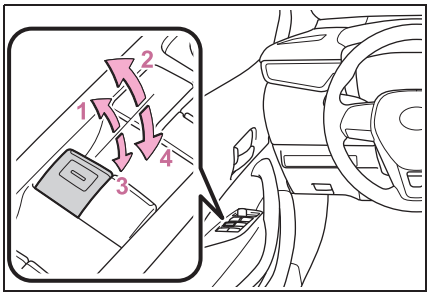
When a mirror is moving

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 windows as follows:



1 Closing
2 One-touch closing*
3 Opening
4 One-touch opening*

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

■ The power windows can be operated when

The power switch is in ON.

■ Operating the power windows after turning the hybrid system off

The power windows can be operated for approximately 45 seconds after the power switch is turned to ACC or OFF. They cannot, however, be operated once either front door is opened.

■ Jam protection function

If an object becomes jammed between the window and the window frame while the window is closing, window movement is stopped and the window is opened slightly.

■ Catch protection function

If an object becomes caught between the door and window while the window is opening, window movement is stopped.

■ When the window cannot be opened or closed

When the jam protection function or catch protection function operates unusually and the door window cannot be opened or closed, perform the following operations with the power window switch of that door.

- Stop the vehicle. With the power switch in ON, within 4 seconds of the jam protection function or catch protection function activating, continuously operate the power window switch in the one-touch closing direction or one-touch opening direction so that the door window can be opened and closed.
- If the door 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 door 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 door 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 door window is completely closed, continue holding the switch for a further 1 second or more.

If you release the switch while the window is moving, start again from the beginning.
If the window reverses and cannot be fully closed or opened, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

Door lock linked window operation

- The power windows can be opened and closed using the mechanical key.* (→P.487)
- The power windows can be opened and closed using the wireless remote control.* (→P.135)

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

Customization

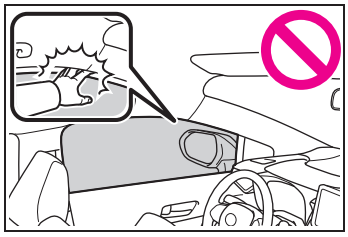
Some functions can be customized. (→P.513)

WARNING

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

Closing the windows

- The driver is responsible for all the power window operations, including the operation for the passengers. In order to prevent accidental operation, especially by a child, do not let a child operate the power windows. It is possible for children and other passengers to have body parts caught in the power window. Also, when riding with a child, it is recommended to use the window lock switch. (→P.170)
- Check to make sure that all passengers do not have any part of their body in a position where it could be caught when a window is being operated.



- When using the wireless remote control or mechanical key and operating the power windows, operate the power window after checking to make sure that there is no possibility of any passenger having any of their body parts caught in the window. Also do not let a child operate window by the wireless remote control or mechanical key. It is possible for children and other passengers to get caught in the power window.
- When exiting the vehicle, turn the power switch off, carry the key and exit the vehicle along with the child. There may be accidental operation, due to mischief, etc., that may possibly lead to an accident.

Jam protection function

- Never use any part of your body to intentionally activate the jam protection function.
- The jam protection function may not work if something gets jammed just before the window is fully closed. Be careful not to get any part of your body jammed in the window.

Catch protection function

- Never use any part of your body or clothing to intentionally activate the catch protection function.

WARNING

- The catch protection function may not work if something gets caught just before the window is fully opened. Be careful not to get any part of your body or clothing caught in the window.

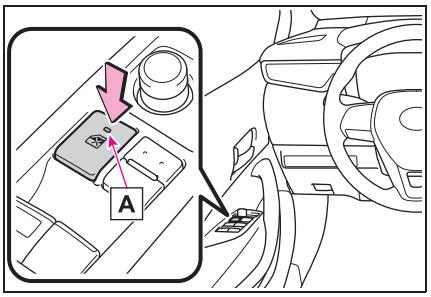
Preventing accidental operation (window lock switch)

This function 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 power windows can be operated when

The power switch is in ON.

When the 12-volt battery is disconnected

The window lock switch is disabled. If necessary, press the window lock switch after reconnecting the 12-volt battery.

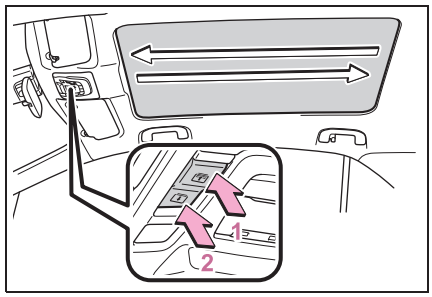
Panoramic moon roof*

*: If equipped

Use the overhead switches to operate the panoramic moon roof and electronic sunshade.

Operating the panoramic moon roof

Opening and closing the electronic sunshade

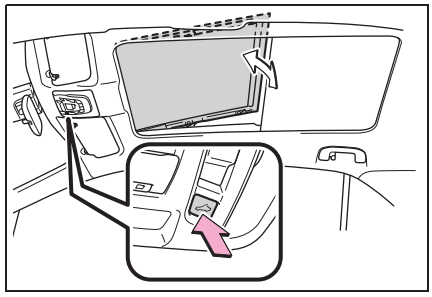


1 Opens the electronic sunshade*

2 Closes the electronic sunshade*

*: Lightly press either side of the sunshade switch to stop the electronic sunshade partway.

Tilting the panoramic moon roof up and down



Tilt up (press)*

If the panoramic moon roof is open, pressing the switch closes it up to the tilt-up position.

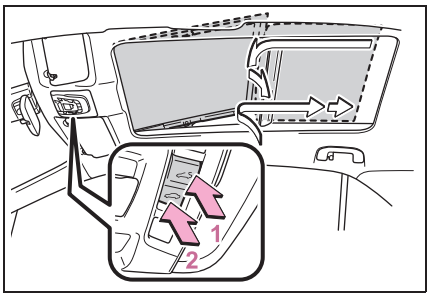
If the shade is closed past the half-open position when the switch is pressed, it will open up to the half-open position.

*: To stop operation partway, quickly slide and release the switch again.

Tilt down (press and hold)

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*

The panoramic moon roof stops slightly before the fully open position to reduce wind noise. Press the switch again to fully open the panoramic moon roof.

2 Closes the panoramic moon roof*

*: Lightly press either side of the moon roof switch 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. It 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 the shade when the panoramic moon roof is open

1 Press the shade switch forward.

The shade closes up to its half-closed position and then the panoramic moon roof closes up to the tilt-up position.

2 Press and hold the shade switch again.

The panoramic moon roof closes as long as the switch is being held. After the panoramic moon roof is fully closed, the shade will fully close automatically.

■ When the panoramic moon roof does not close normally

Perform the following procedure:

- If the panoramic moon roof closes but then re-opens slightly

1 Stop the vehicle.

2 Press the panoramic moon roof switch forward and hold it.*

The panoramic moon roof will close then reopen and pause for approximately 10 seconds. Then it will close up to the tilt-up position.

3 Release the switch and then press it forward and hold it again.

The panoramic moon roof will close as long as the switch is being held.

4 Check to make sure that the panoramic moon roof is completely closed and then release the switch.

● If the panoramic moon roof tilts down but then tilts back up

1 Stop the vehicle.

2 Press the panoramic moon roof switch forward and hold it.*

The panoramic moon roof will tilt down then tilt up and pause for approximately 10 seconds. Then it will close.

3 Check to make sure that the panoramic 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 panoramic 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.

■ When the shade does not close normally

Perform the following procedure:

1 Stop the vehicle.

2 Close the panoramic moon roof.

3 Press the shade switch forward and hold it.*

The shade will close then reopen and pause for approximately 10 seconds. Then it will close.

4 Check to make sure that the shade 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 shade continues to close but then reopens slightly even after performing the above procedure correctly, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ Customization

Some functions can be customized. (→P.513)

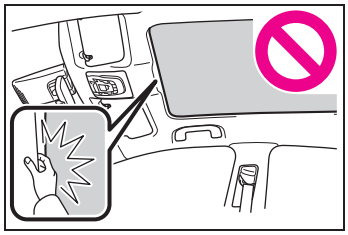
⚠ WARNING

Observe the following precautions. Failing to do so may cause 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

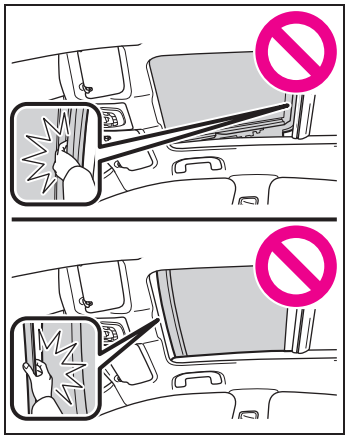
● Do not allow any passengers to put their hands or heads outside the vehicle while it is moving.

● 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 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. Also, the jam protection function is not designed to operate while the switch is being pressed. Take care so that your fingers, etc. do not get caught.

■ 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.

NOTICE

■ 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.

My Settings

Drivers are identified using devices such as electronic keys to store the 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.

Vehicles with multimedia system: For information on authentication devices registration/deletion, changing the driver's name, initializing driver registered settings, manually switching drivers and deleting drivers registration refer to the "Multimedia owner's manual".

Types of assigned authentication devices

An individual can be identified using the following authentication devices.

- Electronic key

An individual is identified when the smart entry & start system detects their electronic key. (→P.151)

- Bluetooth® device

An individual is identified when a Bluetooth® device is connected to the audio system. For information on how to connect Bluetooth® devices, refer to the "Multimedia owner's manual". When an individual is identified with an electronic key identifying using a Bluetooth® device is not 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.

- Meter displays and audio system*1 information*2

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

- Vehicle settings that can be set using the audio system*1, 2

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

*1: If equipped

*2: Some settings are excluded

Electronic key assignment registration/deletion (vehicles without multimedia system)

Electronic key assignment is registered/deleted on the multi-information display.

■ **Registering an electronic key assignment (registering from the “New Key Detected” screen)**

1 Ensure that the electronic key to assign and register is the only electronic key inside the vehicle, and then turn the power switch on.

2 The “New Key Detected” screen is displayed on the multi-information display. Select “Yes” and then press OK.

If the electronic key has already been assigned and registered, the “New Key Detected” screen will not be displayed.

Selecting “Do Not Show Again” will prevent the “New Key Detected” screen from being displayed again. Electronic key assignment can be registered from ⚙ screen of the multi-information display.

3 Select the driver or “(blank)” to register, and then press OK.

4 If “(blank)” was selected in step 3, enter the driver’s name and then press OK.

Enter this information using the meter control switches.

- ∧ or ∨ : Select letter
- ＜ or ＞ : Select position
- OK : Save

When registration is complete, a message “Key Sync Added” is displayed on the multi-information display.

■ **Registering an electronic key assignment (registering from ⚙ screen of the multi-information display)**

An electronic key is assigned and registered for the current driver.

1 Select ⚙ of the multi-information display, and then press OK.

2 Select “Vehicle Settings” and then press OK.

3 Select “My Settings” and then press OK.

4 Select “Setting” and then press OK.

5 Select “Key Sync” and then press OK.

6 Select “Key Addition” and then press OK.

7 Ensure that the electronic key to assign and register is the only electronic key inside the vehicle, and then select “Start Key Detection” and press OK.

When registration is complete, a message “Key Sync Added” is displayed on the multi-information display.

■ Deleting an electronic key assignment

All electronic keys assigned and registered for the current driver are deleted.

1 Select ⚙ of the multi-information display, and then press OK .

2 Select “Vehicle Settings” and then press OK .

3 Select “My Settings” and then press OK .

4 Select “Setting” and then press OK .

5 Select “Key Sync Change” and then press OK .

6 Select “Key Deletion” and then press OK .

7 Select “Yes” and then press OK .

When deletion is complete, a message “Key Sync Deleted” is displayed on the multi-information display.

■ Electronic key assignment registration

- A single electronic key can be assigned and registered for only a single driver.
- It will not be possible to detect an electronic key normally if there is no electronic key inside the vehicle, or if there are multiple electronic keys inside the vehicle. When registering, ensure that there is only a single electronic key inside the vehicle.
- When deleting an assignment, all registered electronic keys will be deleted. Assignments cannot be individually deleted.

Changing the driver’s name (vehicles without multimedia system)

The driver name displayed on the multi-information display can be changed.

1 Select ⚙ of the multi-information display, and then press OK .

2 Select “Vehicle Settings” and then press OK .

3 Select “My Settings” and then press OK .

4 Select “Setting” and then press OK .

5 Select “Driver Name Change” and then press OK .

6 Enter the driver’s name and then press OK .

Enter this information using the meter control switches.

- ∧ or ∨ : Select letter
- < or > : Select position
- OK : Save

The registered name that was entered is displayed on the multi-information display.

Initializing driver registered settings (vehicles without multimedia system)

All registered settings (vehicle settings, etc.) for the driver are deleted and returned to their default settings.

1 Select ⚙ of the multi-information display, and then press OK.

2 Select “Vehicle Settings” and then press OK.

3 Select “My Settings” and then press OK.

4 Select “Setting” and then press OK.

5 Select “Driver Initialization” and then press OK.

6 Select “Yes” and then press OK.

When initialization is complete, a message “Driver Initialized” is displayed on the multi-information display.

Manually switching drivers (vehicles without multimedia system)

When drivers are switched or an electronic key assigned to someone else was brought into the vehicle, drivers can be manually switched.

1 Select ⚙ of the multi-information display, and then press OK.

2 Select “Vehicle Settings” and then press OK.

3 Select “My Settings” and then press OK.

4 Select “Setting” and then press OK.

5 Select “Driver Change” and then press OK.

6 Select a new driver, and then press OK.

“Guest” mode

- Vehicles are delivered without any authentication devices registered. The system will operate in “Guest” mode until registration is performed.
- If an individual is not identified using an authentication device, the system will operate in “Guest” mode.
- An electronic key cannot be assigned and registered for the “Guest” user.

Customization

The meter control switches can be used to turn My Settings on and off. (→P.513)

If My Settings is turned off, the system will operate in “Guest” mode.

4-1. Before driving

Driving the vehicle 183

Cargo and luggage 189

Trailer towing 191

4-2. Driving procedures

Power (ignition) switch..... 198

EV drive mode 202

Hybrid transmission (vehicles without paddle shift switches) 204

Hybrid transmission (vehicles with paddle shift switches) 207

Turn signal lever 211

Parking brake 211

Brake Hold..... 214

4-3. Operating the lights and wipers

Headlight switch 217

AHB (Automatic High Beam) 221

AHS (Adaptive High-beam System) 224

Fog light switch..... 228

Windshield wipers and washer 229

Rear window wiper and washer 232

4-4. Refueling

Opening the fuel tank cap 234

4-5. Using the driving support systems

Toyota Safety Sense software update..... 236

Toyota Safety Sense..... 238

PCS (Pre-Collision System) 244

LTA (Lane Tracing Assist) 254

LDA (Lane Departure Alert) 259

PDA (Proactive driving assist) 264

RSA (Road Sign Assist).... 269

Dynamic radar cruise control 273

Cruise control..... 282

Emergency Driving Stop System..... 285

Speed limiter..... 287

BSM (Blind Spot Monitor) 290

Toyota parking assist-sensor 295

RCTA (Rear Crossing Traffic Alert) function 302

PKSB (Parking Support Brake) 308

Parking Support Brake function (static objects) 314

Parking Support Brake function (rear-crossing vehicles) .. 317

Safe Exit Assist..... 319

Driving mode select switch 323
GPF (Gasoline Particulate Filter) system 325
Driving assist systems 326

4-6. Driving tips

Hybrid vehicle driving tips 331
Winter driving tips 333

Driving the vehicle

The following procedures should be observed to ensure safe driving:

Driving procedure

■ **Starting the hybrid system**

→P.198

■ **Driving**

1 With the brake pedal depressed, shift the shift lever to D. (→P.204)

2 Release the parking brake. (→P.211)

3 If the parking brake is in automatic mode, the parking brake will be released automatically. (→P.211)

4 Gradually release the brake pedal and gently depress the accelerator pedal to accelerate the vehicle.

■ **Stopping**

1 With the shift lever in D, depress the brake pedal.

2 If necessary, set the parking brake.(→P.211)

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

■ **Parking the vehicle**

1 With the shift lever in D, depress the brake pedal to stop the vehicle completely.

2 Set the parking brake (→P.211)

Make sure the parking brake indicator light is on.

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

Do not press the shift release button after shifting the shift lever 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 electronic key on your person.

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

■ **Starting off on a steep uphill**

1 Make sure that the parking brake is set and shift the shift lever to D.

2 Gently depress the accelerator pedal.

3 Release the parking brake.

■ **For fuel-efficient driving**

Keep in mind that hybrid vehicles are similar to conventional vehicles, and it is necessary to refrain from activities such as sudden acceleration. (→P.331)

■ **Driving in the rain**

- Drive carefully when it is raining, because visibility will be reduced, the windows may become fogged-up, and the road will be slippery.
- Drive carefully when it starts to rain, because the road surface will be especially slippery.
- Refrain from high speeds when driving on an expressway in the rain, because there may be a layer of water between the tires and the road surface, preventing the steering and

brakes from operating properly.

Restraining the hybrid system output (Brake Override System)

- When the accelerator and brake pedals are depressed at the same time, the hybrid system output may be restrained.
- A warning message is displayed on the multi-information display while the system is operating.

ECO Accelerator Guidance (→P.111, 119)

Eco-friendly driving may be achieved more easily by staying within the zone of Eco acceleration. Also, by staying within the zone of Eco acceleration, it will be easier to obtain a good Eco score.

- When starting off:

Gradually depress the accelerator pedal to stay within the zone of Eco acceleration and accelerate to the desired speed. By refraining from excessive acceleration, a good eco start score will be obtained.

- When driving:

After accelerating to the desired speed, release the accelerator pedal and drive at a stable speed while staying within the zone of Eco acceleration. By staying within the zone of Eco acceleration, a good eco cruise score will be obtained.

- When stopping:

By starting to release the accelerator pedal early before decelerating, a good eco stop score will be obtained.

Breaking in your new Toyota

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

- For the first 300 km (186 miles):

Avoid sudden stops.

- For the first 800 km (500 miles):

Do not tow a trailer.

- For the first 1000 km (621 miles):
  - Do not drive at extremely high speeds.
  - Avoid sudden acceleration.
  - Do not drive at a constant speed for extended periods.

Operating your vehicle in a foreign country

Comply with the relevant vehicle registration laws and confirm the availability of the correct fuel. (→P.505)

WARNING

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

When starting the vehicle

Always keep your foot on the brake pedal while stopped with the “READY” indicator is illuminated. This prevents the vehicle from creeping.

When driving the vehicle

- Do not drive if you are unfamiliar with the location of the brake and accelerator pedals to avoid depressing the wrong pedal.
  - Accidentally depressing the accelerator pedal instead of the brake pedal will result in sudden acceleration that may lead to an accident.
  - When backing up, you may twist your body around, leading to a difficulty in operating the pedals. Make sure to operate the pedals properly.
  - Make sure to keep a correct driving posture even when moving the vehicle only slightly. This allows you to depress the brake and accelerator pedals properly.
  - Depress the brake pedal using your right foot. Depressing the brake pedal using your left foot may delay response in an emergency, resulting in an accident.

WARNING

- 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 with the vehicle proximity notification system activate, 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.
  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 to the steering will be lost. This will make it more difficult to steer smoothly, so you should pull over and stop the vehicle as soon as it is safe to do so.
  In the event of an emergency, such as if it becomes impossible to stop the vehicle in the normal way: →P.434
- Vehicles without paddle shift switches: Use engine braking (shift position B) 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.204)
- Vehicles with paddle shift switches: Use engine braking (downshift) to maintain a safe speed when driving down a steep hill.
  Using the brakes continuously may cause the brakes to overheat and lose effectiveness. (→P.207)
- Do not adjust the positions of the steering wheel, the seat, or the inside or outside rear view mirrors while driving.
  Doing so may result in a loss of vehicle control.
- Always check that all passengers' arms, heads or other parts of their body are not outside the vehicle.

■ 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

- 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.

WARNING

- 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 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.

■ If you hear a squealing or scraping noise (brake pad wear indicators)

Have the front and rear brake pads checked at the same time 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 shift lever is any position other than P or N, the vehicle may accelerate suddenly and unexpectedly, causing an accident.
- In order to prevent accidents due to the vehicle rolling away, always keep depressing the brake pedal while stopped with the “READY” indicator is illuminated, and apply the parking brake as necessary.
- If the vehicle is stopped on an incline, in order to prevent accidents caused by the vehicle rolling forward or backward, always depress the brake pedal and securely apply the parking brake as needed.
- Avoid revving or racing the engine. Running the engine at high speed while the vehicle is stopped may cause the exhaust system to overheat, which could result in a fire if combustible material is nearby.

■ When the vehicle is parked

- Do not leave glasses, cigarette lighters, spray cans, or soft drink cans in the vehicle when it is in the sun.
  Doing so may result in the following:
  - Gas may leak from a cigarette lighter or spray can, and may lead to a fire.
  - The temperature inside the vehicle may cause the plastic lenses and plastic material of glasses to deform or crack.
  - Soft drink cans may fracture, causing the contents to spray over the interior of the vehicle, and may also cause a short circuit in the vehicle’s electrical components.
- 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 lever 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 lever in P but the parking brake is not set, the vehicle may start to move, possibly leading to an accident.
- Do not touch the exhaust pipes while the “READY” indicator is illuminated or immediately after turning the hybrid system off.
  Doing so may cause burns.

■ When taking a nap in the vehicle

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

■ When braking

- When the brakes are wet, drive more cautiously.
  Braking distance increases when the brakes are wet, and this may cause one side of the vehicle to brake differently than the other side. Also, the parking brake may not securely hold the vehicle.
- If the electronically controlled brake system does not operate, do not follow other vehicles closely and avoid hills or sharp turns that require braking.
  In this case, braking is still possible, but the brake pedal should be depressed more firmly than usual. Also, the braking distance will increase. Have your brakes fixed immediately.
- The brake system consists of 2 or more individual hydraulic systems; if one of the systems fails, the other(s) will still operate. In this case, the brake pedal should be depressed more firmly than usual and the braking distance will increase. Have your brakes fixed immediately.

■ If the vehicle becomes stuck

Do not spin the wheels excessively when a driven wheel 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.

■ When parking the vehicle

Always set the parking brake and shift the shift lever 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.

■ 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.
- 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.457, 469)

■ When encountering flooded roads

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

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

In the event that you drive on a flooded road and the vehicle becomes flooded or stuck in mud or sand, 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 transmission, etc.
- Lubricant condition for the bearings and suspension joints (where possible), and the function of all joints, bearings, etc.

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.327), 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.327) so that the vehicle may become able to escape from the mud or fresh snow.

Cargo and luggage

Take notice of the following information about storage precautions, cargo capacity and load:

⚠ WARNING

■ **Things that must not be carried in the luggage compartment**

The following things may cause a fire if loaded in the luggage compartment:

- Receptacles containing gasoline
- Aerosol cans

■ **Storage precautions**

Observe the following precautions. Failure to do so may prevent the pedals from being depressed properly, may block the driver's vision, or may result in items hitting the driver or passengers, possibly causing an accident.

- Stow cargo and luggage in the luggage compartment whenever possible.
- Do not stack cargo and luggage in the luggage compartment higher than the seatbacks.
- When you fold down the rear seats, long items should not be placed directly behind the front seats.
- 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

WARNING

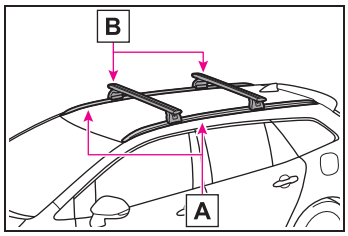
- Secure all items in the occupant compartment.
- Never allow anyone to ride in the luggage compartment. It is not designed for passengers. They should ride in their seats with their seat belts properly fastened.

■ 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.

■ Roof luggage carrier precautions (if equipped)

To use the roof rails as a roof luggage carrier, you must fit the roof rails with two genuine Toyota cross bars or their equivalent.
When you load cargo on the roof luggage carrier, observe the following:



A Roof rails

B Cross bars

- Do not place any cargo directly onto the roof rails. This may lead to the cargo becoming dislodged, resulting in an accident.
- 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.502)
- 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 occasionally during the trip to make sure the cargo remains in its place.
- Do not exceed 75 kg (165 lb.) cargo weight on the roof luggage carrier.

■ When installing cross bars (vehicles with roof rails)

Make sure the cross bars are installed securely by pushing them forward and rearward.
Failure to do so may cause an unexpected accident.

Trailer towing

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.

Weight limits

Check the allowable towing capacity, GVM (Gross Vehicle Mass), MPAC (Maximum Permissible Axle Capacity), and permissible drawbar load before towing. (→P.502)

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.

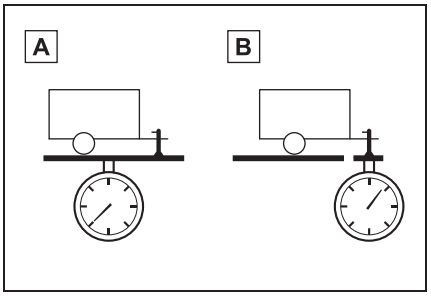
For vehicles where the towing device ball or the bicycle holder attachment ball, when installed, partially obstructs the visibility of any of the rear lamps and/or license plate, the following shall be considered:

- 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.

Important points regarding trailer loads

■ Total trailer weight and permissible drawbar load



A Total trailer weight

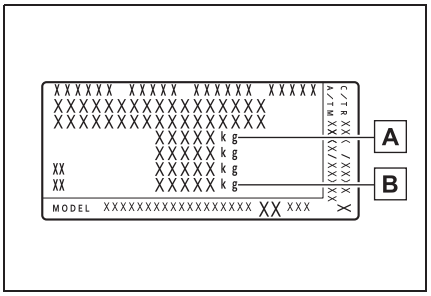
Weight of the trailer itself plus the trailer load should be within the maximum towing capacity. Exceeding this weight is dangerous. (→P.502)

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.502)

■ 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. 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 engine output and towing capacity will be reduced at high altitudes.

WARNING

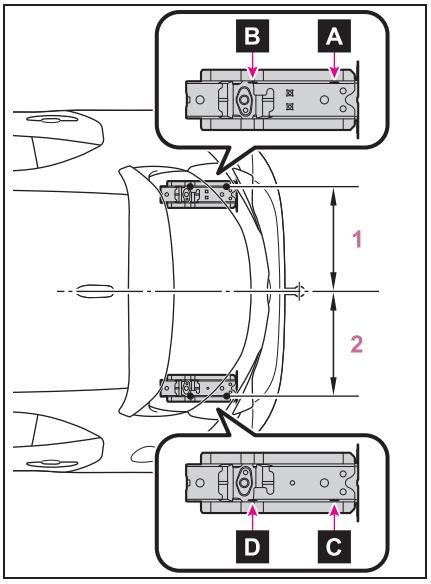
■ When the maximum permissible axle capacity is exceeded

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

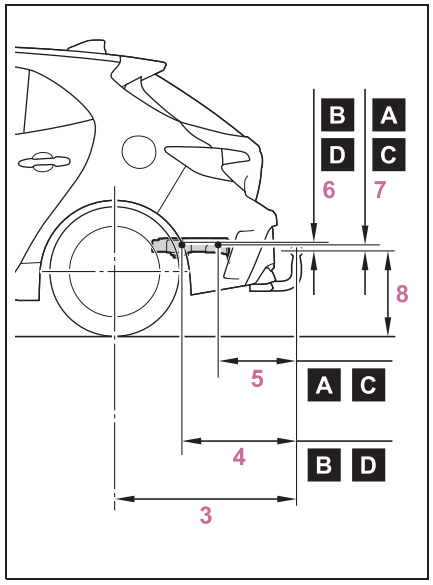
- Add an additional 20.0 kPa (0.2 kgf/cm^2 or bar, 3 psi) to the recommended tire inflation pressure value. (→P.509)
- Do not exceed the established speed limit for towing a trailer in built-up areas or 100 km/h (62 mph), whichever is the lower.

Installation positions for the towing hitch/bracket and hitch ball

▶ Hatchback

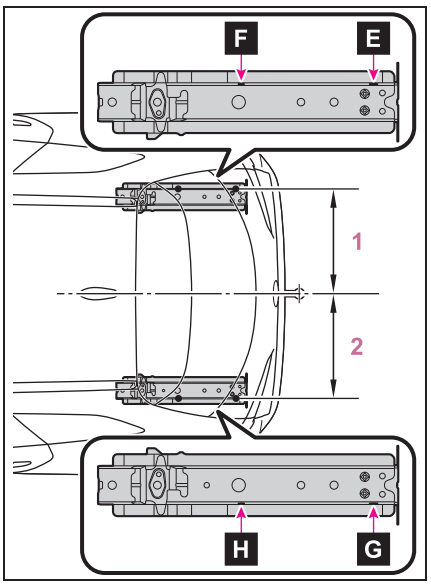


1 516 mm (20.31 in.)
2 516 mm (20.31 in.)

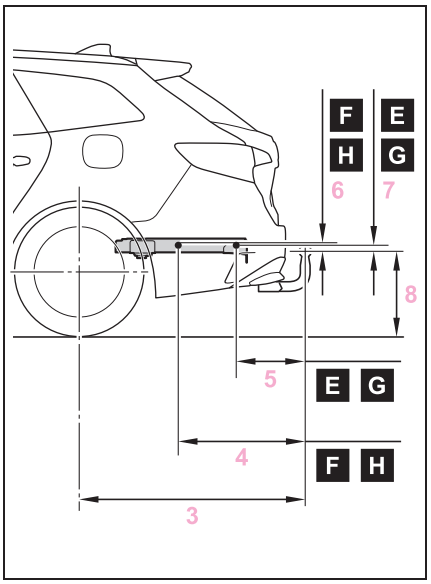


3 895 mm (35.23 in.)*1
896 mm (35.27 in.)*2
4 559 mm (22.00 in.)
5 380 mm (14.96 in.)
6 25 mm (0.98 in.)*1
26 mm (1.02 in.)*2
7 23 mm (0.90 in.)*1
24 mm (0.94 in.)*2
8 358 mm (14.09 in.)*1
371 mm (14.60 in.)*2

▶ Wagon



1 516 mm (20.31 in.)
2 516 mm (20.31 in.)



3 1105 mm (43.50 in.)*1
1106 mm (43.54 in.)*2

4 608 mm (23.93 in.)
5 325 mm (12.79 in.)
6 16 mm (0.62 in.)*1
18 mm (0.71 in.)*2
7 12 mm (0.47 in.)*1
13 mm (0.51 in.)*2
8 364 mm (14.33 in.)*1
376 mm (14.80 in.)*2

*1: Vehicles without a rough road package

*2: Vehicles with a rough road package

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.502)
- Increase the air pressure of the trailer tires in accordance with the total trailer weight and according to the values recommended by the manufacturer of your trailer.

Trailer lights

Please consult 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.

When towing a trailer

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

- LTA (Lane Tracing Assist) P.254
- LDA (Lane Departure Alert) P.259
- Dynamic radar cruise control P.273
- Cruise control P.282
- PKSB (Parking Support Brake) (if equipped) P.308
- BSM (Blind Spot Monitor) (if equipped) P.290

- Toyota parking assist-sensor (if equipped) P.295
- RCTA (Rear Cross Traffic Alert) function (if equipped) P.302

■ 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).

■ Safety checks before towing

- Check that the maximum load limit for the towing hitch/bracket 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 you will not be towing a load that exceeds the maximum permissible axle capacity.
- Ensure that the trailer load is secure.
- Supplementary outside rear view mirrors should be added to the vehicle if the traffic behind cannot be clearly seen with standard mirrors. Adjust the extending arms of these mirrors on both sides of the vehicle so that they always provide maximum visibility of the road behind.

■ Maintenance

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

NOTICE

■ When the rear bumper strengthening material is aluminum

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

Guidance

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

■ Checking connections between trailer and lights

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

■ Practicing driving with a coupled trailer

- Get the feel for turning, stopping and reversing with the trailer coupled by practicing in an area with no or light traffic.
- When reversing with a coupled trailer, hold the section of the 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 and charging system performance when using engine braking, do not use the transmission in D. (→P.204, 207)

■ If the engine overheats

Towing a loaded trailer up a long, steep incline in temperatures exceeding 30°C (85°F) may result in the engine overheating. If the engine coolant temperature gauge indicates that the engine is overheating, turn the air conditioning off immediately, leave the road and stop the vehicle in a safe place. (→P.495)

■ 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.

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.192)

■ 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.

■ To avoid accident or injury

- Vehicles with a compact spare tire: Do not tow a trailer when the compact spare tire is installed on your vehicle.
- Vehicles with the 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 the following systems when trailer towing.
  - Cruise control
  - Dynamic radar cruise control

NOTICE

■ Do not directly splice trailer lights

Directly splicing trailer lights may damage your vehicle's electrical system and cause a malfunction.

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.211)

The parking brake indicator will come on.

2 Check that the shift lever is 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.

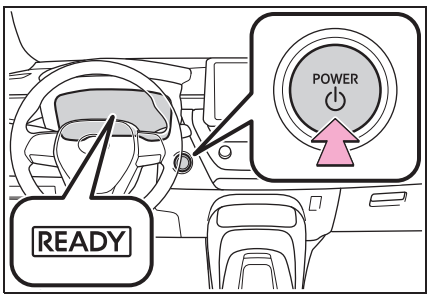
4 Press the power switch shortly and firmly.

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 cannot be driven if the “READY” indicator is off.

■ Power switch illumination

According to the situation, the power switch illumination operates as follows:

- When a door is opened, or the power switch mode is changed from ACC or ON to off, the power switch illumination comes on.
- When depressing the brake pedal with carrying the electronic key on your person, the power switch illumination blinks.
- When the power switch mode is in ACC or ON, the power switch illumination is constantly illuminated.

■ If the hybrid system does not start

- The immobilizer system may not have been deactivated. (→P.88)
  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.

■ 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 vehicle

→P.82

■ If the 12-volt battery is discharged

The hybrid system cannot be started using the smart entry & start system. Refer to P.488 to restart the hybrid system.

■ Electronic key battery depletion

→P.132

■ Conditions affecting operation

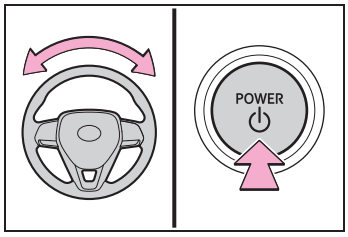
→P.154

■ Notes for the entry function

→P.155

■ Steering lock function (if equipped)

- After turning the power switch off and opening and closing the doors, the steering wheel will be locked due to the steering lock function. Operating the power switch again automatically cancels the steering lock.
- When the steering lock cannot be released, “Push POWER Switch while Turning the Steering Wheel in Either Direction” will be displayed on the multi-information display.
  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.

■ 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.86

■ Electronic key battery

→P.422

■ Operation of the power switch

- If the switch is not pressed shortly and firmly, the power switch mode may not change or the hybrid system may not start.
- If attempting to restart the hybrid system immediately after turning the power switch off, the hybrid system may not start in some cases. After turning the power switch off, please wait a few seconds before restarting the hybrid system.

■ Customization

If the smart entry & start system has been deactivated in a customized setting, refer to P.486.

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

1 Stop the vehicle completely.

2 Set the parking brake (→P.211), and shift the shift lever to P.

Check the parking brake indicator is illuminated.

Do not press the shift release button after shifting the shift lever to P.

3 Press the power switch shortly and firmly.

The hybrid system will stop, and the meter display will be extinguished.

4 Release the brake pedal and check that "ACCESSORY" or "IGNITION ON" is not shown on the multi-information display.

WARNING

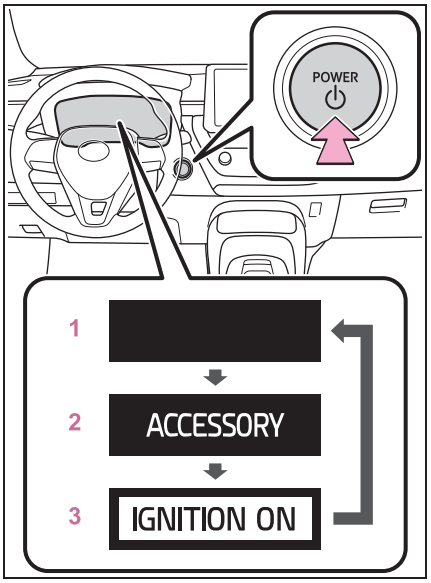
■ Stopping the hybrid system in an emergency

- 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.434) However, do not touch the power switch while driving except in an emergency. Turning the hybrid system off while driving will not cause loss of steering or braking control, however, power assist to the steering will be lost. This will make it more difficult to steer smoothly, so you should pull over and stop the vehicle as soon as it is safe to do so.
- If the power switch is operated while the vehicle is running, a warning message will be shown on the multi-information display and a buzzer sounds.
- To restart the hybrid system after performing an emergency shutdown, shift the shift lever to N and then press the power switch.

Changing power switch modes

Modes can be changed by pressing

the power switch with brake pedal released. (The mode changes each time the switch is pressed.)



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.

"IGNITION ON" will be displayed on the multi-information display.

*1: 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 be remained to ON, not to off.

*2: ACC mode can be enabled/disabled on the customize menu. (vehicles with multimedia system) (→P.513)

Auto power off function

If the vehicle is left in ACC or ON (the hybrid system is not operating) for more than 20 minutes with the shift lever in P or the shift release button is not pressed, the power switch will automatically turn off.

Also, if the remaining 12-volt battery is low with the shift lever in P or the shift release button is not pressed, and the power switch in ACC or ON (hybrid system is not operating), a buzzer sounds and a message is displayed in the multi-information display. If left in this state, the power switch automatically turns to off.

However, this function cannot entirely prevent 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.

When ACC customization is in off (vehicles with multimedia system)

With the power switch is turned off, the multimedia system can still be used for a certain time until the battery saving function starts operating.

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 "IGNITION ON" is displayed on the multi-information display, the power switch is not off. Exit the vehicle after turning the power switch off.

When stopping the hybrid system with the shift lever in a position other than P

If the hybrid system is stopped

when the shift lever is in a position other than P or the shift release button is pressed, the power switch will not be turned off. Perform the following procedure to turn the switch 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 “IGNITION ON” is displayed on the multi-information display and press the power switch shortly and firmly.

4 Check that “ACCESSORY” or “IGNITION ON” on the multi-information display are off.

NOTICE

■ To prevent 12-volt battery discharge

Do not stop the hybrid system with the shift lever in a position other 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 off and remained to ON. If the vehicle is left in ON, battery discharge may occur.

EV drive mode

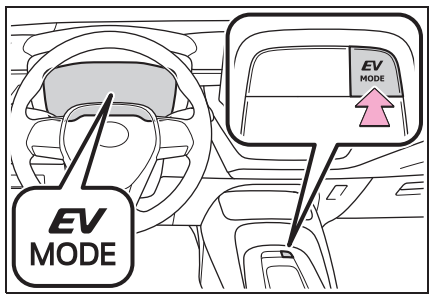
In EV drive mode, electric power is supplied by the hybrid battery (traction battery), and only the electric motor (traction motor) is used to drive the vehicle.

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.

Operating instructions

Turns EV drive mode on/off

When EV drive mode is turned on, the EV drive mode indicator will come on. Pressing the switch when in EV drive mode will return the vehicle to normal driving (using the gasoline engine and electric motor [traction motor]).



■ Situations in which EV drive mode cannot be turned on

It may not be possible to turn EV drive mode on in the following situations. If it cannot be turned on, a buzzer will sound and a message will be shown on the multi-information display.

- The temperature of the hybrid system is high.
  The vehicle has been left in the sun, driven on a hill, driven at high speeds, etc.
- The temperature of the hybrid system is low.
  The vehicle has been left for a long period of time etc.
- The gasoline engine is warming up.
- The hybrid battery (traction battery) is low.
  The remaining battery level indicated in the energy monitor display is low. (→P.128)
- Vehicle speed is high.
- The accelerator pedal is depressed firmly or the vehicle is on a hill etc.
- The windshield defogger is in use.

Switching to EV drive mode when the gasoline engine is cold

After the hybrid system has started and the “READY” indicator has illuminated, press the EV drive mode switch before the gasoline engine starts to switch to EV drive mode.

However, depending on vehicle conditions, EV drive mode may be canceled and normal driving (using the gasoline engine and electric motor [traction motor]) may be resumed.

Automatic cancelation of EV drive mode

When driving in EV drive mode, the gasoline engine may start automatically and the vehicle may be driven by the gasoline engine and electric motor (traction motor) in the following situations. When EV drive mode is canceled, a buzzer will sound, the EV drive mode indicator will flash, and a message will be displayed on the multi-information display.

- The hybrid battery (traction battery) becomes low.
  The remaining battery level indicated in the energy monitor display is low. (→P.128)
- Vehicle speed is high.
- The accelerator pedal is depressed firmly or the vehicle is on a hill etc.

Possible driving distance when driving in EV drive mode

EV drive mode’s possible driving distance ranges from a few hundred meters to approximately 1 km (0.6 mile). However, depending on vehicle conditions, there are situations when EV drive mode cannot be used.
(The distance that is possible depends on the hybrid battery [traction battery] level and driving conditions.)

Fuel economy

The hybrid system is designed to achieve the best possible fuel economy during normal driving (using the gasoline engine and electric motor [traction motor]). Driving in EV drive mode more than necessary may lower fuel economy.

If “EV Mode Unavailable” is shown on the multi-information display

The EV drive mode is not available. The reason the EV drive mode is not available (the vehicle is idling, battery charge is low, vehicle speed is higher than the EV drive mode operating speed range or accelerator pedal is depressed too much) may be displayed. Use the EV drive mode when it becomes available.

If “EV Mode Deactivated” is shown on the multi-information display

The EV drive mode has been automatically canceled. The reason the EV drive mode is not available (the battery charge is low, vehicle speed is higher than the EV drive mode operating speed range or accelerator pedal is depressed too much) may be displayed. Drive the vehicle for a while before attempting to turn on the EV drive mode again.

WARNING

■ Caution while driving

When driving in EV drive mode, pay special attention to the area around the vehicle. Because there is no engine noise, pedestrians, people riding bicycles or other people and vehicles in the area may not be aware of the vehicle starting off or approaching them. Take extra care while driving even if the vehicle proximity notification system is active.

Hybrid transmission (vehicles without paddle shift switches)

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 (Condition in which the power is not transmitted)
D	Normal driving*
B	Applying moderate engine braking driving down hills

*: To improve fuel efficiency and reduce noise, shift the shift lever to D for normal driving.

■ Restraining sudden start (Drive-Start Control)

→P.188

WARNING

■ When driving on slippery road surfaces

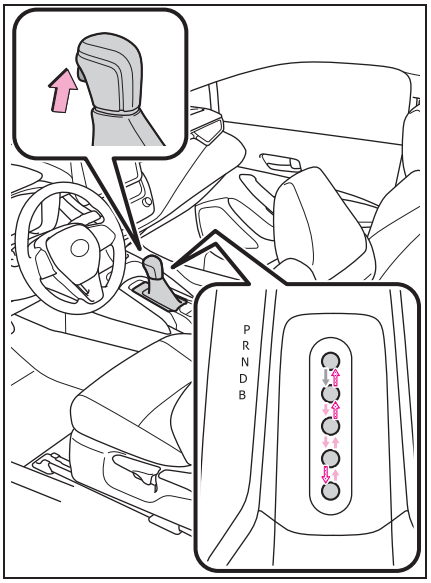
Do not accelerate or shift gears suddenly.
Sudden changes in engine braking may cause the vehicle to spin or skid, resulting in an accident.

NOTICE

■ Hybrid battery (traction battery) charge

If the shift lever is in N, the hybrid battery (traction battery) will not be charged even when the engine is running. Therefore, if the vehicle is left with the shift lever in N for a long period 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.

*: For the vehicle 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

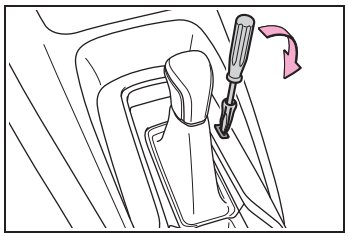
The shift lock system is a system to prevent accidental operation of the shift lever in starting.
The shift lever can be shifted from P only when the power switch is in ON and the brake pedal is being depressed.

■ 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 with your foot on the brake pedal, 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:

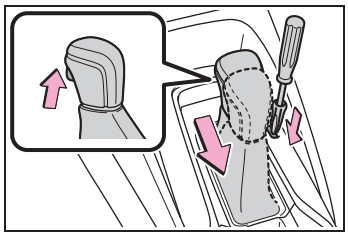
1 Set the parking brake.
2 Turn the power switch off.
3 Depress the brake pedal.
4 Ply the cover up with a flathead screwdriver or equivalent tool.
To prevent damaging the cover,

wrap the tip of the flathead screwdriver with a tape.



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 the both buttons are pressed.



■ About engine braking

When shift position B is selected, releasing the accelerator pedal will apply engine braking.

- When the vehicle is driven at high speeds, compared to ordinary gasoline-fueled vehicles, the engine braking deceleration is felt less than that of other vehicles.
- The vehicle can be accelerated even when shift position B is selected.

If the vehicle is driven continuously in the B position, fuel efficiency will become low. Usually, select the D position.

⚠ 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.323

Hybrid transmission (vehicles with paddle shift switches)

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 (Condition in which the power is not transmitted)
D	Normal driving*1
S	S mode driving*2 (→P.209)

*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 the cruise control or dynamic radar cruise control activated

Even when performing the following actions with the intent of enabling engine braking, engine braking will not occur because cruise control or radar cruise control will not be canceled.

- While driving in D or S mode, downshifting to 5 or 4. (→P.209, 209)
- When switching the driving mode to Sport mode while driving in the D position. (→P.323)

■ Restraining sudden start (Drive-Start Control)

→P.188

WARNING

■ When driving on slippery road surfaces

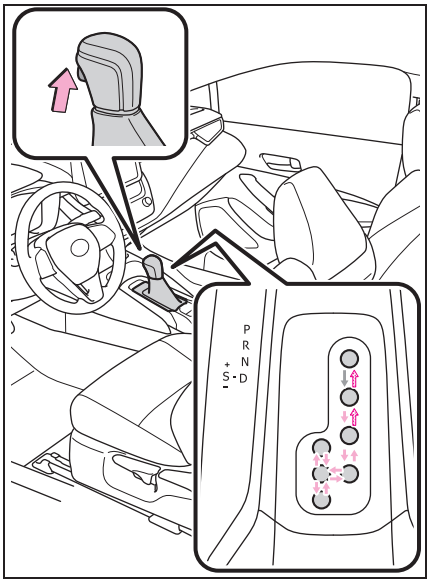
Do not accelerate or shift gears suddenly.
Sudden changes in engine braking may cause the vehicle to spin or skid, resulting in an accident.

NOTICE

■ Hybrid battery (traction battery) charge

If the shift lever is in N, the hybrid battery (traction battery) will not be charged even when the engine is running. Therefore, if the vehicle is left with the shift lever in N for a long period 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.

*: For the vehicle 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.

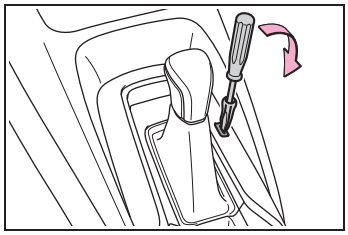
Shift lock system

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 and the brake pedal is being depressed.

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 with your foot on the brake pedal, 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:

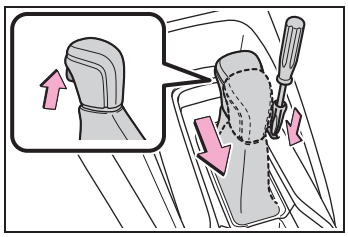
1. Set the parking brake.
2. Turn the power switch off.
3. Depress the brake pedal.
4. Ply the cover up with a flathead screwdriver or equivalent tool.
   To prevent damaging the cover, wrap the tip of the flathead screwdriver with a tape.



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 the

both buttons are pressed.



WARNING

■ To prevent an accident when releasing the shift lock

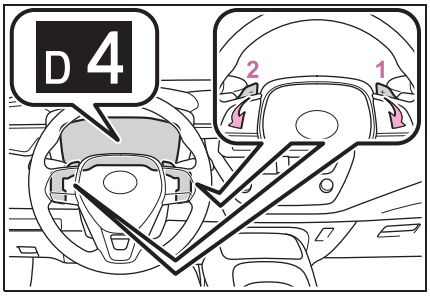
Before pressing the shift lock override button, make sure to set the parking brake and depress the brake pedal. If the accelerator pedal is accidentally depressed instead of the brake pedal when the shift lock override button is pressed and the shift lever is shifted out of P, the vehicle may suddenly start, possibly leading to an accident resulting in death or serious injury.

Selecting the driving mode

→P.323

Selecting shift ranges in the D position

To drive using temporary shift range selection, operate the "-" paddle shift switch. The shift range can then be selected by operating the "-" and "+" paddle shift switches. Changing the shift range allows restriction of the highest gear, preventing upshifting and enabling the level of engine braking force to be selected.



1 Upshifting

2 Downshifting

The selected shift range, from D1 to D6, will be displayed on the multi-information display.

■ 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.

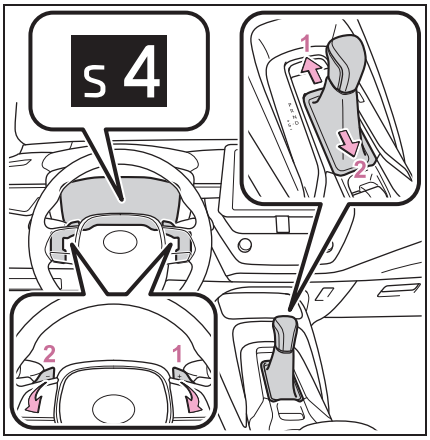
■ Automatic deactivation of shift range selection in the D position

Shift range selection in the D position will be deactivated in the following situations:

- The "+" paddle shift switch is held down for a period of time
- When the vehicle comes to a stop
- If the accelerator pedal is depressed for more than a certain period of time
- When the shift lever is shifted to a position other than D

Changing gears in the S position

When the shift lever is in the S position, the shift lever or paddle shift switches can be operated as follows:



1 Upshifting

2 Downshifting

The gear changes once every time the shift lever or paddle shift switch is operated.

The selected gear step, from S1 to S6, will be displayed on the multi-information display.

■ Downshift restriction warning buzzer (S mode or paddle shifting)

To help ensure safety and driving performance, downshifting operation may sometimes be restricted. In some circumstances, downshifting may not be possible even when the shift lever or paddle shift switches are operated. (A buzzer will sound twice.)

■ S mode

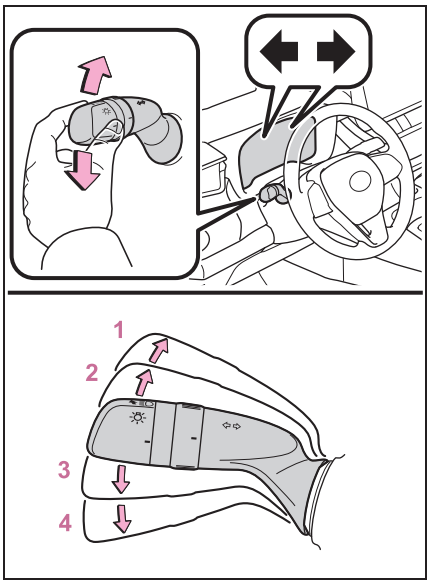
- When the shift range is S4 or lower, holding the shift lever toward “+” sets the shift range to S6.
- To prevent the engine from over-revving, upshifting may automatically occur.

■ 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.)

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.

■ Customization

Some functions can be customized. (→P.513)

Parking brake

The parking brake can be set or released automatically or manually.

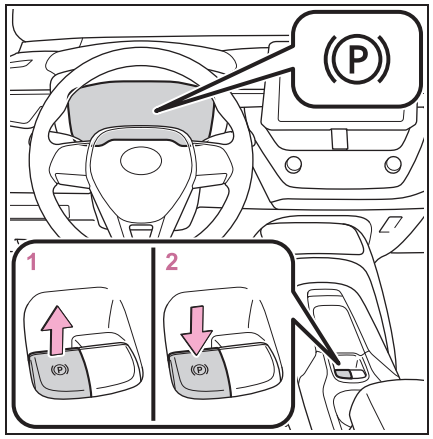
In automatic mode, the parking brake can be set or released automatically according to shift lever operation.

Also, even in automatic mode, the parking brake can be set or released manually.

Operating instructions

■ Using the manual mode

The parking brake can be set and released manually.



1 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.212)

Make sure that the parking brake indicator light turn off. If the parking brake indicator light flash, operate the switch again.(→P.449)

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

Operate the shift lever 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.211)

■ 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 lever is in a forward driving position or reverse driving position
- The malfunction indicator lamp or brake system warning light 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 lever is shifted from P, the parking brake will be released automatically.

■ Parking brake automatic lock function

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 shift lever is in a position other than P
- The malfunction indicator lamp and brake system warning light are not illuminated

■ 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.183

■ 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 comes on

→P.442

■ Usage in winter time

→P.333

⚠ WARNING

■ When parking the vehicle

Do not leave a child in the vehicle alone. The parking brake may be released unintentionally 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.

WARNING

■ **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 lever 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.488)

■ **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.

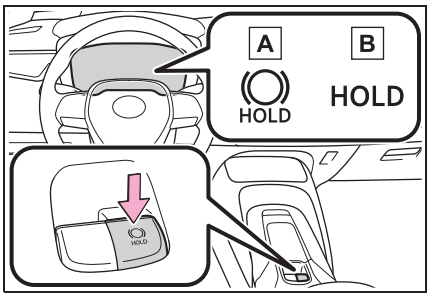
Brake Hold

The brake hold system keeps the brake applied when the shift lever is in D, B (vehicles without paddle shift switches), S (vehicles with paddle shift switches) or N with the system on and the brake pedal has been depressed to stop the vehicle. The system releases the brake when the accelerator pedal is depressed with the shift lever in D, B (vehicles without paddle shift switches) or S (vehicles with paddle shift switches) to allow smooth start off.

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.



Brake hold system operating conditions

The brake hold system cannot be turned on in the following conditions:

- The driver's door is not closed.
- The driver is not wearing the seat belt.
- The parking brake is engaged.

If any of the conditions above are detected when the brake hold system is enabled, the system will turn off and the brake hold standby indicator light will go off. In addition, if any of the conditions are detected while the system is holding the brake, a warning buzzer will sound and a message will be shown on the multi-information display. The parking brake will then be set automatically.

Brake hold function

- If the brake pedal is left released for a period of about 3 minutes after the system has started holding the brake, the parking brake will be set automatically. In this case, a warning buzzer sounds and a message is shown on the multi-information display.
- To turn the system off while the system is holding the brake, firmly depress the brake pedal and press the button again.
- The brake hold function may not hold the vehicle when the vehicle is on a steep incline. In this situation, it may be necessary for the driver to apply the brakes. A warning buzzer will sound and the multi-information display will inform the driver of this situation. If a warning message is shown on the multi-information display, read the message and follow the instructions.
- When 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.211)

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.

If the brake hold operated indicator flashes

→P.450

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

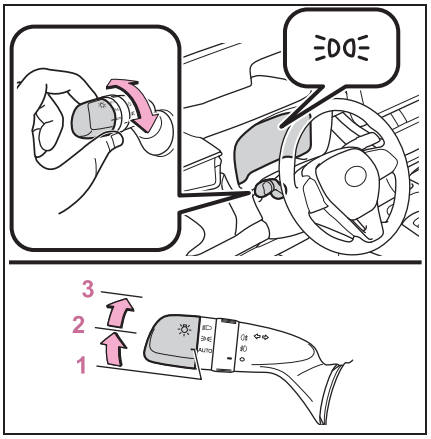
The brake hold system is not designed for use when parking the vehicle for a long period of time. Turning the power switch off while the system is holding the brake may release the brake, which would cause the vehicle to move. When operating the power switch, depress the brake pedal, shift the shift lever to P and set the parking brake.

Headlight switch

The headlights can be operated manually or automatically.

Operating instructions

Operating the switch turns on the lights as follows:



1 AUTO The headlights, daytime running lights (→P.217) and all the lights listed below turn on and off automatically.

2 The front position, tail, license plate and instrument panel lights turn on.

3 The headlights and all the lights listed above turn on.

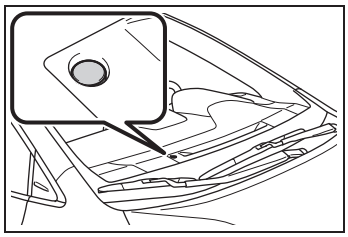
■ AUTO mode can be used when

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 hybrid system is started and the parking brake is released with the headlight switch in the AUTO position. (Illuminate brighter than the front position lights.) Daytime running lights are not designed for use at night.

■ Headlight control sensor



The sensor may not function properly if an object is placed on the sensor, or anything that blocks the sensor is affixed to the windshield.
Doing so interferes with the sensor detecting the level of ambient light and may cause the automatic headlight system to malfunction.

■ Automatic light off system

- When the light switch is in or : The headlights and front fog lights (if equipped) turn off automatically if the power switch is turned to ACC or OFF, and the driver's door is opened.
- When the light switch is in AUTO : The headlights and all lights turn off automatically 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 off once and then back to or .

■ Light reminder buzzer

A buzzer sounds when the power switch is turned to OFF or ACC and the driver's door is opened while the lights are

turned on.

■ **Automatic headlight leveling system (if equipped)**

The level of the headlights is automatically adjusted according to the number of passengers and the loading condition of the vehicle to ensure that the headlights do not interfere with other road users.

■ **12-volt battery-saving function**

In order to prevent the 12-volt battery of the vehicle from discharging, if the light switch is in the or AUTO position when the power switch is turned off the 12-volt battery saving function will operate and automatically turn off all the lights after approximately 20 minutes. When the power switch is turned to ON, the 12-volt battery-saving function will be disabled.
When any of the following are performed, the 12-volt battery-saving function is canceled once and then reactivated. All the lights will turn off automatically 20 minutes after the 12-volt battery- saving function has been reactivated:

- When the headlight switch is operated
- When a door is opened or closed

■ **Customization**

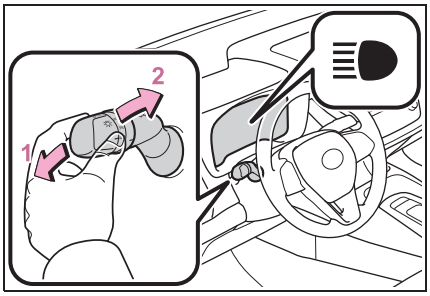
Some functions can be customized. (→P.513)

NOTICE

■ **To prevent 12-volt battery discharge**

Do not leave the lights on longer than necessary when the hybrid system is off.

Turning on the high beam headlights



1 With the headlights on, push the lever away from you to turn on the high beams.

Pull the lever toward you to the center position to turn the high beams off.

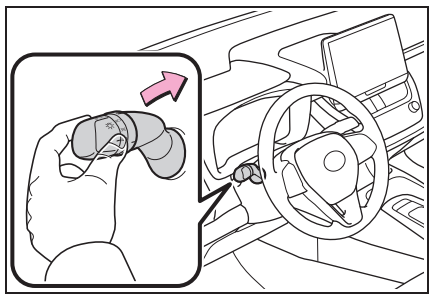
2 Pull the lever toward you and release it to flash the high beams once.

You can flash the high beams with the headlights on or off.

Extended Headlight Lighting system

This system allows the headlights to be turned on for 30 seconds when the power switch is off.

Pull the lever toward you and release it with the light switch in AUTO after turning the power switch off.

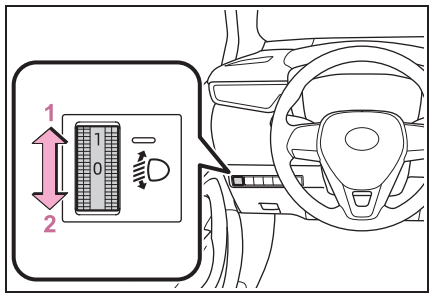


The lights are turned off in the following situations.

- The power switch is turned to ON.
- The light switch is turned on.
- The light switch is pulled toward you and then released.

Manual headlight leveling dial (if equipped)

The level of the headlights can be adjusted according to the number of passengers and the loading condition of the vehicle.



1 Raises the level of the headlights

2 Lowers the level of the headlights

■ Guide to dial settings

▶ Hatchback

Occupancy and luggage load conditions		Dial position
Occupants	Luggage load	
Driver	None	0
Driver and front passenger	None	0.5
All seats occupied	None	2.0
All seats occupied	Full luggage loading	2.5
Driver	Full luggage loading	3.5

▶ Wagon (for ZWE219L-DWXDBW* and ZWE219R-DWXDBW*)

Occupancy and luggage load conditions		Dial position
Occupants	Luggage load	
Driver	None	0
Driver and front passenger	None	0.5
All seats occupied	None	1.5

Occupancy and luggage load conditions		Dial position
Occupants	Luggage load	
All seats occupied	Full luggage loading	2.5
Driver	Full luggage loading	3.5

*: The model code is indicated on the manufacturer's label or the Certification Regulation label. (→P.503)

▶ Wagon (for ZWE219R-DWX-PBW*)

Occupancy and luggage load conditions		Dial position
Occupants	Luggage load	
Driver	None	0
Driver and front passenger	None	0.5
All seats occupied	None	1.5
All seats occupied	Full luggage loading	2.5
Driver	Full luggage loading	3.0

*: The model code is indicated on the manufacturer's label or the Certification Regulation label. (→P.503)

▶ Wagon (for ZWE219L-DWX-CBW* and ZWE219R-DWX-CBW*)

Occupancy and luggage load conditions		Dial position
Occupants	Luggage load	
Driver	None	0
Driver and front passenger	None	-
All seats occupied	None	-
All seats occupied	Full luggage loading	-
Driver	Full luggage loading	3.5

*: The model code is indicated on the manufacturer's label or the Certification Regulation label. (→P.503)

▶ Wagon (except for ZWE219L-DWXDBW*3, ZWE219R-DWXDBW*3,

ZWE219R-DWXPBW*3, ZWE219L-DWXCBW*3 and ZWE219R-DWXCBW*3)

Occupancy and luggage load conditions		Dial position
Occupants	Luggage load	
Driver	None	0
Driver and front passenger	None	0.5
All seats occupied	None	1.5
All seats occupied	Full luggage loading	2.0*1 2.5*2
Driver	Full luggage loading	3.0

*1: Vehicles without raised vehicle height

*2: Vehicles with raised vehicle height

*3: The model code is indicated on the manufacturer's label or the Certification Regulation label. (→P.503)

AHB (Automatic High Beam)*

*: If equipped

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

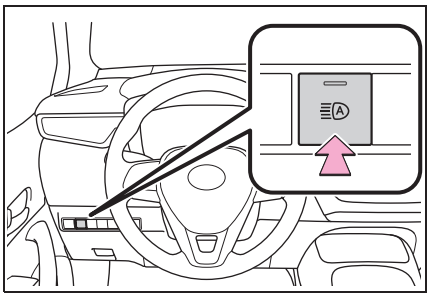
Do not overly rely on the Automatic High Beam. Always drive safely, taking care to observe your surroundings and turning the high beams on or off manually if necessary.

■ To prevent unintentional operation of the Automatic High Beam System

● When it is necessary to disable the system: →P.238

Using the Automatic High Beam system

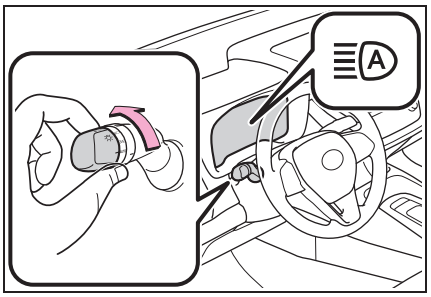
1 Press the Automatic High Beam switch.



4 Driving

2 Turn the headlight switch to the AUTO or position.

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



Automatic operating conditions of the high beams

- When all of the following conditions are met, the high beams will illuminate automatically:
  - The vehicle speed is approximately 30 km/h (19 mph) or more.
  - The area ahead of the vehicle is dark.
  - There are no vehicles ahead with lights on.
  - There are few streetlights or other lights on the road ahead.
- If any of the following conditions are met, the headlights will change to the low beams:
  - Vehicle speed drops below approximately 25 km/h (16 mph).
  - The area ahead of the vehicle is not dark.
  - There is a vehicle ahead with lights on.
  - There are many streetlights or other lights on the road ahead.

Front camera detection

- In the following situations, the high beams may not be automatically changed to the low beams:
  - When a vehicle cuts in front of your vehicle
  - When another vehicle crosses in front of the vehicle
  - When vehicles ahead are repeatedly detected and then hidden due to repeated curves, road dividers or roadside trees
  - When a vehicle ahead approaches from a far lane
  - When a vehicle ahead is far away
  - When a vehicle ahead has no lights
  - When the lights of a vehicle ahead are dim
  - When a vehicle ahead is reflecting strong light, such as own headlights
  - Situations in which the sensors may not operate properly: →P.242
- The headlights may change to the low beams if a vehicle ahead that is using fog lights without its headlights turned on is detected.
- House lights, street lights, traffic signals, and illuminated billboards or signs may cause the high beams to change to the low beams, or the low beams to remain on.
- The following may change the timing at which the headlights change to the low beams:
  - The brightness of lights of vehicles ahead
  - The movement and direction of vehicles ahead
  - The distance between the vehicle and a vehicle ahead
  - When a vehicle ahead only has lights illuminated on one side
  - When a vehicle ahead is a two-wheeled vehicle
  - The condition of the road (gradient, curve, condition of the road surface, etc.)
  - The number of passengers and amount of luggage
- The headlights may change between the high beams and low beams unexpectedly.
- Bicycles and other small vehicles may not be detected.
- In the following situations, the system may not be able to correctly detect the brightness of the surroundings. This

may cause the low beams to remain on or the high beams to flash or dazzle pedestrians or vehicles ahead. In such a case, it is necessary to manually change between the high beams and low beams.
- When there are lights similar to headlights or tail lights in the surrounding area
- When headlights or tail lights of vehicles ahead are turned off, dirty, changing color, or not aimed properly
- When the headlights are repeatedly changing between the high beams and low beams.
- When use of the high beams is inappropriate or when the high beams may be flashing or dazzling pedestrians or other drivers.
- When the vehicle is used in an area in which vehicles travel on the opposite side of the road of the country for which the vehicle was designed, for example using a vehicle designed for right-hand traffic in a left-hand traffic area, or vice versa
- When it is necessary to disable the system: →P.238
- Situations in which the sensors may not operate properly: →P.242

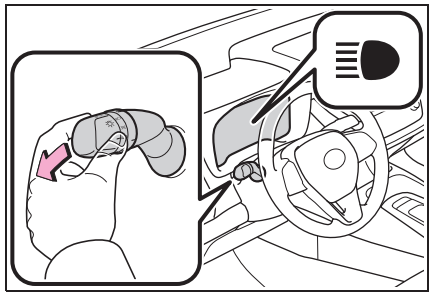
Turning the high beams on/off manually

■ Changing to the high beams

Push the lever forward.

The Automatic High Beam indicator will turn off and the high beam indicator will turn on.

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

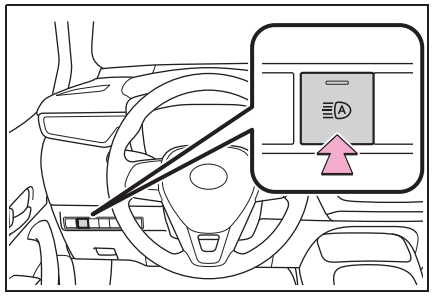


■ Changing to the low beams

Press the Automatic High Beam switch.

The Automatic High Beam indicator will turn off.

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



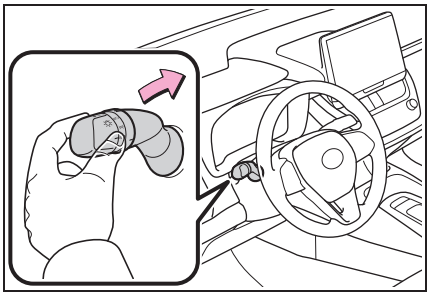
■ Temporarily changing to the low beams

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.



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

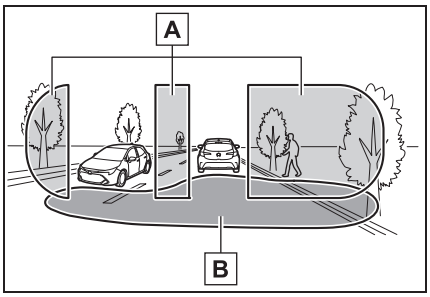
When it is necessary to disable the system: →P.238

System controls

- According to the vehicle speed, the brightness and illuminated area of the high beams are adjusted.
- When driving around a curve, the system uses the high beams to brightly illuminate the direction of travel of the vehicle.
- The high beams are illuminated so that the area around a vehicle

ahead is shaded. (Shaded high beam)

The shaded high beam helps ensure forward visibility while reducing the dazzling effect on the drivers of vehicles ahead.



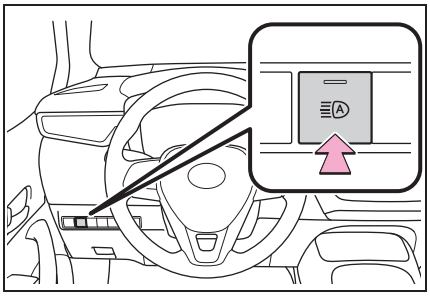
A Area illuminated by the high beams

B Area illuminated by the low beams

- According to the distance to a preceding vehicle, the illuminated area of the low beams is adjusted.

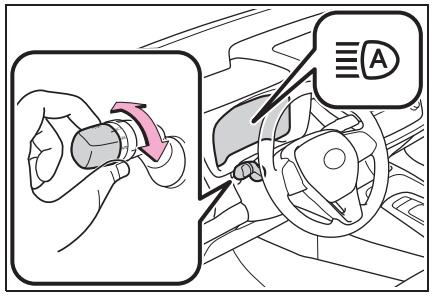
Using the Adaptive High-beam System

1 Press the Adaptive High-beam System switch.



2 Turn the headlight switch to the AUTO or position.

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



System operating conditions

- When all of the following conditions are met, the high beams will illuminate and the system will operate:
  - The vehicle speed is approximately 15 km/h (9 mph) or more*.
  - The area ahead of the vehicle is dark.

*: When driving around a curve at a vehicle speed of approximately 30 km/h (19 mph) or more, the direction of travel of the vehicle will be brightly illuminated.

- When all of the following conditions are met, the headlights will change to the shaded high beams according to the position of vehicles ahead:
  - The vehicle speed is approximately 15 km/h (9 mph) or more.
  - The area ahead of the vehicle is dark.
  - There is a vehicle ahead with lights on.
  - There are few streetlights or other lights on the road ahead.
- If any of the following conditions are met, the system will change to the low beams:
  - The vehicle speed is approximately 12 km/h (7.5 mph) or lower.
  - The area ahead of the vehicle is not

dark.
- There are many vehicles ahead.
- There are many streetlights or other lights on the road ahead.

■ Front camera detection

● In the following situations, the high beams may not be automatically changed to the shaded high beams:
- When a vehicle cuts in front of your vehicle
- When another vehicle crosses in front of the vehicle
- When vehicles ahead are repeatedly detected and then hidden due to repeated curves, road dividers or roadside trees
- When a vehicle ahead approaches from a far lane
- When a vehicle ahead is far away
- When a vehicle ahead has no lights
- When the lights of a vehicle ahead are dim
- When a vehicle ahead is reflecting strong light, such as the headlights of your vehicle
- Situations in which the sensors may not operate properly: →P.242

● The high beams may change to the shaded high beams if a vehicle ahead that is using fog lights without its headlights turned on is detected.

● House lights, street lights, traffic signals, and illuminated billboards or signs and other reflective objects may cause the high beams to change to the shaded high beams, cause the high beams not to change to the shaded high beams, or change the area that is not illuminated.

● The following may change the speed at which the shaded areas change or the timing at which the headlights change to the low beams:
- The brightness of lights of vehicles ahead
- The movement and direction of vehicles ahead
- The distance between the vehicle and a vehicle ahead
- When a vehicle ahead only has lights illuminated on one side
- When a vehicle ahead is a two-wheeled vehicle
- The condition of the road (gradient, curve, condition of the road surface, etc.)
- The number of passengers and amount of luggage

● The light distribution control of the headlights may not match the driver's expectations

● Bicycles and other small vehicles may not be detected.

● In the following situations, the system may not be able to correctly detect the brightness of the surroundings. This may cause the low beams to remain on or the high beams to flash or dazzle pedestrians or vehicles ahead. In such a case, it is necessary to manually change between the high beams and low beams.
- When there are lights similar to headlights or tail lights in the surrounding area
- When headlights or tail lights of vehicles ahead are turned off, dirty, changing color, or not aimed properly
- When the headlights are repeatedly changing between the high beams and low beams.
- When use of the high beams is inappropriate or when the high beams may be flashing or dazzling pedestrians or other drivers.
- When the vehicle is used in an area in which vehicles travel on the opposite side of the road of the country for which the vehicle was designed, for example using a vehicle designed for right-hand traffic in a left-hand traffic area, or vice versa
- When it is necessary to disable the system: →P.238
- Situations in which the sensors may not operate properly: →P.242

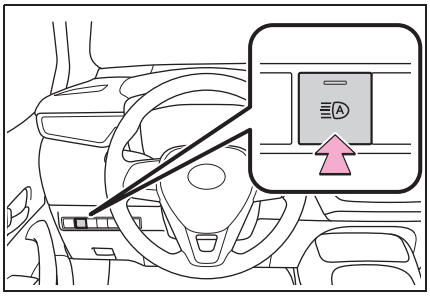
Turning the high beams on/off manually

■ Changing to the high beams

Push the lever forward.

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

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

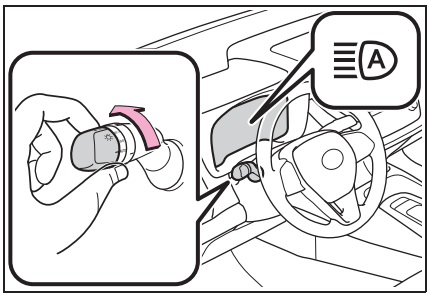


■ Changing to the low beams

Press the Adaptive High-beam System switch.

The AHS indicator will turn off.

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

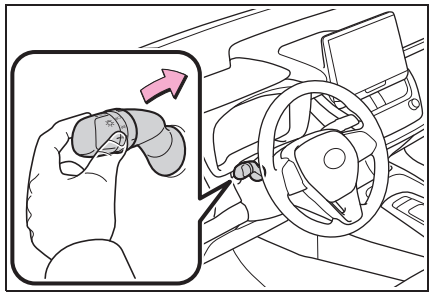


Temporarily changing to the low beams

It is recommended to switch to the low beams when use of the high beams is inappropriate or when the high beams may cause problems or distress to other drivers or pedestrians nearby.

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

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



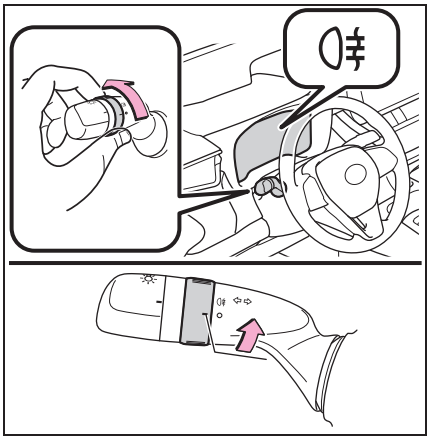
Fog light switch*

*: If equipped

The fog lights secure excellent visibility in difficult driving conditions, such as in rain and fog.

Operating instructions

▶ Rear fog light switch

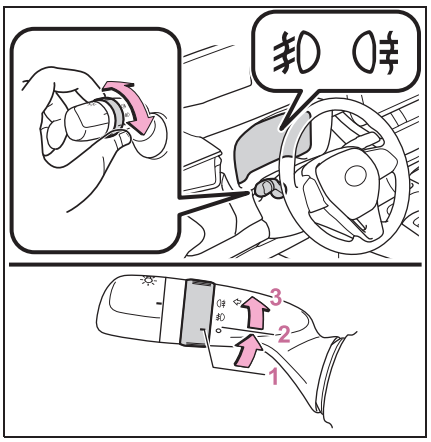


Turns the rear fog light on

Releasing the switch ring returns it to O .

Operating the switch ring again turns the rear fog light off.

▶ Front and rear fog light switch



1 O Turns the front fog lights off

2 Turns the front fog lights on

3 Turns the front and rear fog light 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 a rear fog light switch

The headlights are turned on.

● Vehicles with a front and rear fog light switch

Front fog lights: The headlights or the front position lights are turned on.
Rear fog light: The headlights or the front fog lights are turned on.

Windshield wipers and washer

Operating the lever can use the windshield wipers or the washer.

NOTICE

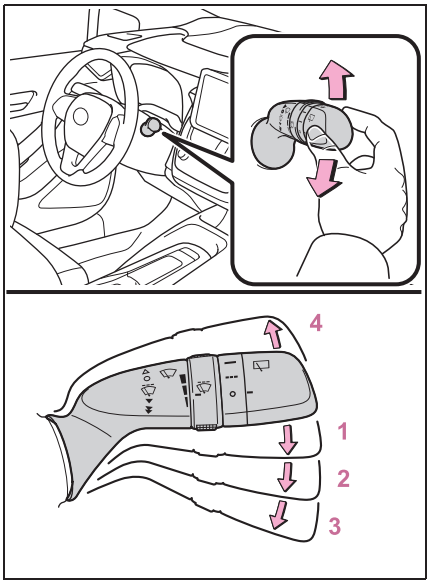
■When the windshield is dry

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 with interval adjuster



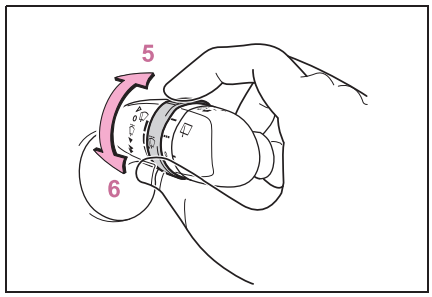
1 Intermittent windshield wiper operation

2 ▼ Low speed windshield wiper operation

3 ▼▼ High speed windshield wiper operation

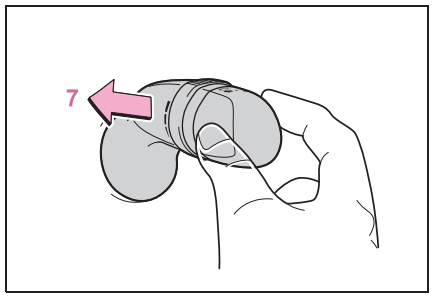
4 △ Temporary operation

Wiper intervals can be adjusted when intermittent operation is selected.



5 Increases the intermittent windshield wiper frequency

6 Decreases the intermittent windshield wiper frequency



7 Washer/wiper dual operation

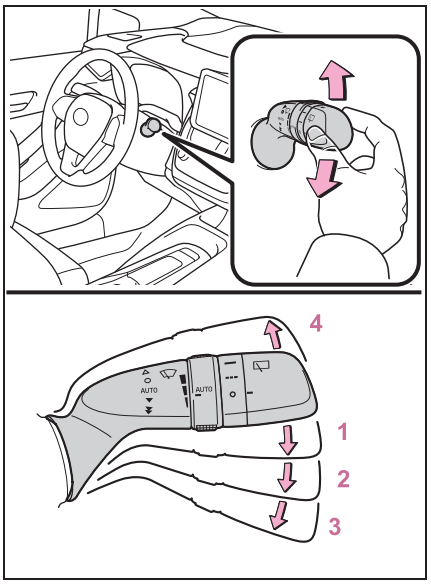
Pulling the lever operates the wipers and washer.

Wipers will automatically operate a couple of times after the washer squirts.

Vehicles with headlight cleaners: When the headlights are on and the lever is

pulled and held, the headlight cleaners will operate once. After this, the headlight cleaners will operate every 5th time the lever is pulled.

▶ Rain-sensing windshield wipers



1 AUTO Rain-sensing windshield wiper operation

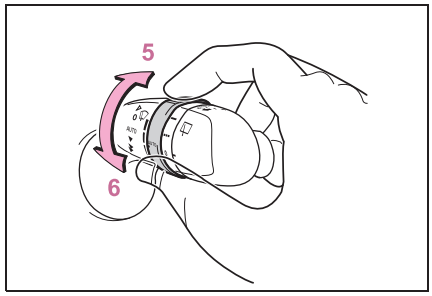
2 ▼ Low speed windshield wiper operation

3 ▼▼ High speed windshield wiper operation

4 △ Temporary operation

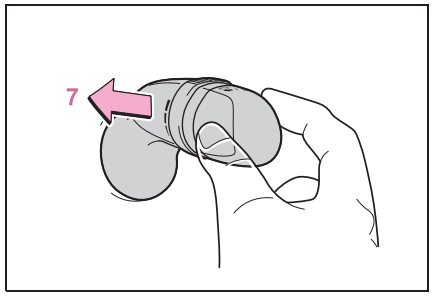
When “AUTO” is selected, the wipers will operate automatically when the sensor detects falling rain. The system automatically adjusts wiper timing in accordance with rain volume and vehicle speed.

When “AUTO” is selected, the sensor sensitivity can be adjusted as follows by turning the switch ring.



5 Increases the rain-sensing windshield wiper sensitivity

6 Decreases the rain-sensing windshield wiper sensitivity



7 Washer/wiper dual operation

Pulling the lever operates the wipers and washer.

Wipers will automatically operate a couple of times after the washer squirts.

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

■ The windshield wiper and washer can be operated when

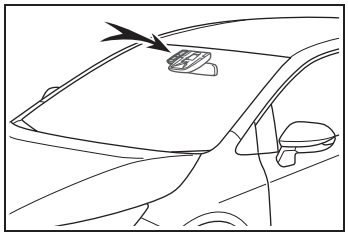
The power switch is in ON.

Effects of vehicle speed on wiper operation (vehicles with rain-sensing windshield wipers)

Vehicle speed affects the Intermittent wiper interval.

Raindrop sensor (vehicles with rain-sensing windshield wipers)

- The raindrop sensor judges the amount of raindrops.
  An optical sensor is adopted. It may not operate properly when sunlight from the rising or setting of the sun intermittently strikes the windshield, or if bugs etc. are present on the windshield.



- If the wiper is turned to AUTO mode while the power switch is in ON, the wipers will operate once to show that AUTO mode is activated.
- If the temperature of the raindrop sensor is 85°C (185°F) or higher, or -15°C (5°F) or lower, automatic operation may not occur. In this case, operate the wipers in any mode other than AUTO mode.

If no windshield washer fluid sprays

Check that the washer nozzles are not blocked if there is washer fluid in the windshield washer fluid reservoir.

When stopping the hybrid system in an emergency while driving

If the windshield wipers are operating when the hybrid system is stopped, the windshield wipers will operate in high speed operation. After the vehicle is stopped, operation will return to normal when the power switch is turned to ON, or operation will stop when the driver's door is opened.

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 do not become caught in the windshield wipers.

Caution regarding the use of washer fluid

When it is cold, do not use the washer fluid until the windshield becomes warm. The fluid may freeze on the windshield and cause low visibility. This may lead to an accident, resulting in death or serious injury.

NOTICE

When there is no washer fluid spray from the nozzle

Damage to the washer fluid pump may be caused if the lever is pulled toward you and held continually.

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.

Rear window wiper and washer

Operating the lever can use the rear window wiper or the washer.

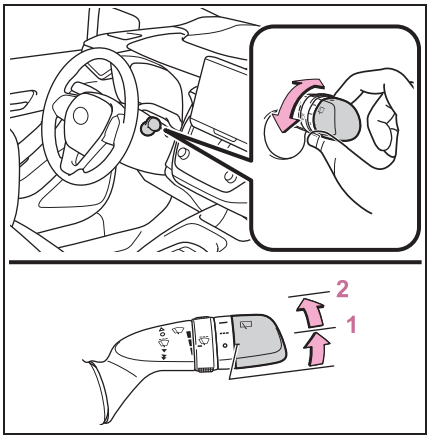
NOTICE

■When the rear window is dry

Do not use the wiper, as it may damage the rear window.

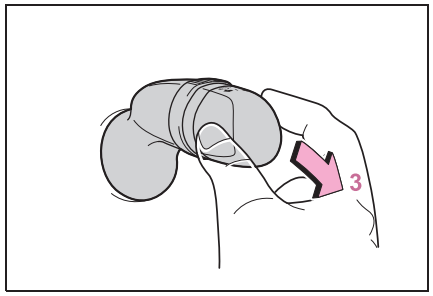
Operating instructions

Operating the switch operates the rear wiper as follows:



1 Intermittent window wiper operation

2 Normal window wiper operation



3 Washer/wiper dual operation

Pushing the lever operates the wiper and washer.

The wiper will automatically operate a couple of times after the washer squirts.

■The rear window wiper and washer can be operated when

The power switch is in ON.

■If no windshield washer fluid sprays

Check that the washer nozzle is not blocked if there is washer fluid in the windshield washer fluid reservoir.

■Back door opening linked rear window wiper stop function

When the rear window wiper are operating, if a 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.

NOTICE

■When the washer fluid tank is empty

Do not operate the switch continually as the washer fluid pump may overheat.

NOTICE

■ 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.

Opening the fuel tank cap

Perform the following steps to open the fuel tank cap:

Before refueling the vehicle

- Turn the power switch off and ensure that all the doors and windows are closed.
- Confirm the type of fuel.

■ Fuel types

→P.512

■ Fuel tank opening for unleaded gasoline

To help prevent incorrect fueling, your vehicle has a fuel tank opening that only accommodates the special nozzle on unleaded fuel pumps.

⚠ WARNING

■ When refueling the vehicle

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

- After exiting the vehicle and before opening the fuel door, touch an unpainted metal surface to discharge any static electricity. It is important to discharge static electricity before refueling because sparks resulting from static electricity can cause fuel vapors to ignite while refueling.
- Always hold the grips on the fuel tank cap and turn it slowly to remove it.
  A whooshing sound may be heard when the fuel tank cap is loosened. Wait until the sound cannot be heard before fully removing the cap. In hot weather, pressurized fuel may spray out the filler neck and cause injury.
- Do not allow anyone that has not discharged static electricity from their body to come close to an open fuel tank.
- Do not inhale vaporized fuel.
  Fuel contains substances that are harmful if inhaled.
- Do not smoke while refueling the vehicle.
  Doing so may cause the fuel to ignite and cause a fire.
- Do not return to the vehicle or touch any person or object that is statically charged.
  This may cause static electricity to build up, resulting in a possible ignition hazard.

■ When refueling

Observe the following precautions to prevent fuel overflowing from the fuel tank:

- Securely insert the fuel nozzle into the fuel filler neck.
- Stop filling the tank after the fuel nozzle automatically clicks off.
- Do not top off the fuel tank.

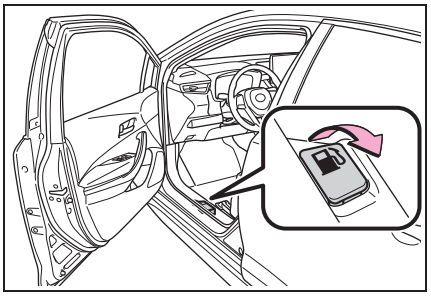
NOTICE

■ Refueling

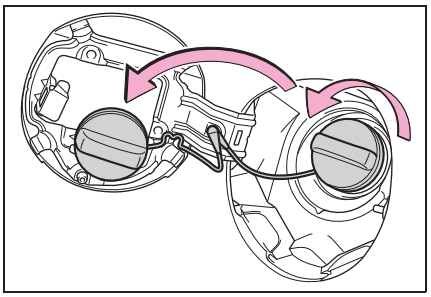
Do not spill fuel during refueling. Doing so may damage the vehicle, such as causing the emission control system to operate abnormally or damaging fuel system components or the vehicle's painted surface.

Opening the fuel tank cap

1 Pull up the opener to open the fuel filler door.

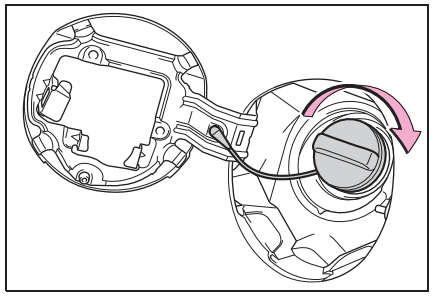


2 Turn the fuel tank cap slowly and remove it, then hang it on the back of the fuel filler door.



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.

Toyota Safety Sense software update*

*: If equipped

It is necessary to enter a connected services contract, provided by Toyota, to use these functions. For details, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

WARNING

■ For safe use

When the Toyota Safety Sense software is updated, the operating methods of functions may change. Using this system without knowing the correct operating methods may lead to an accident resulting in death or serious injury.

- Make sure to read the Digital Owner's Manual which corresponds to the software version of the system, available at the Owner's Manual website, before using this system.

Content of the Toyota Safety Sense Owner's Manual

This Owner's Manual contains information for Ver. 1. For the latest information about the controls, use, warnings/precautions, etc. of each function of Toyota Safety Sense, refer to the Digital Owner's Manual at the Owner's Manual website.

If the software of this system has been updated after initial purchase of the vehicle, before using this system, be sure to read the Owner's Manual which corresponds to the software version of the system.

■ Precautions for use

- Be aware that some functions may temporarily be disabled if a legal or safety related issue occurs.
- If a connected services contract has not been entered or has expired, software updates will not be able to be performed wirelessly.

Checking your vehicle's Toyota Safety Sense version

If the software of this system has been updated after initial purchase of the vehicle, to access the appropriate Owner's Manual, it is necessary to check the software version of the system and then visit the Owner's Manual website.

Checking the current software version on the center display

The current software version can be checked from the driving assist function update notification.

Selecting your vehicle's Toyota Safety Sense version

1 Access the following URL using a computer or smartphone:

https://www.toyota-europe.com/manual?parameter=om12q65e.

corollahbwg.2301.hev.vh



2 Select the file which includes the previously checked system version.

Updating the software

If a software update is available, a notification will be displayed on the center display. Follow the instructions displayed on the screen.

When the software is updated, the way functions are used may change and functions may be added.

For details about changes or additions, check the Owner's Manual website.

■ Software update precautions

- After a software update has been performed, it will not be possible to revert to a previous version.
- Depending on the communication environment and the content of an update, a software update may take several hours. Although an update will be suspended when the power switch is turned off, it will resume when the power switch is changed back to ON mode.
- Toyota Safety Sense can still be used while a software update is being performed.

■ In the following situations, a software update may be performed automatically:

- When a possible system issue or other safety related issue is corrected*
- When a legal issue is corrected*
- When small corrections which do not affect system operation or performance are made

*: All available updates may be installed and the software updated to the most current version.

■ Checking the driving assist function update notification.

The following items can be checked or performed.

- Software version, update details, precautions, use methods, etc.
- A link to display the software update history
- Software update

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 is necessary while performing driving operations or a system malfunction occurs, a warning message or warning buzzer will be operated. If a warning message is displayed on the display, follow the instructions displayed.
- Depending on external noise, the volume of the audio system, etc. it may be difficult to hear the warning buzzer. Also, depending on the road conditions, it may be difficult to recognize the operation of the system.

■ When it is necessary to disable the system

In the following situations, make sure to disable the system.

Failure to do so may lead to the system not operating properly, possibly leading to an accident resulting in death or serious injury.

- When the vehicle is tilted due to being overloaded or having a flat tire
- When driving at extremely high speeds
- When towing another vehicle
- When the vehicle is being transported by a truck, ship, train, etc.
- When the vehicle is raised on a lift and the tires are allowed to rotate freely
- When inspecting the vehicle using a drum tester such as a chassis dynamometer or speedometer tester, or when using an on vehicle wheel balancer
- When the vehicle is driven in a sporty manner or off-road
- When using an automatic car wash
- When a sensor is misaligned or deformed due to a strong impact being applied to the sensor or the area around the sensor
- When accessories which obstruct a sensor or light are temporarily installed to the vehicle

WARNING

- When a compact spare tire or tire chains are installed to the vehicle or an emergency tire puncture repair kit has been used
- When the tires are excessively worn or the inflation pressure of the tires is low
- When tires other than the manufacturer specified size are installed
- When the vehicle cannot be driven stably, due to a collision, malfunction, etc.

Driving assist system

■ **PCS (Pre-Collision System)**

→P.244

■ **LTA (Lane Tracing Assist)**

→P.254

■ **LDA (Lane Departure Alert)**

→P.259

■ **Emergency Driving Stop System**

→P.285

■ **AHS (Adaptive High-beam System)***

→P.224

*: If equipped

■ **AHB (Automatic High Beam)***

→P.221

*: If equipped

■ **PDA (Proactive driving assist)**

→P.264

■ **RSA (Road Sign Assist)**

→P.269

■ **Dynamic radar cruise control**

→P.273

■ **Cruise control**

→P.282

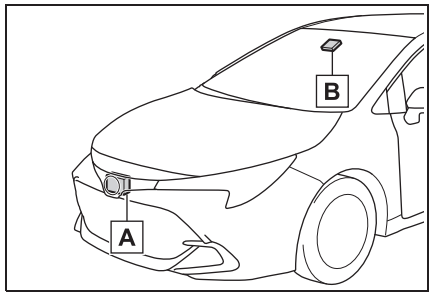
■ **Speed limiter**

→P.287

Sensors used by Toyota Safety Sense

Various sensors are used to obtain the necessary information for system operation.

■ **Sensors which detect the surrounding conditions**



A Front radar sensor

B Front camera

WARNING

■ **To prevent malfunction of the radar sensors**

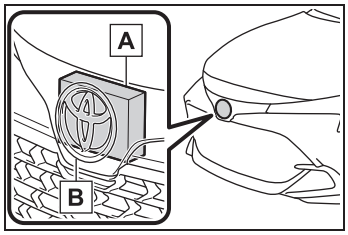
Observe the following precautions. Failure to do so may lead to a radar sensor not operating properly, possibly leading to an accident resulting in death or serious injury.

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

- Do not attach accessories, stickers (including transparent stickers), aluminum tape, etc. to a radar sensor or radar sensor cover and their surrounding area.
- Do not subject a radar sensor or its surrounding area to impact.
  If a radar sensor, the front grille, or front bumper has been subjected to a impact, have the vehicle inspected by any authorized 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 your 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 or the front grille has been replaced

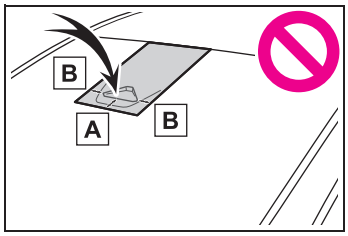
■ To prevent malfunction of the front camera

Observe the following precautions. Failure to do so may lead to the front camera not operating properly, possibly leading to an accident resulting in death or serious injury.

- Always keep the windshield clean.
  - If the windshield is dirty or covered with an oily film, water droplets, snow, etc., clean the windshield.
  - Even if a glass coating agent is applied to the windshield, it will still be necessary to use the windshield wipers to remove water droplets, etc. from the area of the windshield in front of the front camera.
  - If the inner side of the windshield where the front camera is installed is dirty, contact your any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

WARNING

- 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.)

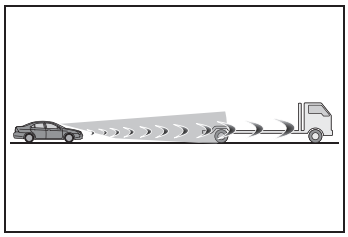
- If the part of the windshield in front of the front camera is fogged up or covered with condensation or ice, use the windshield defogger to remove the fog, condensation, or ice.
- If water droplets cannot be properly removed from the area of the windshield in front of the front camera by the windshield 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.

■ Front camera installation area on the windshield

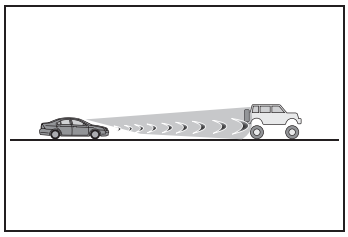
If the system determines that the windshield may be fogged up, it will automatically operate the heater to defog the part of the windshield around the front camera. When cleaning, etc., be careful not to touch the area around the front camera until the windshield has cooled sufficiently, as touching it may cause burns.

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

- When the height or inclination of the vehicle has been changed due to modifications
- When the windshield is dirty, fogged up, cracked or damaged
- When the ambient temperature is high or low
- When mud, water, snow, dead insects, foreign matter, etc., is attached to the front of the sensor
- When in inclement weather such as heavy rain, fog, snow, or a sandstorm
- When water, snow, dust, etc. is thrown up in front of the vehicle, or when driving through mist or smoke
- When the headlights are not illuminated while driving in the dark, such as at night or when in a tunnel
- When the lens of a headlight is dirty and illumination is weak
- When the headlights are misaligned
- When a headlight is malfunctioning
- When the headlights of another vehicle, sunlight, or reflected light shines directly into the front camera
- When the brightness of the surrounding area changes suddenly
- When driving near a TV tower, broadcasting station, electric power plant, radar equipped vehicles, etc., or other location where strong radio waves or electrical noise may be present
- When a wiper blade is blocking the front camera
- When in a location or near objects which strongly reflect radio waves, such as the following:
  - Tunnels
  - Truss bridges
  - Gravel roads
  - Rutted, snow-covered roads
  - Walls
  - Large trucks
  - Manhole covers
  - Guardrail
  - Metal plates
- When near a step or protrusion
- When a detectable vehicle is narrow, such as a small mobility vehicle
- When a detectable vehicle has a small front or rear end, such as an unloaded truck
- When a detectable vehicle has a low front or rear end, such as a low bed trailer



- When a detectable vehicle has extremely high ground clearance



- When a detectable vehicle is carrying a load which protrudes from its cargo area
- When a detectable vehicle has little exposed metal, such as a vehicle which is partially covered with cloth, etc.
- When a detectable vehicle is irregularly shaped, such as a tractor, sidecar, etc.
- When the distance between the vehicle and a detectable vehicle has become extremely short
- When a detectable vehicle is at an angle
- When snow, mud, etc. is attached to a detectable vehicle

- When driving on the following kinds of roads:
  - Roads with sharp curves or winding roads
  - Roads with changes in grade, such as sudden inclines or declines
  - Roads which is sloped to the left or right
  - Roads with deep ruts
  - Roads which are rough and unmaintained
  - Roads which frequently undulate or are bumpy
- When the steering wheel is being operated frequently or suddenly
- When the vehicle is not in a constant position within a lane
- When parts related to this system, the brakes, etc. are cold or extremely hot, wet, etc.
- When the wheels are misaligned
- When driving on slick road surfaces, such as when it is covered with ice, snow, gravel, etc.
- When the course of the vehicle differs from the shape of a curve
- When the vehicle speed is excessively high when entering a curve
- When entering/exiting a parking lot, garage, car elevator, etc.
- When driving in a parking lot
- When driving through an area where there are obstructions which may contact your vehicle, such as tall grass, tree branches, a curtain, etc.
- When driving in strong wind

■ Situations in which the lane may not be detected

- When the lane is extremely wide or narrow
- Immediately after changing lanes or passing through an intersection
- When driving in a temporary lane or lane regulated by construction
- When there are structures, patterns, shadows which are similar to lane lines in the surrounding
- When 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.

PCS (Pre-Collision System)

The pre-collision system uses sensors to detect objects (→P.244) in the path of the vehicle. When the system determines that the possibility of a frontal collision with a detectable object is high, a warning operates to urge the driver to take evasive action and the potential brake pressure is increased to help the driver avoid the collision. If the system determines that the possibility of a collision is extremely high, the brakes are automatically applied to help avoid the collision or help reduce the impact of the collision.

The pre-collision system can be disabled/enabled and the warning timing can be changed. (→P.253)

⚠ 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.
- 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.238

■ When to disable the pre-collision system

- When it is necessary to disable the system: →P.238

Detectable objects

The system can detect the following as detectable objects. (Detectable objects differ depending on the function.)

- Vehicles
- Bicycles*
- Pedestrians
- Motorcycles*

*: Detected as a detectable object only

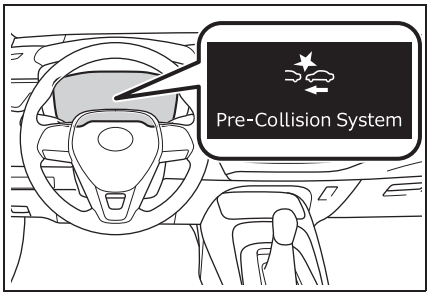
when being ridden.

System functions

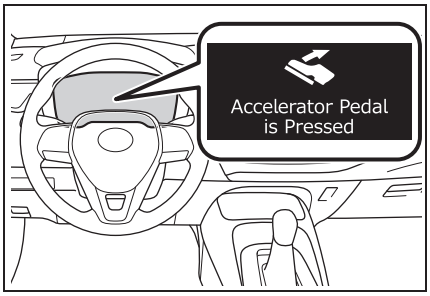
■ Pre-collision warning

When the system determines that the possibility of a collision is high, a buzzer will sound and an icon and warning message will be displayed on the multi-information display to urge the driver to take evasive action.

If the detectable object is a vehicle, moderate braking will be performed with the warning.



If the system determines that the accelerator pedal is strongly depressed, the following icon and message will be displayed on the multi-information display.



■ Pre-collision brake assist

If the system determines that the possibility of a collision is high and the brake operation by the driver is insufficient, the braking power will be increased.

■ Pre-collision brake control

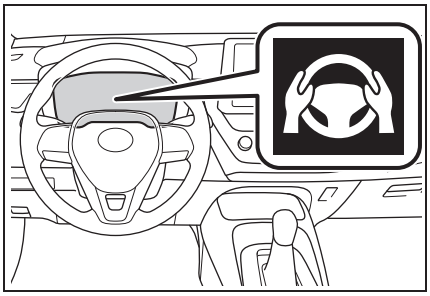
If the system determines that the possibility of a collision is extremely high, the brakes are automatically applied to help avoid the collision or reduce the impact of the collision.

■ Emergency steering assist

If the system determines that the following conditions are met, assistance will be provided to help enhance vehicle stability and prevent lane departure. During assistance, in addition to the pre-collision warning, the following icon will be displayed on the multi-information display.

- The possibility of a collision is high
- There is sufficient space within the lane to perform evasive steering maneuvers
- The driver is operating the steering wheel

During assistance, the pre-collision warning will operate and a message will be displayed to warn the driver.

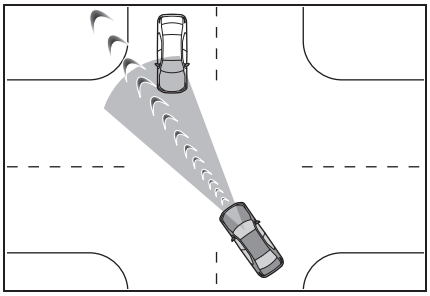


Intersection collision avoidance support (left/right turn)

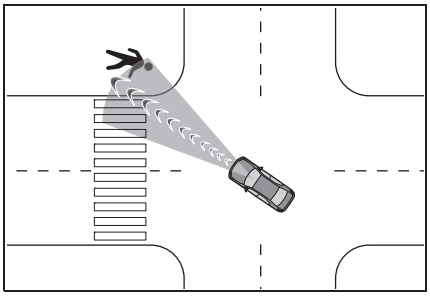
In situations such as the following, if the system determines that the possibility of a collision is high, the pre-collision warning and pre-collision braking will operate.

Depending on the intersection, assistance may not operate correctly.

- When turning left/right at an intersection and crossing the path of an oncoming vehicle

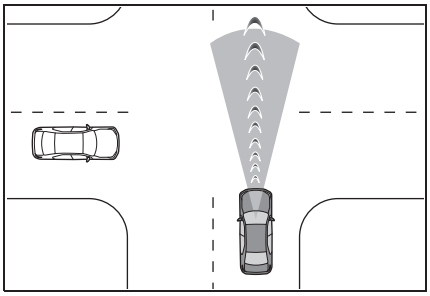


- When turning left/right and an oncoming pedestrian or bicycle is detected



Intersection collision avoidance support (crossing vehicles)

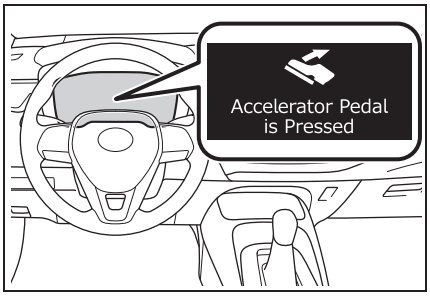
At an intersection, etc., if the system determines that the possibility of a collision with an approaching vehicle or motorcycle is high, the pre-collision warning and pre-collision braking will operate.
Depending on the intersection, assistance may not operate correctly.



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 accelera-

tion. During operation, a buzzer will sound and a warning indicator and message will be displayed on the multi-information display.



■ Suspension control

When the system determines that the possibility of a collision is high, the Adaptive Variable Suspension system (→P.326) controls the damping force of the shock absorbers to help maintain an appropriate vehicle posture.

⚠ WARNING

■ Pre-collision braking

- When the pre-collision braking function is operating, a large amount of braking force will be applied.
- The pre-collision braking function is not designed to hold the vehicle stopped. If the vehicle is stopped by pre-collision brake control, the driver should operate the brakes immediately as necessary.
- The pre-collision braking function may not operate if certain operations are performed by the driver. If the accelerator pedal is being depressed strongly or the steering wheel is being turned, the system may determine that the driver is taking evasive action and possibly prevent the pre-collision braking function from operating.
- If the brake pedal is being depressed, the system may determine that the driver is taking evasive action and possibly delay the operation timing of the pre-collision brake control.

■ Acceleration Suppression at Low Speed

If the steering wheel is being turned, the system may determine that the driver is taking evasive action and possibly prevent the Acceleration Suppression at Low Speed function from operating or possibly causing its operation to be canceled.

■ Emergency steering assist

- The emergency steering assist will be canceled when the system determines that lane departure prevention control has completed.
- Depending on operations performed by the driver, emergency steering assist may not operate or operation may be canceled.
  - 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.

WARNING

- 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 lever is in R
- When the VSC OFF indicator is illuminated (only the pre-collision warning function will be operational)

The following are the operational speeds and cancelation conditions of each function:

- Pre-collision warning

Detectable objects	Vehicle speed	Relative speed between your vehicle and object
Preceding vehicles, stopped vehicles	Approximately 5 to 180 km/h (3 to 110 mph)	Approximately 5 to 180 km/h (3 to 110 mph)
Oncoming vehicles	Approximately 30 to 180 km/h (20 to 110 mph)	Approximately 80 to 220 km/h (50 to 130 mph)
Bicycles	Approximately 5 to 80 km/h (3 to 50 mph)	Approximately 5 to 80 km/h (3 to 50 mph)
Pedestrians	Approximately 5 to 80 km/h (3 to 50 mph)	Approximately 5 to 80 km/h (3 to 50 mph)

Detectable objects	Vehicle speed	Relative speed between your vehicle and object
Preceding motorcycles, stopped motorcycles	Approximately 5 to 180 km/h (3 to 110 mph)	Approximately 5 to 80 km/h (3 to 50 mph)
Oncoming motorcycles	Approximately 30 to 180 km/h (20 to 110 mph)	Approximately 30 to 180 km/h (20 to 110 mph)

While the pre-collision warning is operating, if the steering wheel is operated heavily or suddenly, the pre-collision warning may be cancelled.

● Pre-collision brake assist

Detectable objects	Vehicle speed	Relative speed between your vehicle and object
Preceding vehicles, stopped vehicles	Approximately 30 to 180 km/h (20 to 110 mph)	Approximately 10 to 180 km/h (7 to 110 mph)
Bicycles	Approximately 30 to 80 km/h (20 to 50 mph)	Approximately 30 to 80 km/h (20 to 50 mph)
Pedestrians	Approximately 30 to 80 km/h (20 to 50 mph)	Approximately 30 to 80 km/h (20 to 50 mph)
Preceding motorcycles, stopped motorcycles	Approximately 30 to 180 km/h (20 to 110 mph)	Approximately 10 to 80 km/h (7 to 50 mph)

● Pre-collision braking

Detectable objects	Vehicle speed	Relative speed between your vehicle and object
Preceding vehicles, stopped vehicles	Approximately 5 to 180 km/h (3 to 110 mph)	Approximately 5 to 180 km/h (3 to 110 mph)
Oncoming vehicles	Approximately 30 to 180 km/h (20 to 110 mph)	Approximately 80 to 220 km/h (50 to 130 mph)
Bicycles	Approximately 5 to 80 km/h (3 to 50 mph)	Approximately 5 to 80 km/h (3 to 50 mph)
Pedestrians	Approximately 5 to 80 km/h (3 to 50 mph)	Approximately 5 to 80 km/h (3 to 50 mph)
Preceding motorcycles, stopped motorcycles	Approximately 5 to 180 km/h (3 to 110 mph)	Approximately 5 to 80 km/h (3 to 50 mph)
Oncoming motorcycles	Approximately 30 to 180 km/h (20 to 110 mph)	Approximately 30 to 180 km/h (20 to 110 mph)

If either of the following occur while the pre-collision braking function is operating, it will be canceled:

- The accelerator pedal is strongly depressed
- The steering wheel is operated heavily or suddenly

● Emergency steering assist

The emergency steering assist will not operate when the turn signal lights are flashing.

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)

While the emergency steering assist is operating, if any of the following are performed, emergency steering assist operation may be cancelled:

- The accelerator pedal is strongly depressed
- The steering wheel is operated heavily or suddenly
- The brake pedal is depressed

● Intersection collision avoidance support (left/right turn)

The intersection collision avoidance support (for left/right turning vehicles) will not operate when the turn signal lights are not flashing.

Detectable objects	Vehicle speed	Oncoming vehicle speed	Relative speed between your vehicle and object
Oncoming vehicles	Approximately 5 to 40 km/h (3 to 25 mph)	Approximately 5 to 75 km/h (3 to 45 mph)	Approximately 10 to 115 km/h (7 to 70 mph)
Pedestrians	Approximately 5 to 30 km/h (3 to 20 mph)	—	Approximately 5 to 40 km/h (3 to 25 mph)
Bicycles	Approximately 5 to 30 km/h (3 to 20 mph)	—	Approximately 5 to 50 km/h (3 to 30 mph)
Oncoming motorcycles	Approximately 5 to 40 km/h (3 to 25 mph)	Approximately 5 to 75 km/h (3 to 45 mph)	Approximately 10 to 115 km/h (7 to 70 mph)

● Intersection collision avoidance support (crossing vehicles)

Detectable objects	Vehicle speed	Crossing vehicle speed	Relative speed between your vehicle and object
Vehicles, Motorcycles (side)	Approximately 5 to 60 km/h (3 to 38 mph)	• Your vehicle speed or less • Approximately 40 km/h (25 mph) or less	Approximately 5 to 60 km/h (3 to 38 mph)

● Acceleration Suppression at Low Speed

The Acceleration Suppression at Low Speed function will not operate when the turn signal lights are flashing.

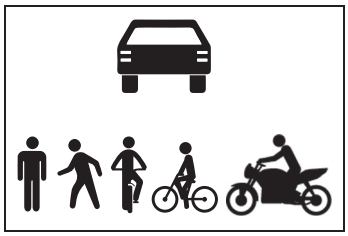
Detectable objects	Vehicle speed	Relative speed between your vehicle and object
Preceding vehicles, stopped vehicles, Pedestrians, Bicycles	Approximately 0 to 15 km/h (0 to 9 mph)	Approximately 0 to 15 km/h (0 to 9 mph)

While the Acceleration Suppression at Low Speed function is operating, if any of the following are performed, the low speed sudden acceleration suppression function operation will be cancelled:

- The accelerator pedal is released.
- The steering wheel is operated heavily or suddenly

■ Detection of detectable objects

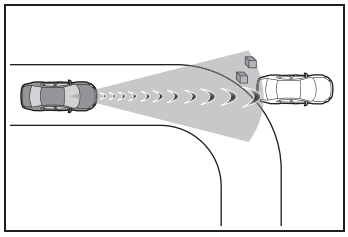
Objects are detected based on their size, shape, and movement.
Depending on the ambient brightness, movement, posture and direction of a detectable object, it may not be detected and the system may not operate properly.
The system detects shapes, such as the following, as detectable objects.



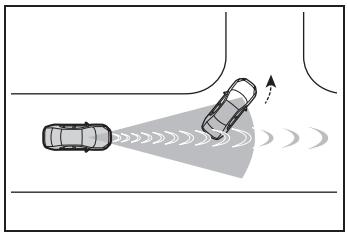
■ Situations in which the system may operate even though the possibility of a collision is not high

● In certain situations, such as the following, the system may determine that the possibility of a collision is high and operate:

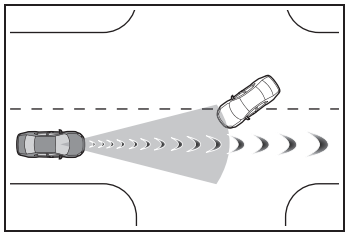
- When passing a detectable object
- When changing lanes while overtaking a detectable object
- When suddenly approaching a detectable object
- When approaching a detectable object or other object on the roadside, such as guardrails, utility poles, trees, walls, etc.
- When there is a detectable object or other object by the roadside at the entrance of a curve



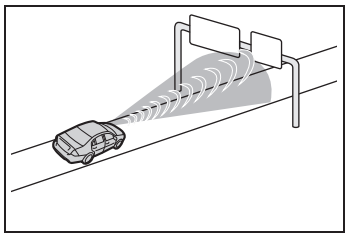
- When there are patterns or a painting ahead of the vehicle that may be mistaken for a detectable object
- When passing a detectable object that is changing lanes or turning left/right



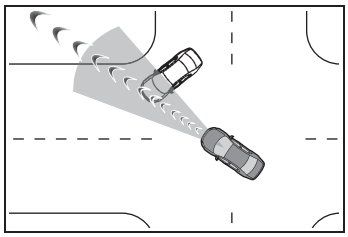
- When passing a detectable object which is stopped to make a left/right turn



- When a detectable object stops immediately before entering the path of the vehicle
- When passing through a location with a structure above the road (traffic sign, billboard, etc.)



- When approaching an electric toll gate barrier, parking lot barrier, or other barrier that opens and closes
- When turning left/right and an oncoming vehicle, oncoming motorcycle, pedestrian or bicycle crosses in front of the vehicle
- When attempting to turn left/right in front of an oncoming vehicle, oncoming motorcycle, pedestrian or bicycle
- When turning left/right and an oncoming vehicle, oncoming motorcycle, pedestrian or bicycle stops or changes course immediately before entering the path of the vehicle
- When turning left/right and an oncoming vehicle turns left/right in front of the vehicle



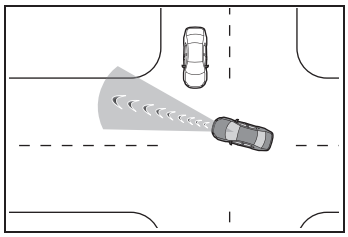
- When the steering wheel is operated toward the path of an oncoming vehicle

Situations in which the system may not operate properly

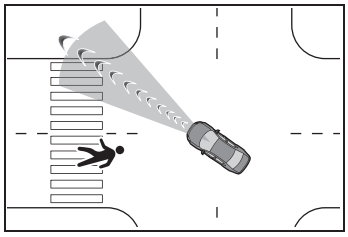
● In certain situations, such as the following, a detectable object may not be detected by the front sensors, and the system may not operate properly:

- 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 or bicycle is bending forward or squatting
- When a pedestrian or bicycle is moving at high speed
- When a pedestrian is pushing a stroller, wheelchair, bicycle or other vehicle
- When a detectable object blends in with the surrounding area, such as when it is dim (at dawn or dusk) or dark (at night or in a tunnel)
- When the vehicle has not been driven for a certain amount of time after the hybrid system was started
- While turning left/right or a few seconds after turning left/right
- While driving around a curve and a few seconds after driving around a curve
- When turning left/right and an oncoming vehicle is driving in a lane 3 or more lanes from the vehicle
- When turning left/right and the direction of the vehicle differs greatly from the direction traffic flows in the oncoming lane



- When turning left/right and approaching a pedestrian or bicycle which was traveling in the same direction as the vehicle and continues straight



● 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

Changing the pre-collision setting

● The pre-collision system can be enabled/disabled through a customize setting. (→P.513)

The system is enabled each time the power switch is turned to ON.

● When the system is disabled, the PCS warning light will illuminate and a message will be displayed

on the multi-information display.

- The pre-collision setting can be changed on the customize settings. (→P.513)
- When the pre-collision warning timing is changed, the emergency steering assist timing will also be changed.
  When “Later” is selected, the emergency steering assist (excluding the active steering function) will not operate in most cases.
- When the dynamic radar cruise control is operating, the pre-collision warning will operate at the “Earlier” timing, regardless of the user setting.

LTA (Lane Tracing Assist)

LTA functions

- When driving on a road with clear lane lines with the dynamic radar cruise control operating, lane lines and preceding and surrounding vehicles are detected using the front camera and radar sensor, and the steering wheel is operated to maintain the vehicle’s lane position.

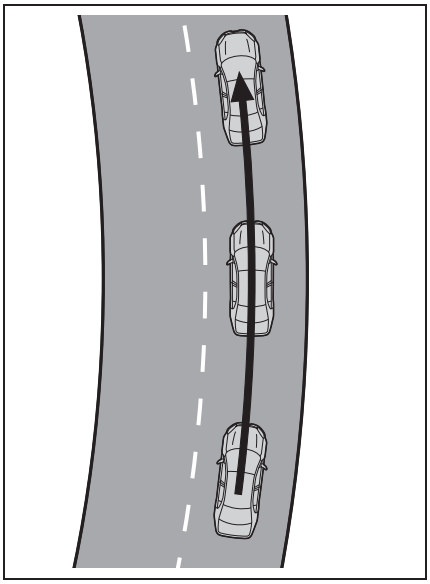
Use this function only on highways and expressways.

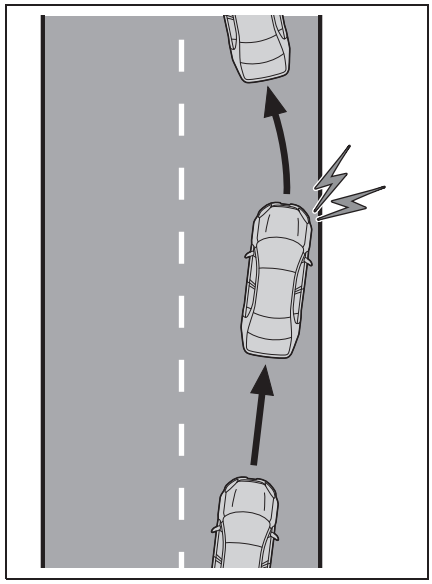
If the dynamic radar cruise control is not operating, the function will not operate.

In situations where the lane lines are difficult to see or are not visible, such as when in a traffic jam, support will be provided using the path of preceding and surrounding vehicles.

If the system determines that the steering wheel has not been operated for a certain amount of time or the steering wheel is not being firmly gripped, the driver will be alerted via a display and this function will be temporarily canceled.

If the steering wheel is firmly gripped, the function will begin operating again.





- When the function is operating, if the vehicle is likely to depart from its lane, the driver will be alerted via a display and buzzer.

When the buzzer sounds, check the area around the vehicle and carefully operate the steering wheel to move the vehicle back to the center of the lane.

WARNING

■ Before using the LTA system

- Do not overly rely on the LTA system. The LTA system is not a system which provides automated assistance in driving and it is not a system which reduces the amount of attention necessary for safe driving. The driver is solely responsible for paying attention to their surroundings and operating the steering wheel as necessary to ensure safety. Also, the driver is responsible for taking adequate breaks when fatigued, such as when driving for a long time.
- Failure to perform appropriate driving operations and pay careful attention may lead to an accident.
- When not using the LTA system, turn it off using the LTA switch.

■ Operating conditions of function

This function is operable when all of the following conditions are met:

- The LTA system detects lane lines or

the path of preceding or surrounding vehicles.

- The dynamic radar cruise control is operating.
- The lane width is approximately 3 to 4 m (10 to 13 ft.).
- The turn signal lever is not being operated.
- The vehicle is not being driven around a sharp curve.
- The vehicle is not accelerating or decelerating more than a certain amount.
- The steering wheel is not being turned with a large force.
- The hands off steering wheel warning (→P.256) 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.255)
- If the operating conditions of a function are no longer met while the function is operating, a buzzer may sound to indicate that the function has been temporarily canceled.
- The steering assist operation of the function can be overridden by the steering wheel operation of the driver.

■ Lane departure warning function when the LTA is operating

- Even if the LDA warning method is changed to vibration of the steering wheel, if the vehicle deviates from the lane while the LTA is operating, the warning buzzer will sound to alert the driver.
- If steering wheel operation equivalent to that necessary for a lane change is detected, the system will determine the vehicle is not deviating from the lane and the warning will not operate.

■ Hands off steering wheel warning operation

- When the system determines the driver is not holding the steering wheel, a message urging the driver to grip the steering wheel and the icon shown in the illustration will be displayed on the multi-information display to warn the driver. If the system detects that the steering wheel is held, the warning will be canceled. When using the system, make sure to grip the steering wheel firmly, regardless of whether the warning is operating or not.



- If no operations are detected for a certain amount of time, the warning will operate and the function will be temporarily canceled. This warning may also operate if the driver only operates steering wheel a small amount continuously.

■ Situations in which the hands off steering wheel warning may not operate properly

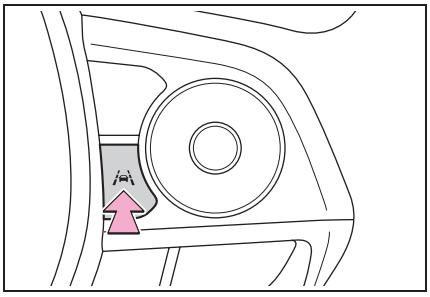
- Depending on the condition of the vehicle, handle control condition and road surface, the warning function may not operate.

Enabling/disabling the system

The LTA will change between enabled/disabled each time the LTA switch is pressed.

When the LTA is enabled, the LTA indi-

cator will illuminate.

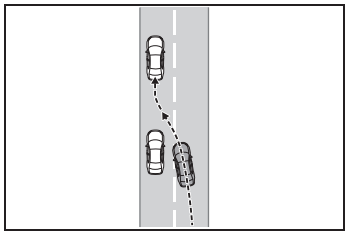


WARNING

■ Situations in which the functions may not operate properly

In the following situations, the functions may not operate properly and the vehicle may depart from its lane. Do not overly rely on these functions. The driver is solely responsible for paying attention to their surroundings and operating the steering wheel as necessary to ensure safety.

- When a preceding or surrounding vehicle changes lanes (Your vehicle may follow the preceding or surrounding vehicle and also change lanes)



- When a preceding or surrounding vehicle is swaying (Your vehicle may sway accordingly and depart from the lane)
- When a preceding or surrounding vehicle departs from a lane (Your vehicle may follow the preceding or surrounding vehicle and also depart from the lane)
- 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 may not operate properly: →P.242
- Situations in which the lane may not be detected: →P.243
- When it is necessary to disable the system: →P.238

Operation display of steering wheel operation support

The operating state of the LTA system is indicated.

Indicator	Lane display	Steering icon	Situation
 White	 Grey/White	 Grey	LTA is on standby
 Green	 Green	 Green	LTA is operating
 Orange Flashing	 Orange Flashing	 Green	The vehicle is departing the lane toward the side which the lane display is flashing

LDA (Lane Departure Alert)

Basic functions

The LDA system warns the driver if the vehicle may deviate from the current lane or course*, and also can slightly operate the steering wheel to help avoid deviation from the lane or course*.

The front camera is used to detect lane lines or a course*.

*: Boundary between the asphalt and grass, soil, etc., or structures, such as a curb, guardrail, etc.

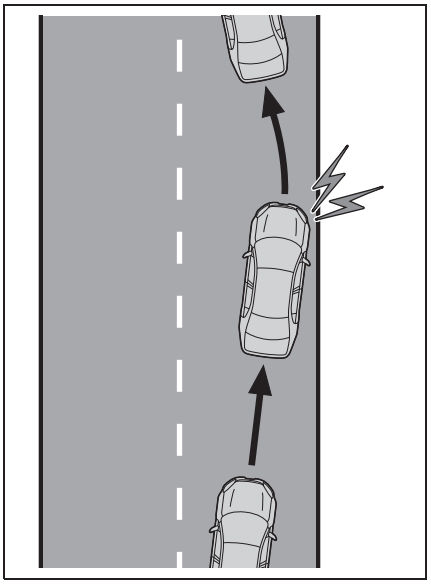
■ Lane departure alert function

When the system determines that the vehicle might depart from its lane or course*, a warning is displayed on a display, and either a warning buzzer will sound or the steering wheel will vibrate to alert the driver.

Check the area around your vehicle and carefully operate the steering wheel to move the vehicle back to the center of the lane or course*.

Vehicles with BSM: If the system determines that the vehicle may collide with a vehicle in an adjacent lane, the lane departure alert will operate even if the turn signals are operating.

*: Boundary between the asphalt and grass, soil, etc., or structures, such as a curb, guardrail, etc.



■ Lane departure prevention function

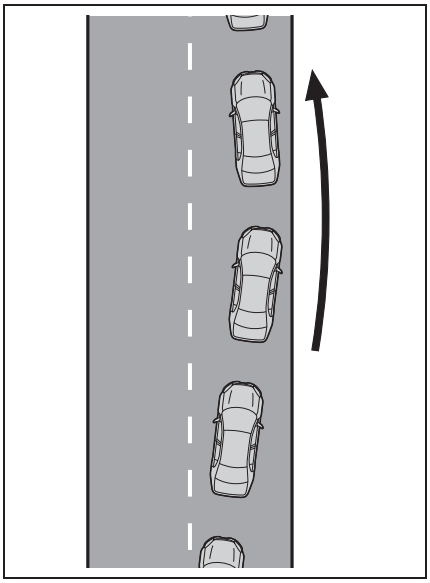
If the system determines that the vehicle is likely to depart from its lane or course*, it provides assistance through steering wheel operations to help avoid deviation from the lane or course.

If the system determines that the steering wheel has not been operated for a certain amount of time or the steering wheel is not being firmly gripped, a warning message may be displayed and a warning buzzer may sound to alert the driver.

Vehicles with BSM: If the system determines that the vehicle may collide with a vehicle in an adjacent lane, the lane departure prevention function will operate even if the turn signals are operating.

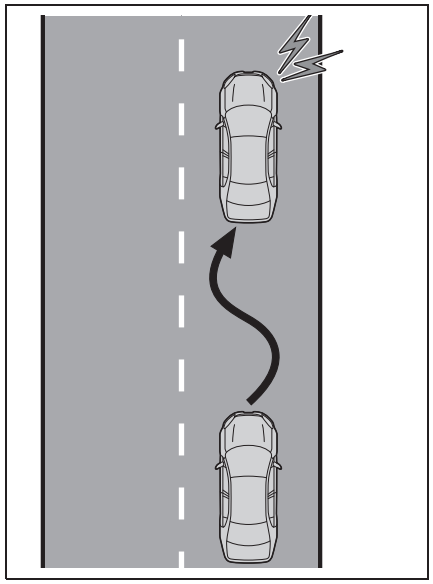
*: Boundary between the asphalt and grass, soil, etc., or structures, such

as a curb, guardrail, etc.



■ Break suggestion function

If the vehicle is swaying, a message will be displayed and a warning buzzer will sound to urge the driver to take a break.



⚠ WARNING

■ Before using the LDA system

- Do not overly rely on the LDA system. The LDA system is not a system which provides automated assistance in driving and it is not a system which reduces the amount of attention necessary for safe driving. The driver is solely responsible for paying attention to their surroundings and operating the steering wheel as necessary to ensure safety. Also, the driver is responsible for taking adequate breaks when fatigued, such as when driving for a long time.
- Failure to perform appropriate driving operations and pay careful attention may lead to an accident.

■ Operating conditions of each function

- Lane departure alert/prevention function

This function is operable when all of the following conditions are met:

- The vehicle speed is approximately 50 km/h (30 mph) or more.

Operation may be possible when the vehicle speed is approximately 40 km/h (25 mph) or more if vehicles, motorcycles, bicycles, or pedestrians are detected near the lane.

- The system recognizes a lane or course*. (When recognized on only one side, the system will operate only for the recognized side.)
- The lane width is approximately 3 m (9.8 ft.) or more.
- The turn signal lever is not being operated. (Vehicles with BSM: Except when a vehicle is detected in the direction that the turn signal lever is operated.)
- The vehicle is not being driven around a sharp curve.
- The vehicle is not accelerating or decelerating more than a certain amount.
- The steering wheel is not being turned sufficiently to perform a lane change.

*: Boundary between the asphalt and grass, soil, etc., or structures, such as a curb, guardrail, etc.

■ Temporary cancellation of functions

When the operating conditions are no longer met, a function may be temporarily canceled. However, when the operation conditions are met again, operation of the function will automatically be restored. (→P.260)

■ Operation of the lane departure alert function/lane departure prevention function

- Depending on the vehicle speed, road conditions, lane departure angle, etc., operation of the lane departure prevention function may not be felt or the function may not operate.
- Depending on the conditions, the warning buzzer may operate even if vibration is selected through a customize setting.
- If a course* is not clear or straight, the lane departure alert function or lane departure prevention function may not operate.
- The lane departure alert function or lane departure prevention function may not operate if the system judges that the vehicle is intentionally being steered to avoid a pedestrian or parked vehicle.
- Vehicles with BSM: It may not be possible for the system to judge if there is danger of a collision with a vehicle in an adjacent lane.
- The steering assist operation of the lane departure prevention function can be overridden by the steering wheel operation of the driver.

*: Boundary between the asphalt and grass, soil, etc., or structures, such as a curb, guardrail, etc.

■ Hands off steering wheel warning operation

In the following situations, a message urging the driver to operate the steering wheel and an icon will be displayed and a buzzer will sound to warn the driver. When using the system, make sure to grip the steering wheel firmly, regardless of whether the warning is operating or not.



- When the system determines that the driver is not securely holding the steering wheel, or the steering wheel is not being operated when the steering assist operation of the lane departure prevention function is operating

The length of time that the warning buzzer operates will become longer as

the frequency of the steering assist operating increases. Even if the system judges that the steering wheel has been operated, the warning buzzer will sound for a certain amount of time.

■ **Break suggestion function**

This function is operable when all of the following conditions are met:

- The vehicle speed is approximately 50 km/h (32 mph) or more.
- The lane width is approximately 3 m (9.8 ft.) or more.



Depending on the condition of the vehicle and road surface, the break suggestion function may not operate.

Changing LDA settings

- The LDA system can be enabled/disabled through a customize setting. (→P.513)
- The settings of the LDA can be changed on the customize settings. (→P.513)

WARNING

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

In the following situations, the system may not operate properly and the vehicle may depart from its lane. Do not overly rely on these functions. The driver is solely responsible for paying attention to their surroundings and operating the steering wheel as necessary to ensure safety.

- When the boundary between the asphalt and grass, soil, etc., or structures, such as a curb, guardrail, etc. is not clear or straight
- When the vehicle is struck by a crosswind or the turbulence of other nearby vehicles
- Situations in which the lane may not be detected: →P.243
- Situations in which the sensors may not operate properly: →P.242
- Situations in which some or all of the functions of the system cannot operate: →P.243
- When it is necessary to disable the system: →P.238

Displays and system operation

The operating state of the lane departure alert function and steering assist operation of the lane departure prevention function are indicated.

Indicator	Lane display	Steering icon	Situation
 Orange Illuminated	Not illuminated	Not illuminated	System disabled
Not illuminated	 Grey	Not illuminated	Lane lines are not detected by the system
Not illuminated	 White	Not illuminated	Lane lines are detected by the system
 Orange Flashing	 Orange Flashing	Not illuminated	Lane departure alert function is operating for the side which the lane display is flashing
 Green	 Green	 Green	Lane departure prevention function is operating for the side which the lane display is illuminated
 Orange Flashing	 Orange Flashing	 Green	Lane departure alert function/lane departure prevention function is operating for the side which the lane display is flashing

PDA (Proactive driving assist)*

*: If equipped

When a detectable object (→P.265) is detected, the proactive driving assist operates the brakes and steering wheel to help prevent the vehicle from approaching too close to the object.

⚠ WARNING

■ For safe use

Driving safely is solely the responsibility of the driver.

- The proactive driving assist is designed to provide some assistance for regular braking and steering operations, as well as helping to prevent the vehicle from approaching too close to a detectable object. However, the scope of this assistance is limited.

The driver should perform brake and steering operations as necessary. Read the following items carefully. Do not overly rely on the proactive driving assist and always drive carefully.(→P.266)

- The proactive driving assist is not a system which reduces the amount of attention necessary for safe driving. Even if the system is operating correctly, the surrounding conditions as recognized by the driver and detected by the system may differ. It is necessary for the driver to pay attention, assess risks, and ensure safety. Over-reliance on this system to drive the vehicle safely may lead to an accident resulting in death or serious injury.
- Proactive driving assist is not a system which allows for inattentive driving and is not a system which assists in poor visibility conditions. The driver is solely responsible for paying attention to their surroundings and driving safely.

■ When turning proactive driving assist off

- Situations in which the sensors may not operate properly :→P.242
- When it is necessary to disable the system :→P.238

System operating conditions and detectable objects

According to the driving conditions, the operation and detectable objects of the proactive driving assist will change as follows.

Function	Conditions	Operation	Detectable objects
Obstacle Anticipation Assist	A detectable object is detected crossing the road	Assistance with some brake operations is provided in order to reduce the possibility of a collision.	• Pedestrians • Bicyclists
	A detectable object is detected on the side of the road	Assistance with some brake and steering wheel operations are provided according to the surrounding conditions to help prevent the vehicle from approaching too close to a detected object.	• Pedestrians • Bicyclists • Parked vehicles
		Assistance with steering wheel operations is provided within a range that the vehicle will not deviate from its current lane.	
Deceleration Assist	A preceding vehicle or an adjacent vehicle cutting in front of the vehicle is detected	The vehicle is gently decelerated so that the vehicle-to-vehicle distance will not be excessively short.	• Preceding vehicles • Motorcycles
	A curve is detected ahead of the vehicle	The vehicle is gently decelerated if the vehicle speed is determined to be too high for the curve ahead.	None

■ Vehicle speeds at which the system can operate

● Detectable object crossing the road assistance

Approximately 30 to 60 km/h (20 to 35 mph)

● Detectable object on the side of the road assistance

Approximately 30 to 60 km/h (20 to 35 mph)

● Preceding vehicle deceleration assistance

Approximately 20 km/h (15 mph) or more

● Curve deceleration assistance

Approximately 20 km/h (15 mph) or more

■ System operation will be canceled when

● In the following situations, system operation will be canceled :

- When the dynamic radar cruise control or cruise control is operating
- When the PCS is off
- Situations in which some or all of the functions of the system cannot operate :→P.242
- When the P, R or N shift position is selected

● In the following situations, the brake operation assist will be canceled :

- Approximately 15 km/h (9 mph) or less
- When a certain vehicle speed has been reached, as judged by the system, according to the surrounding conditions

● In the following situations, system operation may be canceled :

- When the brake control or output restriction control of a driving support system operates
  (For example: PCS, drive-start control)
- When the system determines that a detected object has moved away from the vehicle
- When lane lines can no longer be detected
- When the brake pedal has been depressed
- When the accelerator pedal has been depressed
- When the steering wheel has been operated with more than a certain amount of force
- When the turn signal lever is operated to the left/right turn position

⚠ WARNING

■ Situations in which the system may not operate properly

● Situations in which the lane may not be detected :→P.243

● When a detectable object stops immediately before entering the path of the vehicle

● When passing extremely close to a detectable object behind a guardrail, fence, etc.

● When changing lanes while overtaking a detectable objec

● 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

WARNING

- When there is a structure above a detectable object
- When part of a detectable object is hidden by another object (large luggage, umbrella, guardrail, etc.)
- When multiple detectable objects are overlapping
- When a bright light, such as the sun or headlights of another vehicle, is reflecting off of the detectable object
- When the detectable object is white and looks extremely bright
- When the color or brightness of the detectable object causes it to blend in with its surroundings
- When a detectable object cuts in front of or emerges from beside a vehicle
- When approaching a vehicle ahead which is perpendicular or at an angle to the vehicle, or is facing the vehicle
- If a parked vehicle is perpendicular or at an angle to the vehicle
- When a bicycle is a child sized bicycle, is carrying a large load, is carrying an extra passenger, or has an unusual shape (bicycles equipped with a child seat, tandem bicycles, etc.)
- When a pedestrian or bicyclist is shorter than approximately 1 m (3.2 ft.) or taller than approximately 2 m (6.5 ft.)
- When the silhouette of a pedestrian or bicyclist is unclear (such as when they are wearing a raincoat, long skirt, etc.)
- When a pedestrian or bicyclist is bending forward or squatting
- When a pedestrian or bicyclist is moving at high speed
- When a pedestrian is pushing a stroller, wheelchair, bicycle or other vehicle
- When a detectable object blends in with the surrounding area, such as when it is dim (at dawn or dusk) or dark (at night, in a tunnel, etc.)
- When the lane width is 4 m (13.1 ft.) or more
- When the lane width is 2.5 m (8.2 ft.) or less
- When the vehicle has not been driven for a certain amount of time after the hybrid system was started
- While turning left or right or a few seconds after turning left or right
- While changing lanes or a few seconds after changing lanes
- When entering a curve, driving around a curve and a few seconds after driving around a curve

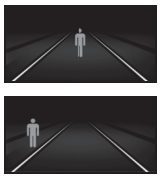
Changing proactive driving assist settings

- The proactive driving assist can be enabled/disabled through a customize setting. (→P.513)
- The following settings of the proactive driving assist can be changed through customize settings.(→P.513)

System operation display

Depending on the situation, the following indicators or icons will be displayed.

Some icons cannot be displayed unless the display is changed to the driving safety support function information screen.

Icon	Meaning
	• White: Monitoring for detectable objects • Green: Detectable object crossing the road or detectable object on the side of the road assistance operating
	A pedestrian has been detected as crossing the road or on the side of the road and brake or steering assistance is operating
	A vehicle has been detected on the side of the road and brake or steering operation assistance is being performed
	Steering operation assistance is being performed to prevent the vehicle from approaching too close to a detectable object on the side of the road
	Preceding vehicle deceleration assistance is being performed
	Warning to maintain appropriate vehicle-to-vehicle distance
	Curve deceleration assistance is being performed

Hands off steering wheel warning operation

In the following situations, a message urging the driver to grip the steering wheel and the icon shown in the illustration will be displayed on the display to warn the driver. If the system detects that the steering wheel is held, the warning will be canceled. When using the system, make sure to grip the steering wheel firmly, regardless of whether the

warning is operating or not.



- When assistance to a detectable object crossing the road or assistance to a detectable object on the side of the road is performed and the system determines the driver is not holding the steering wheel

If no operations are detected for a certain amount of time, a buzzer will sound, the warning will operate. This warning may also operate if the driver only operates steering wheel a small amount continuously.

■ Warning operation after preceding vehicle deceleration assistance has ended

After preceding vehicle deceleration assistance has ended, if the driver does not operate the brake pedal or accelerator pedal and the vehicle approaches the preceding vehicle, the display will flash and a buzzer will sound to urge the driver to decelerate. If the system determines that the driver is operating the brake pedal or accelerator pedal, the warning will be canceled.



RSA (Road Sign Assist)

The RSA system detects specific road signs using the front camera and/or navigation system (when speed limit information is available) and warns the driver via displays and buzzers.

⚠ 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.
- Do not rely solely upon the RSA. The RSA assists the driver by providing road sign information, but it is not a replacement for the driver's own vision and awareness. Driving safely is solely the responsibility of the driver. Pay careful attention to the surrounding conditions in order to ensure safe driving.

■ Situations in which the RSA should not be used

- When it is necessary to disable the system: →P.238

■ Situations in which the system may not operate properly

- Situations in which the sensors may not operate properly: →P.242

Display Function

- When the front camera detects a sign or information of a sign is available from the navigation system, the sign will be displayed on the display.
- Multiple signs can be displayed.

Depending on the specifications of the vehicle, the number of displayed signs may be limited.

■ **Operating conditions of sign display**

Signs will be displayed when the following conditions are met:

- The system has detected a sign

In the following situations, a displayed sign may stop being displayed:

- When a new sign has not been detected for a certain distance
- When the system determines that the road being driven on has changed, such as after a left or right turn

■ **Situations in which the display function may not operate properly**

In the following situations, the RSA system may not operate properly and may not detect signs or may display the incorrect sign. However, this does not indicate a malfunction.

- When a sign is dirty, faded, tilted or bent
- When the contrast of an electronic sign is low
- When all or part of a sign is hidden by a tree, utility pole, etc.
- When a sign is detected by the front camera for a short amount of time
- When the driving state (turning, changing lanes, etc.) is judged incorrectly
- When a sign is immediately after a freeway junction or in an adjacent lane just before merging
- When stickers are attached to the rear of a preceding vehicle
- When a sign similar to a system compatible sign is detected as a system compatible sign
- When a speed limit sign for a frontage road is within detection range of the front camera
- When driving around a roundabout
- When a sign intended for trucks, etc. is detected
- When the vehicle is driven in a country with a different direction of traffic
- When the navigation system map data is out of date
- When the navigation system cannot be used

In this case, the speed limit signs displayed on the multi-information display and navigation system display may differ.

Notification function

In the following situations, the RSA system will output a warning to notify the driver.

- If the vehicle speed exceeds the speed warning threshold of the speed limit sign displayed on the display, the sign display will be emphasized and a buzzer will sound.
- When the RSA system detects a no-entry sign and determines that the vehicle has entered the no-entry area based on the map information of the navigation system, the no-entry sign displayed on the multi-information display will flash and a buzzer will sound. (vehicles with a navigation system)

■ **Operating conditions of the notification functions**

- Excess speed notification function

This function will operate when the following condition is met:

• A speed limit road sign is recognized

by the system.

● No entry notification function

This function will operate when all of the following conditions are met:

- More than one no entry road signs are recognized by the system simultaneously.
- The vehicle is passing between no entry road signs recognized by the system.
- The vehicle is equipped with an on-board navigation system.

Types of road signs supported

● The following types of road signs can be displayed.

However, non-standard or recently introduced traffic signs may not be displayed.

▶ Speed limit road signs*

	Speed limit begins/Maximum speed zone begins
	Speed limit ends/Maximum speed zone ends

*: No speed limt information (--) is displayed when neither speed limit road sign nor speed limit related information is available.

▶ Speed limit related information*1, 2

	Motorway
	Motorway exit
	Expressway
	Expressway exit
	Urban area beginning
	Urban area ending
	Residential area beginning
	Residential area ending
	Residential area beginning
	Residential area ending

*1: Displayed when a sign is detected but speed limit information for the road is not available from the navigation system.

*2: No speed limt information (--) is displayed when neither speed limit road sign nor speed limit related information is available.

▶ No overtaking road signs

	No overtaking begins
	No overtaking ends

▶ Other road signs

	No-entry*
	End of prohibition
	Stop
	Warning

*: For vehicles with navigation system

▶ Speed limit with supplemental mark*1

	Wet
	Rain
	Ice
	Supplemental mark exists*2
	Exit ramp on right
	Exit ramp on left
	Time

*1: Displayed simultaneously with a speed limit sign.

*2: Content not recognized.

- Depending on the specifications of the vehicle, signs may be displayed overlapping.

	Duplicate display example

Changing RSA settings

The following settings of the RSA can be changed through customize settings. (→P.513)

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.279

- 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.
- Even if the system is operating correctly, the condition of a preceding vehicle as recognized by the driver and detected by the system may differ. Therefore, it is necessary for the driver to pay attention, assess risks, and ensure safety. Over-reliance on this system to drive the vehicle safely may lead to an accident resulting in death or serious injury.

■ **Precautions for the driving assist systems**

Observe the following precautions, as there are limitations to the assistance provided by the system. Over-reliance on this system may lead to an accident resulting in death or serious injury.

- Details of support provided for the driver's vision

The dynamic radar cruise control is only intended to help the driver in determining the distance between the driver's own vehicle and a designated preceding vehicle. It is not a system which allows for careless or inattentive driving, and is not a system which assists in poor visibility conditions.

The driver must pay attention to their surroundings, even when the vehicle stops.

- Details of support provided for the driver's judgement

The dynamic radar cruise control determines whether the distance between the driver's own vehicle and a designated preceding vehicle is within a set range. It is not capable of making any other type of judgement. Therefore, it is absolutely necessary for the driver to remain vigilant and to determine whether or not there is a possibility of danger.

- Details of support provided for the driver's operation

WARNING

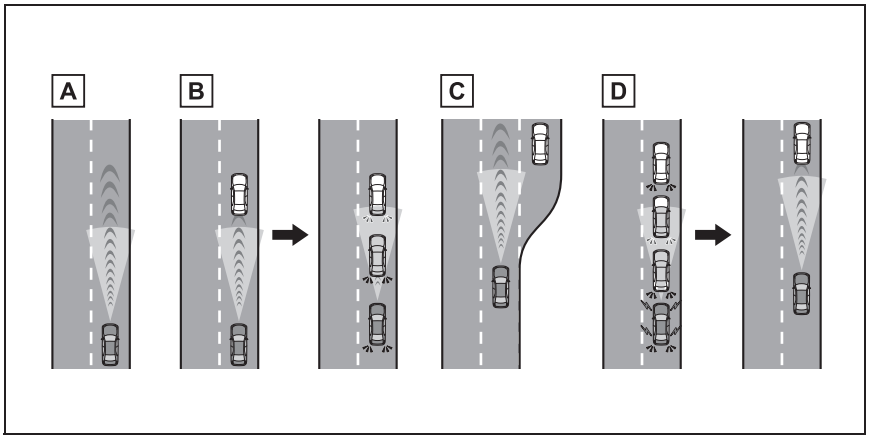
The dynamic radar cruise control does not include functions which will prevent or avoid collisions with vehicles ahead of your vehicle. Therefore, if there is ever any possibility of danger, the driver must take immediate and direct control of the vehicle and act appropriately in order to ensure safety.

■ Situations in which the dynamic radar cruise control should not be used

Do not use the dynamic radar cruise control in the following situations. As the system will not be able to provide appropriate control, using it may lead to an accident resulting in death or serious injury.

- Roads where there are pedestrians, cyclists, etc.
- When driving on a highway or expressway entrance or exit
- When the approach warning sounds frequently
- Situations in which the sensors may not operate properly: →P.238
- Situations in which the lane may not be detected: →P.243

Basic functions



A Constant speed cruising:
When there are no vehicles ahead

The vehicle drives at the speed set by the driver.

If the set vehicle speed is exceeded while driving down a hill, the set vehicle speed display will blink and a buzzer will sound.

B Deceleration and follow-up cruising
When a preceding vehicle driving slower than the set vehicle speed is detected

When a vehicle is detected driving ahead of your vehicle, the vehicle automatically decelerates and if a greater reduction in vehicle speed is necessary, the brakes are applied (the stop lights will come on at this time). The vehicle is controlled to maintain the vehicle-to-vehicle distance set by the driver, in accordance with changes in the speed of the preceding vehicle. If vehicle deceleration is not sufficient and the vehicle approaches the vehicle ahead, the approach warning will sound.

C Acceleration
When there are no longer any preceding vehicles driving slower than the set vehicle speed

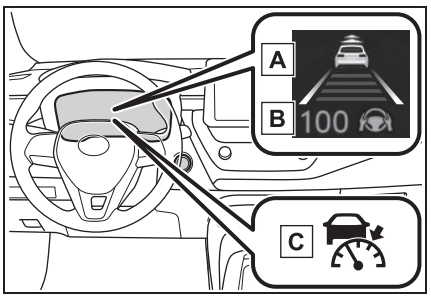
The vehicle accelerates until the set vehicle speed is reached and then resumes constant speed cruising.

D Starting off :
If a preceding vehicle stops, the vehicle will also stop (controlled stop). After the preceding vehicle starts off, pressing the “RES” switch or depressing the accelerator pedal will resume follow-up cruising (start off operation). If a start off operation is not performed, the controlled stop

will continue.

System Components

■ Meter display

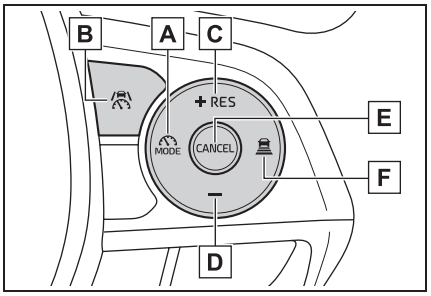


A Multi-information display

B Set vehicle speed

C Indicators

■ Switches



A Driving assist mode select switch

B Driving assist switch

C "+" switch / "RES" switch

D "-" switch

E Cancel switch

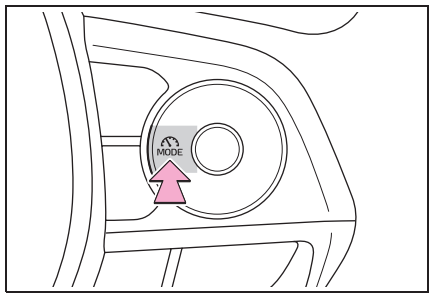
F Vehicle-to-vehicle distance switch

Using the dynamic radar cruise control

Setting the vehicle speed

1 Press the driving assist mode select switch to select dynamic radar cruise control.

The dynamic radar cruise control indicator will illuminate.

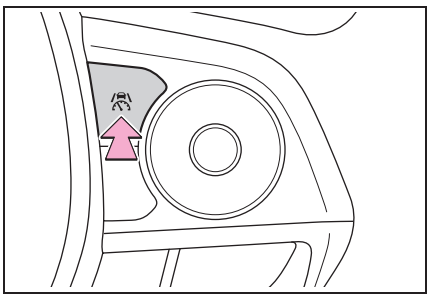


2 Using the accelerator pedal, accelerate or decelerate to the desired vehicle speed (approximately 30 km/h [20 mph] or more), and press the driving assist switch to set the set vehicle speed.

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

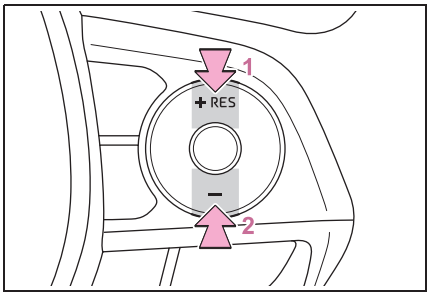
speed.



Adjusting the set vehicle speed

- Adjusting the set vehicle speed using the switches

To change the set vehicle speed, press the “+” or “-” switch until the desired speed is displayed.



1 Increase set vehicle speed

2 Decrease set vehicle speed

Short press adjustment: Press the switch

Long press adjustment: Press and hold the switch until the desired set vehicle speed is reached.

The set vehicle speed will increase or decrease as follows:

Short press adjustment: By 1 km/h (0.6 mph) or 1 mph (1.6 km/h) each time the switch is pressed

Long press adjustment: Increases or decreases in 5 km/h (3.1 mph) or 5 mph (8 km/h) increments continuously while the switch is pressed and held

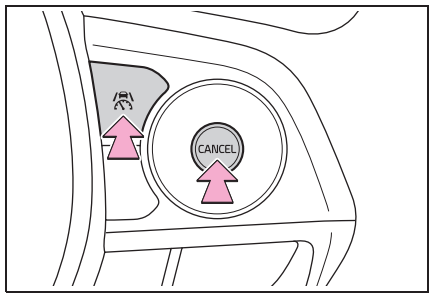
The set vehicle speed adjustment increment can be changed through a customize setting.

- Increasing the set vehicle speed using the accelerator pedal

1 Depress the accelerator pedal to accelerate the vehicle to the desired vehicle speed.

2 Press the “+” switch.

Canceling/resuming control



1 Press the cancel switch or driving assist switch to cancel control.

Control will also be canceled if the brake pedal is depressed.

(If the vehicle has been stopped by system control, depressing the brake pedal will not cancel control.)

2 Press the “RES” switch to resume control.

Changing the vehicle-to-vehicle distance

Each time the switch is pressed, the vehicle-to-vehicle distance setting will change as follows:

If a preceding vehicle is detected, the preceding vehicle mark will be displayed.

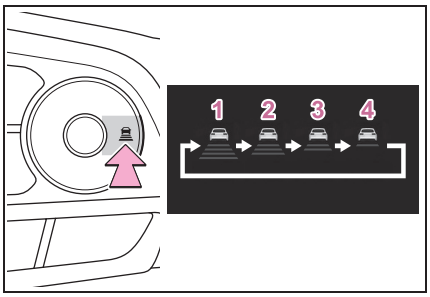


Illustration Number	Vehicle-to-vehicle distance	Approximate Distance (Vehicle Speed: 100 km/h [60 mph])
1	Extra long	Approximately 60 m (200 ft.)
2	Long	Approximately 45 m (145 ft.)
3	Medium	Approximately 30 m (100 ft.)
4	Short	Approximately 25 m (85 ft.)

The actual vehicle-to-vehicle distance varies in accordance with the vehicle speed. Also, when the vehicle is stopped by system control, it will be stopped at a certain distance from the preceding vehicle, depending on the situation, regardless of the setting.

■ Operating conditions

- The shift lever is in D.
- The desired set speed can be set when the vehicle speed is approximately 30 km/h (20 mph) or more.
  - If the vehicle speed is set while driving at below approximately 30 km/h (20 mph), the set vehicle speed will be approximately 30 km/h (20 mph).
  - If the vehicle speed is set while driving at a speed that exceeds the system's upper limit, the set vehicle speed will be the system's upper limit.

■ Accelerating after setting the vehicle speed

As with normal driving, acceleration can be performed by depressing the accelerator pedal. After accelerating, the vehicle will return to the set vehicle speed. However, while in vehicle-to-vehicle distance control mode, the vehicle speed may decrease to below the set vehicle speed in order to maintain the distance from the preceding vehicle.

■ When the vehicle is stopped by system control during follow-up cruising

- When the “+RES” switch is pressed while the vehicle is stopped by system control, if the preceding vehicle starts off within approximately 3 seconds, follow-up cruising will resume.
- If the preceding vehicle starts off

within approximately 3 seconds of the vehicle being stopped by system control, follow-up cruising will resume.

■ **Automatic cancellation of vehicle-to-vehicle distance control mode**

In the following situations, vehicle-to-vehicle distance control mode will be canceled automatically:

- When the brake control or output restriction control of a driving support system operates (For example: Pre-Collision System, drive-start control)
- When the parking brake has been operated
- When the vehicle is stopped by system control on a steep incline
- When any of the following are detected while the vehicle is stopped by system control:
  - The driver's seat belt is unfastened
  - The driver's door is opened
  - Approximately 3 minutes have elapsed since the vehicle was stopped

The parking brake may be actived automatically.

- Situations in which some or all of the functions of the system cannot operate: →P.243

■ **Dynamic radar cruise control system warning messages and buzzers**

For safe use: →P.238

■ **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.279) may not operate.

- When a vehicle cuts in front of your vehicle or changes lanes away from your vehicle extremely slowly or quickly
- When changing lanes
- When a preceding vehicle is driving at a low speed
- When a vehicle is stopped in the same lane as the vehicle
- When a motorcycle is traveling in the same lane as the vehicle

■ **Conditions under which the system may not operate correctly**

In the following situations, operate the brake pedal (or accelerator pedal, depending on the situation) as necessary.

As the sensor may not be able to correctly detect a vehicle, the system may not operate properly.

- When a preceding vehicle brakes suddenly
- When changing lanes at low speeds, such as in a traffic jam

Approach warning

In situations where the vehicle approaches a preceding vehicle and the system cannot provide sufficient deceleration, such as if a vehicle cuts in front of the vehicle, a warning display will flash and a buzzer will sound to alert the driver. Depress the brake pedal to ensure appropriate vehicle-to-vehicle distance.

■ **Warnings may not occur when**

In the following situations, the warning may not operate even though the vehicle-to-vehicle distance is short.

- When the preceding vehicle is

traveling at the same speed or faster than your vehicle

- When the preceding vehicle is traveling at an extremely low speed
- Immediately after the vehicle speed has been set
- When the accelerator pedal is depressed

Curve speed reduction function

When a curve is detected, the vehicle speed will begin being reduced. When the curve ends, the vehicle speed reduction will end.

Depending on the situation, the vehicle speed will then return to the set vehicle speed.

In situations where vehicle-to-vehicle distance control needs to operate, such as when a preceding vehicle cuts in front of your vehicle, the curve speed reduction function will be canceled.



Situations in which the curve speed reduction function may not operate

In situations such as the following, the curve speed reduction function may not operate:

- When the vehicle is being driven around a gentle curve
- When the accelerator pedal is being depressed
- When the vehicle is being driven around an extremely short curve

Overtaking prevention function

If a detected vehicle in the passing lane is traveling slower than your vehicle, overtaking will be suppressed.

The overtaking prevention function will not operate if the passing lane is congested or vehicles are traveling at low speeds.
This function is not available for vehicles without a DCM.

Support for lane change

If your vehicle is being driven at approximately 80 km/h (50 mph) or more and a lane change to the passing lane is performed, when the turn signal lever is operated and the lane is changed, the vehicle will accelerate up to the set speed to assist in overtaking.

For vehicles with a DCM: The system's recognition of which lane is the passing lane is determined by location information and the driving condition of surrounding vehicles. The support for lane change function and overtaking prevention function may not operate if it is difficult to obtain location information or there are few surrounding vehicles.

For vehicles without a DCM: The sys-

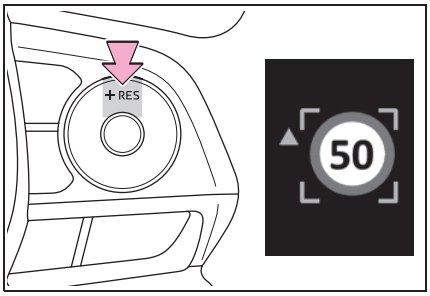
tem's recognition of which lane is the passing lane may be based solely on the location of the steering wheel in the vehicle (left-hand drive/right-hand drive). If the vehicle is driven in a location where the passing lane is on the opposite side of that where the vehicle was originally sold, the vehicle may accelerate when the turn signal lever is operated away from the passing lane. (e.g. The vehicle was manufactured for a right-hand traffic location, but is being driven in a left-hand traffic location. The vehicle may accelerate when the turn signal lever is operated to the right.)

If your vehicle is being driven at approximately 80 km/h (50 mph) or more and the lane is changed to that with a vehicle traveling slower than your vehicle, when the turn signal lever is operated the vehicle will gradually decelerate to assist in changing lanes.

Dynamic Radar Cruise Control with Road Sign Assist

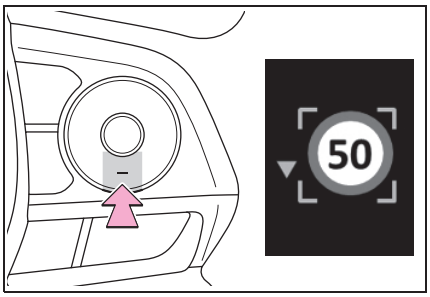
When RSA function is enabled and the dynamic radar cruise control system is operating, if a speed limit sign is detected, the detected speed limit will be displayed with an up/down arrow. The set speed can be increased/reduced to the detected speed limit by pressing and holding the "+" switch or "-" switch.

When the set speed is lower than the detected speed limit



Press and hold the "+" switch.

When the set speed is higher than the detected speed limit



Press and hold the "-" switch.

The dynamic radar cruise control with road sign assist may not operate properly when

As the dynamic radar cruise control with road sign assist may not operate properly in situations where the RSA may not operate or cannot detect signs correctly (→P.270), when using this function, make sure to confirm the actual speed limit.

In the following situations, the set speed may not change to the detected speed limit by pressing and holding the "+" switch or "-" switch:

- When speed limit information is not available

- When the detected speed limit is the same as the set speed
- When the detected speed limit is outside of the speed range which the dynamic radar cruise control system can operate

Changing Dynamic radar cruise control settings

- The settings of Dynamic radar cruise control can be changed through customize settings. (→P.513)

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.

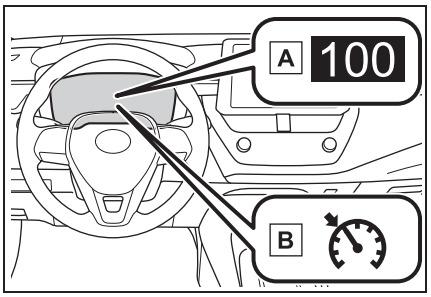
- On roads with sharp bends
- On winding roads
- On slippery roads, such as those covered with rain, ice or snow
- On steep downhills, or where there are sudden changes between sharp up and down gradients

Vehicle speed may exceed the set speed when driving down a steep hill.

- When it is necessary to disable the system: →P.238

System Components

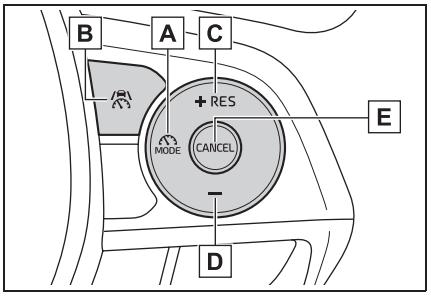
Meter display



A Set vehicle speed

B Cruise control indicator

Switches



A Driving assist mode select switch

B Driving assist switch

C "+" switch / "RES" switch

D "-" switch

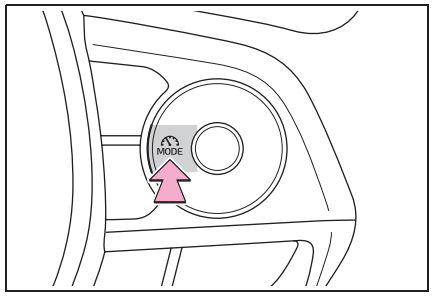
E Cancel switch

Using the cruise control

Setting the vehicle speed

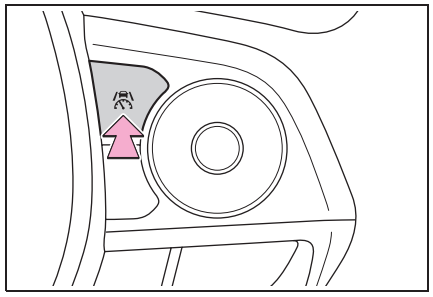
1 Press the driving assist mode select switch to select cruise control.

The cruise control indicator will illuminate.



2 Using the accelerator pedal, accelerate to the desired vehicle speed (approximately 30 km/h [20 mph] or more), and press the driving assist switch to set the set vehicle speed.

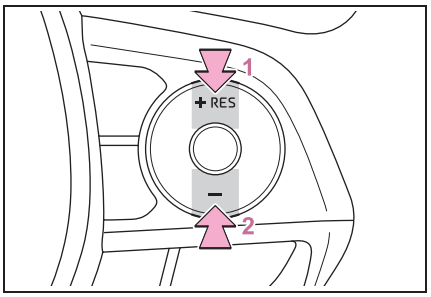
The vehicle speed at the moment the switch is released will be the set vehicle speed.



Adjusting the set vehicle speed

■ Adjusting the set vehicle speed using the switches

To change the set vehicle speed, press the “+” or “-” switch until the desired speed is displayed.



1 Increase set vehicle speed

2 Decrease set vehicle speed

The set vehicle speed will increase or decrease as follows:

Fine adjustment: By 1 km/h (0.6 mph) or 1 mph (1.6 km/h) each time the switch is pressed

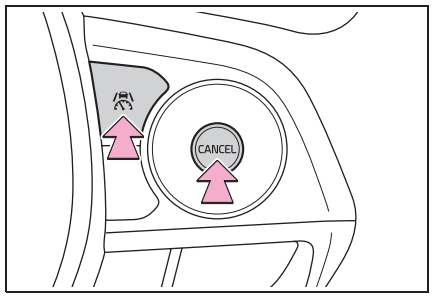
Large adjustment: Increases continuously while the switch is pressed and held

■ Increasing the set vehicle speed using the accelerator pedal

1 Depress the accelerator pedal to accelerate the vehicle to the desired vehicle speed.

2 Press the “+” switch.

Canceling/resuming control



1 Press the cancel switch or driving assist switch to cancel control.

Control will also be canceled if the brake pedal is depressed.

2 Press the “RES” switch to resume control.

■ Automatic cancellation of the cruise control

In the following situations, the cruise control will be canceled automatically:

- When the vehicle speed drops approximately 16 km/h (10 mph) or more below the set vehicle speed
- When the vehicle speed drops below approximately 30 km/h (20 mph)
- When the brake control or output restriction control of a driving support system operates (For example: PCS, drive-start control)
- When the parking brake has been operated
- Situations in which some or all of the functions of the system cannot operate: →P.243

Emergency Driving Stop System

The emergency driving stop system is a system which automatically decelerates and stops the vehicle within its lane if the driver becomes unable to continue driving the vehicle, such as if they have suffered a medical emergency, etc.

During LTA (Lane Tracing Assist) control, if the system does not detect driving operations, such as if the driver is not holding the steering wheel, and determines the driver is not responsive, the vehicle will be decelerated and stopped within its current lane to help avoid a collision or reduce the impact of a collision.

⚠ WARNING

■ For safe use

- Driving safely is solely the responsibility of the driver. Pay careful attention to the surrounding conditions in order to ensure safe driving. The emergency driving stop system is designed to provide support in an emergency where it is difficult for the driver to continue driving, such as if they have had a medical emergency. It is not designed to support driving while drowsy or in poor physical health, or inattentive driving.
- Although the emergency driving stop system is designed to decelerate the vehicle within its lane to help avoid or help reduce the impact of a collision if the system determines that it is difficult for the driver to continue driving, its effectiveness may change according to various conditions. Therefore, it may not always be able to achieve the same level of performance. Also, if the operating conditions are not met, this function will not operate.
- After the emergency driving stop system operates, if driving becomes possible again, immediately begin driving again or, if necessary, park the vehicle on the shoulder of the road and set a warning reflector and flare to warn other drivers of your stopped vehicle.
- After this system operates, passengers should attend to the driver as necessary and take appropriate hazard prevention measures, such as moving to a place where safety can be ensured, such as the shoulder of the road or behind a guardrail.
- This system detects the condition of the driver through the operation of the steering wheel. This system may operate if the driver is aware but intentionally and continuously does not operate the vehicle. Also, the system may not operate if it cannot determine that the driver is not responsive, such as if they are leaning on the steering wheel.

Summary of the system

Operation of this system is separated into 4 control states. Through control state “warning phase 1” and “warning phase 2”, the system

determines if the driver is aware and responsive while outputting a warning and controlling the vehicle speed. If the system determines the driver is not responsive, it will operate in control state “deceleration stop phase” and “stop hold phase” and decelerate and stop the vehicle. It will then operate continuously in “stop hold phase”.

■ **Operating conditions**

This system operates when all of the following conditions are met:

- When the LTA is on
- When the vehicle speed is approximately 50 km/h (30 mph) or more

■ **Operation cancelation conditions**

In the following situations, system operation will be canceled:

- When LTA control has been canceled (the LTA switch has been pressed, etc.)
- When the dynamic radar cruise control has been canceled
- When driver operations are detected (the steering wheel is held, the brake pedal, accelerator pedal, parking brake, hazard light switch, or turn signal lever is operated)
- When the driving assist switch is pressed while in the stop and hold phase
- When the power switch has been turned from ON to off
- Situations in which some or all of the functions of the system cannot operate: →P.243

■ **LTA control when operation is canceled**

When emergency driving stop system operation is canceled, LTA control may also be canceled.

Warning phase 1

If driving operations are not detected after the hands off steering wheel warning operates, a buzzer will sound intermittently and a message will be displayed to warn the driver, and the system will judge if the driver is responsive or not. If driving operations, such as holding the steering wheel, are not performed within a certain amount of time, the system will enter warning phase 2.

Warning phase 2

After entering warning phase 2, a buzzer will sound in short intervals and a message will be displayed to warn the driver, and the vehicle will slowly decelerate. If driving operations, such as holding the steering wheel, are not performed within a certain amount of time, the system will determine that the driver is not responsive and enter the deceleration stop phase.

The audio system will be muted until the driver becomes responsive.

When the vehicle is decelerating, the brake lights may illuminate, depending on the road conditions, etc.

After the vehicle has decelerated a certain amount, the emergency flashers (hazard lights) will flash.

Deceleration stop phase

After the driver is judged as being not responsive, a buzzer will sound continuously and a message will be displayed to warn the driver, and the vehicle will slowly decelerate and stop. While the vehicle is decelerating, the emergency flashers (hazard lights) will flash to warn other drivers of the emergency.

Stop hold phase

After the vehicle is stopped, the parking brake will be applied automatically. After entering the stop and hold phase, the buzzer will continue sounding continuously, the emergency flashers (hazard lights) will flash to warn other drivers of the emergency, and the doors will unlock.

Speed limiter

A desired maximum speed can be set using the speed limiter switch. The speed limiter prevents the vehicle speed from exceeding the set speed.

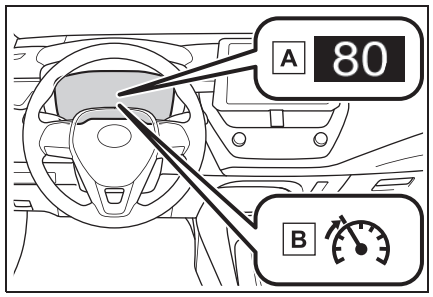
WARNING

■ **Situations in which speed limiter should not be used**

- Situations in which the sensors may not operate properly: →P.242
- When it is necessary to disable the system: →P.238

System Components

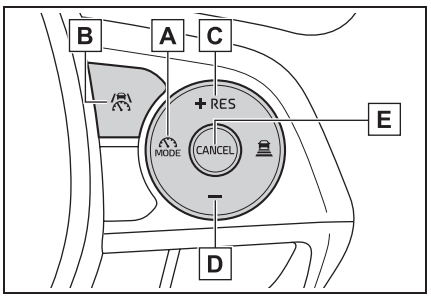
■ **Meter display**



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

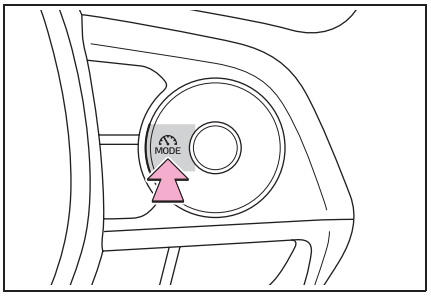
E Cancel switch

Using the speed limiter

Setting the maximum vehicle speed

1 Press the driving assist mode select switch to select the speed limiter.

The speed limiter indicator will illuminate in white.

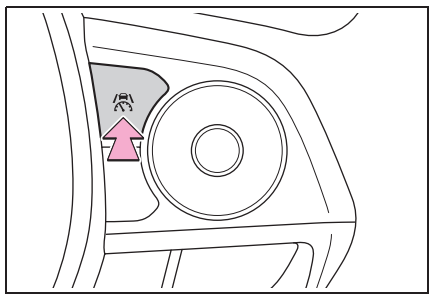


2 Accelerate or decelerate to the desired vehicle speed, and press the driving assist switch to set the maximum vehicle speed.

The speed limiter indicator will change from illuminated in white to green.

The set vehicle speed will be displayed on the multi-information display in green.
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.

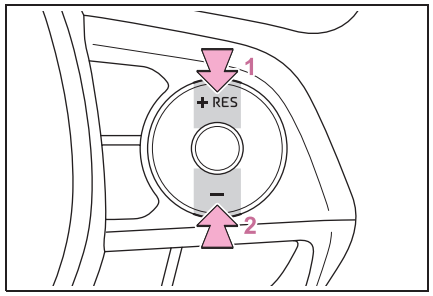


The system does not start when the shift lever is R.

The system does not start when the driving assist switch is pressed continuously.

Adjusting the set vehicle speed

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

Short press adjustment: Press the switch

Long press adjustment: Press and hold the switch until the desired set vehicle speed is reached.

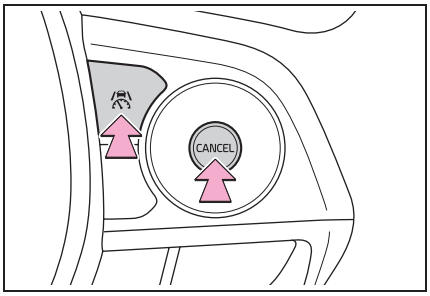
The set vehicle speed will increase or decrease as follows:

Short press adjustment: By 1 km/h (0.6 mph) or 1 mph (1.6 km/h) each time the switch is pressed

Long press adjustment: Increases or decreases in 5 km/h (3.1 mph) or 5 mph (8 km/h) increments continuously while the switch is pressed and held

The set vehicle speed adjustment increment can be changed through a customize setting.

Canceling/resuming control



1 Press the cancel switch or driving assist switch to cancel control.

2 Press the “RES” switch to resume control.

When control is canceled, the speed limiter indicator will change from illuminated in green to white.

■ 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 driving down a slope

■ Automatic cancellation of the speed limiter

- Situations in which some or all of the functions of the system cannot operate: →P.243

■ Changes in brake operation sound and pedal response

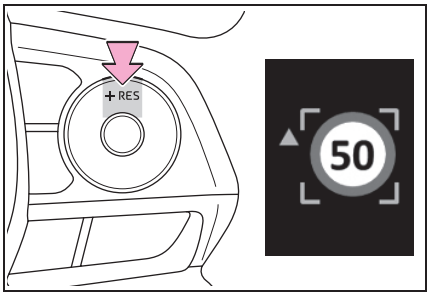
→P.243

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.

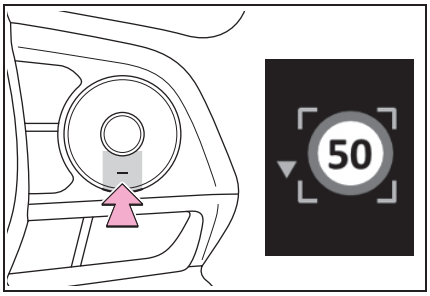
■ When the set vehicle speed is lower than the detected speed limit

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.270), 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

BSM (Blind Spot Monitor)*

*: If equipped

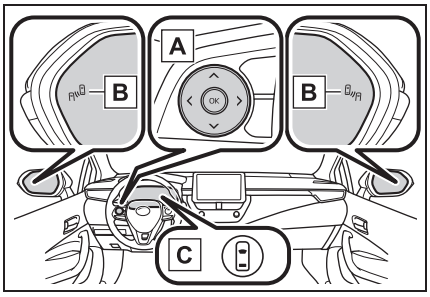
The Blind Spot Monitor is a system that uses rear side radar sensors installed on the inner side of the rear bumper on the left and right side to assist the driver in confirming safety when changing lanes.

WARNING

Cautions regarding the use of the system

- The driver is solely responsible for safe driving. Always drive safely, taking care to observe your surroundings.
- The Blind Spot Monitor is a supplementary function which alerts the driver that a vehicle is in a blind spot of the outside rear view mirrors or is approaching rapidly from behind into a blind spot. Do not overly rely on the Blind Spot Monitor. As the function cannot judge if it is safe to change lanes, over reliance could lead to an accident resulting in death or serious injury. As the system may not function correctly under certain conditions, the driver’s own visual confirmation of safety is necessary.

System components



A Meter control switches

Turning the Blind Spot Monitor on/off.

B Outside rear view mirror indicators

When a vehicle is detected in a blind spot of the outside rear view mirrors or approaching rapidly from behind into a blind spot, the outside rear view mirror indicator on the detected side will illuminate. If the turn signal lever is operated toward the detected side, the outside rear view mirror indicator flashes.

C Driving assist information indicator

Illuminates when the Blind Spot Monitor is turned off. At this time, “Blind Spot Monitor OFF” will be displayed on the multi-information display.

Outside rear view mirror indicator visibility

In strong sunlight, the outside rear view mirror indicator may be difficult to see.

Customization

Some functions can be customized. (→P.513)

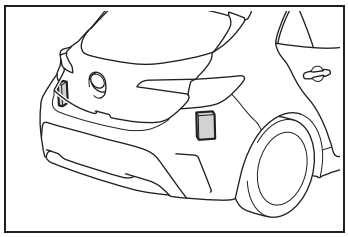
WARNING

To ensure the system can operate properly

Blind Spot Monitor sensors are installed behind the left and right sides of the rear bumper respectively. Observe the following to ensure the Blind Spot Monitor can operate correctly.

- Keep the sensors and the surrounding areas on the rear bumper clean at all times.

If a sensor or its surrounding area on the rear bumper is dirty or covered with snow, the Blind Spot Monitor may not operate and a warning message will be displayed. In this situation, clear off the dirt or snow and drive the vehicle with the operation conditions of the BSM function (→P.294) satisfied for approximately 10 minutes. If the warning message does not disappear, have the vehicle inspected by any authorized 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 rear bumper.

WARNING

- Do not subject a sensor or its surrounding area on the rear bumper to a strong impact.
  If a sensor is moved even slightly off position, the system may malfunction and vehicles may not be detected correctly.
  In the following situations, have your vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
  - A sensor or its surrounding area is subject to a strong impact.
  - If the surrounding area of a sensor is scratched or dented, or part of them has become disconnected.
- Do not disassemble the sensor.
- Do not modify the sensor or surrounding area on the rear bumper.
- If a sensor or the rear bumper needs to be removed/installed or replaced, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- Do not paint the rear bumper any color other than an official Toyota color.

Turning the Blind Spot Monitor on/off

The Blind Spot Monitor can be enabled/disabled on ⚙ of the multi-information display. (→P.513)

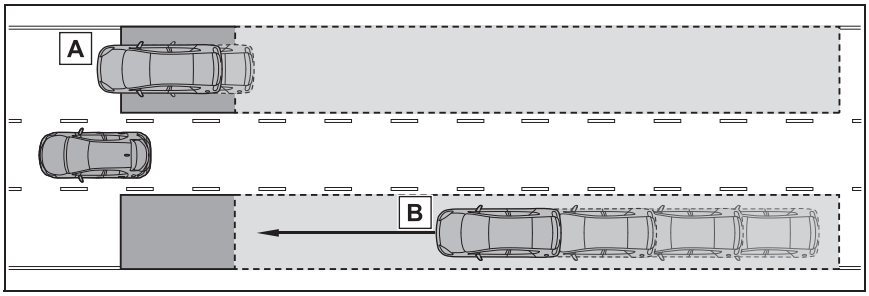
When the Blind Spot Monitor function is off, the driving assist information indicator (→P.98) will illuminate. At this time, "Blind Spot Monitor OFF" will be displayed on the multi-information display.

Each time the power switch is turned to ON, the Blind Spot Monitor is enabled.

Blind Spot Monitor operation

■ Objects that can be detected while driving

The Blind Spot Monitor uses rear side radar sensors to detect the following vehicles traveling in adjacent lanes and advises the driver of the presence of such vehicles via the indicators on the outside rear view mirrors.

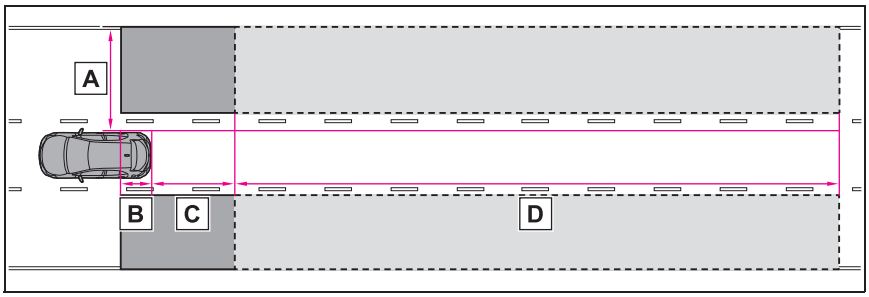


A Vehicles that are traveling in areas that are not visible using the outside rear view mirrors (the blind spots)

B Vehicles that are approaching rapidly from behind in areas that are not visible using the outside rear view mirrors (the blind spots)

■ Detection range while driving

The areas that vehicles can be detected in are outlined below.



The range of each detection area is:

A Approximately 0.5 m (1.6 ft.) to 3.5 m (11.5 ft.) from either side of the vehicle*1

B Approximately 1 m (3.3 ft.) forward of the rear bumper

C Approximately 3 m (9.8 ft.) from the rear bumper

D Approximately 3 m (9.8 ft.) to 60 m (197 ft.) from the rear bumper*2

*1: The area between the side of the vehicle and 0.5 m (1.6 ft.) from the side of the vehicle cannot be detected.

*2: The greater the difference in speed between your vehicle and the detected vehicle is, the farther away the vehicle will be detected, causing the outside rear view mirror indicator to illuminate or flash.

■ The Blind Spot Monitor 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 lever is in a position other than R.
- The vehicle speed is approximately 10 km/h (7 mph) or more.

■ The Blind Spot Monitor will detect a vehicle when

The Blind Spot Monitor will detect a vehicle present in the detection area in the following situations:

- A vehicle in an adjacent lane overtakes your vehicle.
- You overtake a vehicle in adjacent lane slowly.
- Another vehicle enters the detection area when it changes lanes.

■ Situations in which the blind spot monitor cannot detect vehicles

The blind spot monitor cannot detect the following vehicles and other objects:

- Small motorcycles, bicycles, pedestrians, etc.*
- Vehicles traveling in the opposite direction
- Guardrails, walls, signs, parked vehicles and similar stationary objects*
- Following vehicles that are in the same lane*
- Vehicles traveling 2 lanes away from your vehicle*
- Vehicles which are being overtaken rapidly by your vehicle*

*: Depending on the conditions, detection of a vehicle and/or object may occur.

■ Conditions under which the system may not function correctly

- The Blind Spot Monitor may not detect vehicles correctly in the following situations:
  - When the sensor is misaligned due to a strong impact to the sensor or its surrounding area
  - When mud, snow, ice, a sticker, etc. is covering the sensor or surrounding area on the rear bumper
  - When driving on a road surface that is wet with standing water during bad weather, such as heavy rain, snow, or fog
  - When multiple vehicles are approaching with only a small gap between each vehicle
  - When the distance between your vehicle and a following vehicle is short
  - When there is a significant difference in speed between your vehicle and the vehicle that enters the detection area
  - When the difference in speed between your vehicle and another vehicle is changing
  - When a vehicle enters a detection area traveling at about the same speed as your vehicle
  - As your vehicle starts from a stop, a vehicle remains in the detection area
  - When driving up and down consecutive steep inclines, such as hills, dips in the road, etc.
  - When driving on roads with sharp bends, consecutive curves, or uneven surfaces
  - When vehicle lanes are wide, or when driving on the edge of a lane, and the vehicle in an adjacent lane is far away from your vehicle
  - When an accessory (such as a bicycle carrier) is installed to the rear of the vehicle
  - When there is a significant difference in height between your vehicle and the vehicle that enters the detection area
  - Immediately after the Blind Spot Monitor is turned on
  - When towing with the vehicle
- Instances of the Blind Spot Monitor unnecessarily detecting a vehicle and/or object may increase in the following situations:
  - When the sensor is misaligned due to a strong impact to the sensor or its surrounding area

- When the distance between your vehicle and a guardrail, wall, etc. that enters the detection area is short
- When driving up and down consecutive steep inclines, such as hills, dips in the road, etc.
- When vehicle lanes are narrow, or when driving on the edge of a lane, and a vehicle traveling in a lane other than the adjacent lanes enters the detection area
- When driving on roads with sharp bends, consecutive curves, or uneven surfaces
- When the tires are slipping or spinning
- When the distance between your vehicle and a following vehicle is short
- When an accessory (such as a bicycle carrier) is installed to the rear of the vehicle
- When towing with the vehicle

Toyota parking assist-sensor*

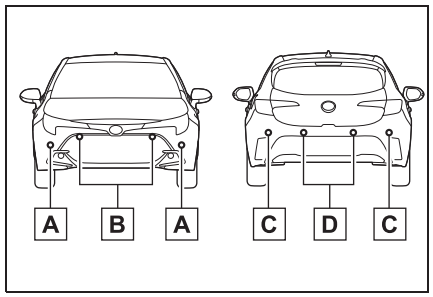
The distance from your vehicle to objects, such as a wall, when parallel parking or maneuvering into a garage is measured by the sensors and communicated via the audio system screen* and a buzzer. Always check the surrounding area when using this system.

*: If equipped

System components

■ **Types of sensors**

▶ Hatchback



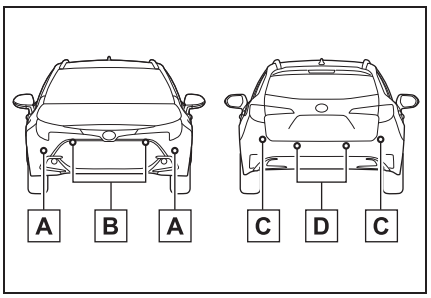
A Front corner sensors

B Front center sensors

C Rear corner sensors

D Rear center sensors

▶ Wagon



A Front corner sensors

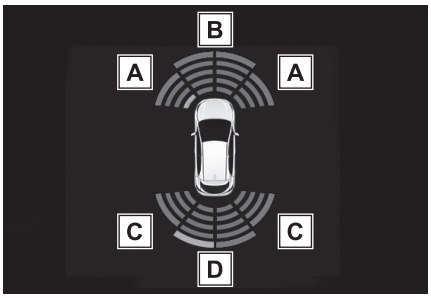
B Front center sensors

C Rear corner sensors

D Rear center sensors

■ **Display**

When the sensors detect an object, such as a wall, a graphic is shown on the audio system screen* depending on the position and distance to the object.



A Front corner sensor detection

B Front center sensor detection

C Rear corner sensor detection

D Rear center sensor detection

*: If equipped

Turning Toyota parking assist-sensor on/off

Use the meter control switches to enable/disable the Toyota parking assist-sensor. (→P.109, P.115)

▶ 7-inch display

1 Press ∧ or ∨ to select ⚙.

2 Press ‹ or › to select P and then press and hold OK.

▶ 12.3-inch display

1 Press ‹ or › to select ⚙.

2 Press ∧ or ∨ to select P and then press and hold OK.

When the Toyota parking assist-sensor function is disabled, the Toyota parking assist-sensor OFF indicator (→P.96) illuminates.

To re-enable the system when it was disabled, select ⚙ on the multi-information display, select P and then on. If disabled using this method, the system will not be re-enabled by turning the power switch off and then to ON.

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' surroundings and driving safely.

■ To ensure the system can operate properly

- Do not damage the sensors, and always keep them clean.
- Do not attach a sticker or install an electronic component, such as a backlit license plate (especially fluorescent type), fog lights, fender pole or wireless antenna near a radar sensor.
- Do not subject the surrounding area of the sensor to a strong impact. If subjected to an impact, have the vehicle inspected by any authorized 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.
- Do not modify, disassemble or paint the sensors.
- Do not attach a license plate cover.
- Keep your tires properly inflated.

■ When to disable the function

In the following situations, disable the function as it may operate even though there is no possibility of a collision.

- Failing to observe the warnings above.
- A non-genuine Toyota suspension (lowered suspension, etc.) is installed.

■ Notes when washing the vehicle

Do not apply intensive bursts of water or steam to the sensor area.

Doing so may result in the sensor malfunctioning.

- When using a high pressure washer to wash the vehicle, do not spray the sensors directly, as doing so may cause a sensor to malfunction.
- When using steam to clean the vehicle, do not direct steam too close to the sensors as doing so may cause a sensor to malfunction.

■ The system can be operated when

- The power switch is in ON.
- Toyota parking assist-sensor function is on.
- The vehicle speed is less than about 10 km/h (6 mph).
- A shift lever other than P is selected.

■ If "Parking Assist Unavailable Sensor Blocked" is displayed on the multi-information display

A sensor may be covered with water droplets, ice, snow, dirt, etc. Remove the water droplets, ice, snow, dirt, etc. from the sensor to return the system to normal.

If the malfunction display is displayed even though the sensors are not covered with water droplets, ice, snow, or dirt, the sensors may be malfunctioning. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ If "System Stopped See Owner's Manual" is displayed on the multi-information display

Water may be continuously flowing

over the sensor surface, such as in a heavy rain. When the system determines that it is normal, the system will return to normal.

■ **If "System Malfunction Visit Your Dealer" is displayed on the multi-information display**

The sensors may be malfunctioning or there may be a problem with the voltage. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **Sensor detection information**

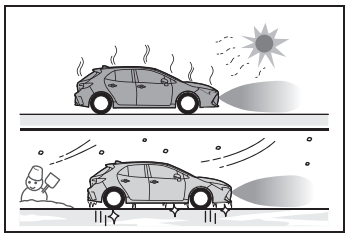
The following situations may occur during use.

- The sensors may be able to only detect objects near the front and rear bumpers.
- Depending on the shape of the object and other factors, the detection distance may shorten, or detection may be impossible.
- If an object is extremely close to a sensor, it may not be detected.
- There will be a short delay between object detection and display. Even at low speeds, there is a possibility that the object will come within the sensor's detection areas before the display is shown and the warning beep sounds.
- It might be difficult to hear the buzzer due to the volume of the audio system or air flow noise of the air conditioning system.
- It may be difficult to hear the buzzer if buzzers for other systems are sounding.

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

Certain vehicle conditions and the surrounding environment may affect the ability of a sensor to correctly detect objects. Particular instances where this may occur are listed below.

- There is dirt, snow or ice on a sensor. (Cleaning the sensors will resolve this problem.)
- A sensor is frozen. (Thawing the area will resolve this problem.)
  In especially cold weather, if a sensor is frozen the sensor display may be displayed abnormally, or objects, such as a wall, may not be detected.
- A sensor is covered in any way.
- When a sensor or the area around a sensor is extremely hot or cold.



- On an extremely bumpy road, on an incline, on gravel, or on grass.
- When vehicle horns, vehicle detectors, motorcycle engines, air brakes of large vehicles, the clearance sonar of other vehicles or other devices which produce ultrasonic waves are near the vehicle
- A sensor is coated with a sheet of spray or heavy rain.
- If objects draw too close to the sensor.
- When a pedestrian is wearing clothing that does not reflect ultrasonic waves (ex. skirts with gathers or frills).
- When objects that are not perpendicular to the ground, not perpendicular to the vehicle traveling direction, uneven, or waving are in the detection range.
- Strong wind is blowing
- When driving in inclement weather such as fog, snow or a sandstorm
- When an object that cannot be detected is between the vehicle and a detected object
- If an object such as a vehicle, motorcycle, bicycle or pedestrian cuts in

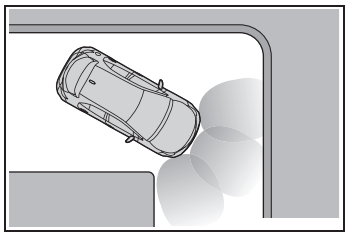
front of the vehicle or runs out from the side of the vehicle

- If the orientation of a sensor has been changed due to a collision or other impact
- When equipment that may obstruct a sensor is installed, such as a towing eyelet, bumper protector (an additional trim strip, etc.), bicycle carrier, or snow plow
- If the front of the vehicle is raised or lowered due to the carried load
- If the vehicle cannot be driven in a stable manner, such as when the vehicle has been in an accident or is malfunctioning
- When a tire chains, compact spare tire or an emergency tire puncture repair kit is used

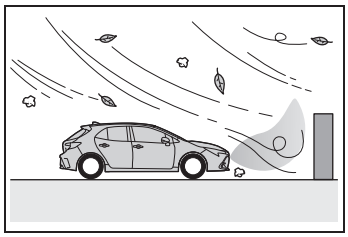
■ Situations in which the system may operate even if there is no possibility of a collision

In some situations, such as the following, the system may operate even though there is no possibility of a collision.

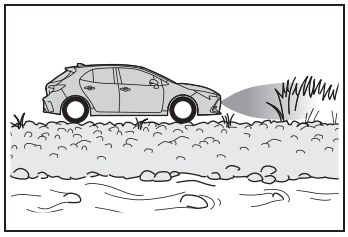
- When driving on a narrow road



- When driving toward a banner, flag, low-hanging branch or boom barrier(such as those used at railroad crossings, toll gates and parking lots)
- When there is a rut or hole in the surface of the road
- When driving on a metal cover (grating),such as those used for drainage ditches
- When driving up or down a steep slope
- If a sensor is hit by a large amount of water, such as when driving on a flooded road
- There is dirt, snow, water drops or ice on a sensor. (Cleaning the sensors will resolve this problem.)
- A sensor is coated with a sheet of spray or heavy rain
- When driving in inclement weather such as fog, snow or a sandstorm
- When strong winds are blowing



- When vehicle horns, vehicle detectors, motorcycle engines, air brakes of large vehicles, the clearance sonar of other vehicles or other devices which produce ultrasonic waves are near the vehicle
- If the front of the vehicle is raised or lowered due to the carried load
- If the orientation of a sensor has been changed due to a collision or other impact
- The vehicle is approaching a tall or curved curb
- Driving close to columns (H-shaped steel beams, etc.) in multistory 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 a tire chains, compact spare tire or an emergency tire puncture repair kit is used

■ Objects which the system may not be properly detected

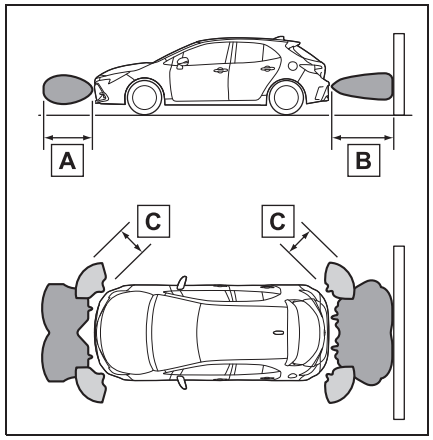
The shape of the object may prevent the sensor from detecting it. Pay particular attention to the following objects:

- 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.

Sensor detection display, object distance

■ Detection range of the sensors



A Approximately 100 cm (3.3 ft.)

B Approximately 150 cm (4.9 ft.)

C Approximately 60 cm (2.0 ft.)

The diagram shows the detection range of the sensors. Note that the sensors cannot detect objects that are extremely close to the vehicle.

The range of the sensors may change depending on the shape of the object, etc.

■ The distance and buzzer

Approximate distance to obstacle	Buzzer
Front center sensor: 100 cm to 60 cm (3.3 ft. to 2.0 ft.)* Rear center sensor: 150 cm to 60 cm (4.9 ft. to 2.0 ft.)*	Slow
60 cm to 45 cm (2.0 ft. to 1.5 ft.)*	Medium
45 cm to 30 cm (1.5 ft. to 1.0 ft.)*	Fast
30 cm to 15 cm (1.0 ft. to 0.5 ft.)	Continuous
Less than 15 cm (0.5 ft)	

*: Automatic buzzer mute function is enabled. (→P.301)

■ Buzzer operation and distance to an object

A buzzer sounds when the sensors are operating.

- The buzzer beeps faster as the vehicle approaches an object. When the vehicle comes within approximately 30 cm (1.0 ft.) of the object, the buzzer sounds continuously.
- When 2 or more objects are detected simultaneously, the buzzer sounds for the nearest object. If one or more objects come within approximately 30 cm (1.0 ft.) of the vehicle, the buzzer will repeat a long tone, followed by fast beeps.
- Automatic buzzer mute function: After a buzzer begins sounding, if the distance between the vehicle and the detected object does not become shorter, the buzzer will be muted automatically. (However, if the distance between the vehicle and object is 30 cm (1.0 ft.) or less, this function will not operate.)

■ Adjusting the buzzer volume

The buzzer volume can be adjusted on the multi-information display. The volume of buzzers for the Toyota parking assist-sensor and RCTA function (if equipped) will be adjusted simultaneously.

Use the meter control switches to change settings. (→P.110, 116)

▶ 7-inch display

1 Press ∧ or ∨ to select ⚙.

2 Press ‹ or › to select P and then press and hold OK.

3 Select the volume and then press OK.

Each time the switch is pressed, the volume level will change between 1, 2, and 3.

▶ 12.3-inch display

1 Press ‹ or › to select ⚙.

2 Press ∧ or ∨ to select P and then press OK.

3 Select the volume and then press and hold OK.

Each time the switch is pressed, the volume level will change between 1, 2, and 3.

■ Muting a buzzer

A mute button will be displayed on the multi-information display when an object is detected. To mute the buzzer, press OK.

The buzzers for the Toyota parking assist-sensor and RCTA function (if equipped) will be muted simultaneously.

Mute will be canceled automatically in the following situations:

- When the shift lever is changed.

- When the vehicle speed exceeds a certain speed.
- When the operating function is temporarily canceled.
- When the operating function is disabled manually.
- When the power switch is turned off.

RCTA (Rear Crossing Traffic Alert) function*

*: If equipped

The RCTA function uses the BSM rear side radar sensors installed behind the rear bumper. This function is intended to assist the driver in checking areas that are not easily visible when backing up.

WARNING

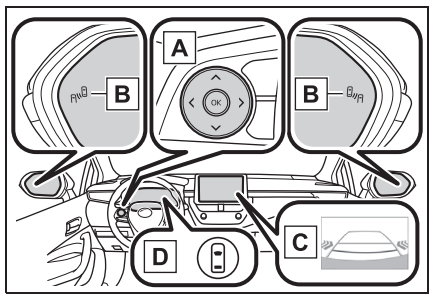
■ Cautions regarding the use of the system

The driver is solely responsible for safe driving. Always drive safely, taking care to observe your surroundings. The RCTA function is only a supplementary function which alerts the driver that a vehicle is approaching from the right or left at the rear of the vehicle. As the RCTA function may not function correctly under certain conditions, the driver's own visual confirmation of safety is necessary. Over reliance on this function may lead to an accident resulting death or serious injury.

■ To ensure the system can operate properly

→P.291

System components



A Meter control switches

Operate the meter control switches to enable/disable the RCTA function on the multi-information display.

B Outside rear view mirror indicators

If a vehicle is detected as approaching from the left or right behind the vehicle, both outside rear view mirror indicators will blink and a buzzer will sound.

C Audio system screen

If a vehicle approaching from the right or left at the rear of the vehicle is detected, the RCTA icon (→P.304) for the detected side will be displayed on the audio system screen. This illustration shows an example of a vehicle approaching from both sides of the vehicle.

D Driving assist information indicator

When the RCTA is off, “Rear Cross Traffic Alert OFF” will be displayed on the multi-information display.

Turning the RCTA function on/off

The RCTA can be enabled/disabled on ⚙ of the multi-information display. (→P.513)

When the RCTA function is off, the driving assist information indicator (→P.98) will illuminate. At this time, "Rear Cross Traffic Alert OFF" 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.

■ Hearing the RCTA buzzer

The RCTA buzzer may be difficult to hear over loud noises, such as if the audio system volume is high.

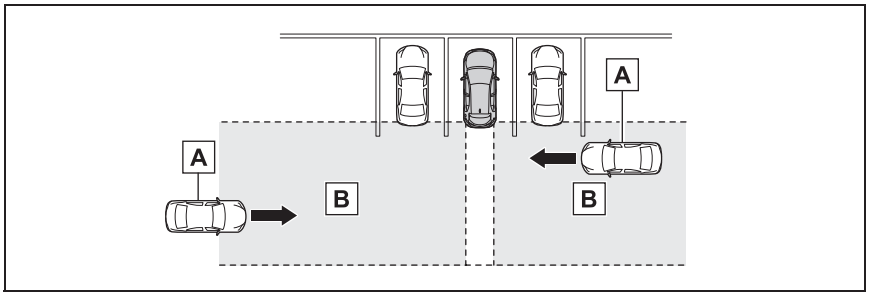
■ Rear side radar sensors

→P.291

RCTA function

■ Operation of the RCTA function

The RCTA function uses rear side radar sensors to detect vehicles approaching from the right or left at the rear of the vehicle and alerts the driver of the presence of such vehicles by flashing the outside rear view mirror indicators and sounding a buzzer.



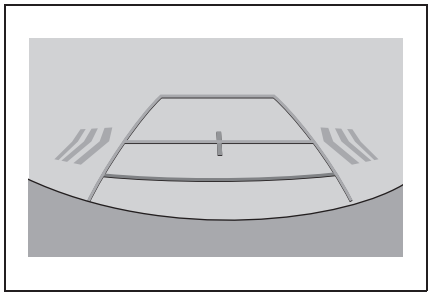
A Approaching vehicles

B Detection areas of approaching vehicles

■ **RCTA icon display**

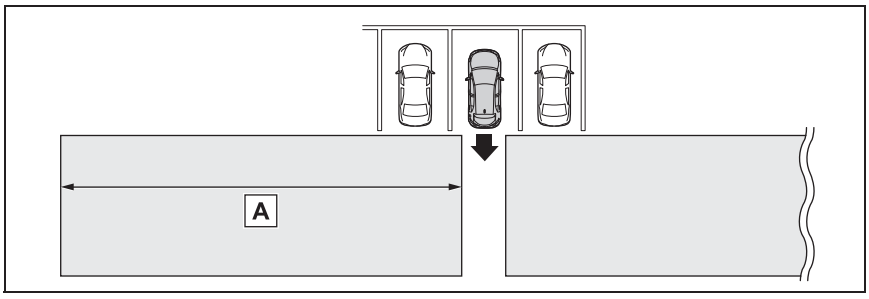
When a vehicle approaching from the right or left at the rear of the vehicle is detected, the following will be displayed on the audio system screen.

Example: Vehicles are approaching from both sides of the vehicle



■ **RCTA function detection areas**

The areas that vehicles can be detected in are outlined below.



The buzzer can alert the driver of faster vehicles approaching from farther away.

Example:

Approaching vehicle speed	A Approximate alert distance
56 km/h (34 mph) (fast)	40 m (131 ft.)
8 km/h (5 mph) (slow)	5.5 m (18 ft.)

The RCTA function is operational when

The RCTA function operates when all of the following conditions are met:

- The power switch is in ON.
- The RCTA function is on.
- The shift lever is in R.
- The vehicle speed is approximately 15 km/h (9 mph) or less.
- The approaching vehicle speed is between approximately 8 km/h (5 mph) and 56 km/h (34 mph).

Setting the buzzer volume

The buzzer volume can be adjusted on the multi-information display.

The volume of the RCTA and Toyota parking assist-sensor can be adjusted all together on ⚙ of the multi-information display. (→P.513)

Muting a buzzer temporarily

When an object is detected, the temporary mute switch is displayed on the multi-information display.
Select the switch to mute a buzzer of the Toyota parking assist-sensor and RCTA, all together.

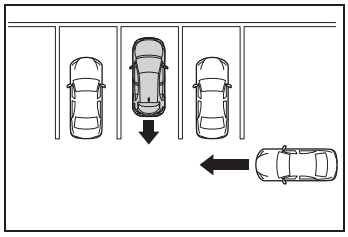
Mute will be canceled automatically in the following situations:

- When the shift lever 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.

Conditions under which the system will not detect a vehicle

The RCTA function is not designed to detect the following types of vehicles and/or objects:

- Vehicles approaching from directly behind
- Vehicles backing up in a parking space next to your vehicle
- Vehicles that the sensors cannot detect due to obstructions



- Guardrails, walls, signs, parked vehicles and similar stationary objects*
- Small motorcycles, bicycles, pedestrians, etc.*
- Vehicles moving away from your vehicle
- Vehicles approaching from the parking spaces next to your vehicle*
- The distance between the sensor and approaching vehicle gets too close

*: Depending on the conditions, detection of a vehicle and/or object may occur.

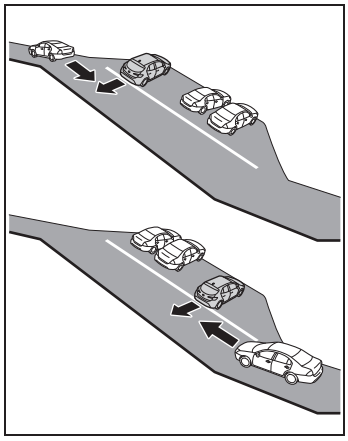
Situations in which the system may not operate properly

The RCTA function may not detect vehicles correctly in the following situations:

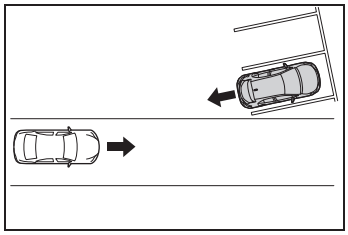
- When the sensor is misaligned due to a strong impact to the sensor or its surrounding area
- When mud, snow, ice, a sticker, etc., is covering the sensor or its surrounding area on the rear bumper
- When driving on a road surface that is

wet with standing water during bad weather, such as heavy rain, snow, or fog

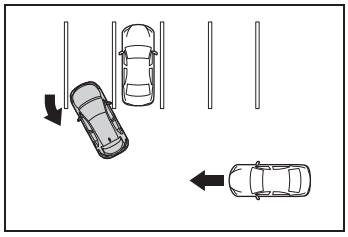
- When multiple vehicles are approaching with only a small gap between each vehicle
- When a vehicle is approaching at high speed
- When equipment that may obstruct a sensor is installed, such as a towing eyelet, bumper protector (an additional trim strip, etc.), bicycle carrier, or snow plow
- When backing up on a slope with a sharp change in grade



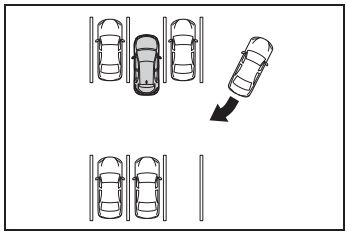
- When backing out of a sharp angle parking spot



- Immediately after the RCTA function is turned on
- Immediately after the hybrid system is started with the RCTA function on
- When the sensors cannot detect a vehicle due to obstructions
- When towing a trailer
- When there is a significant difference in height between your vehicle and the vehicle that enters the detection area
- When a sensor or the area around a sensor is extremely hot or cold
- If the suspension has been modified or tires of a size other than specified are installed
- If the front of the vehicle is raised or lowered due to the carried load
- When turning while backing up



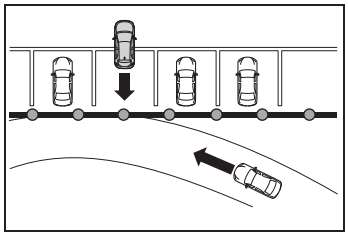
- When a vehicle turns into the detection area



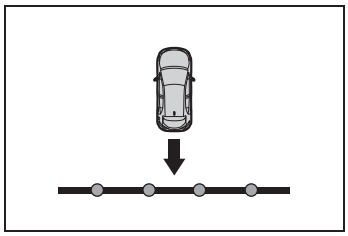
■ Situations in which the system may operate even if there is no possibility of a collision

Instances of the RCTA function unnecessary detecting a vehicle and/or object may increase in the following situations:

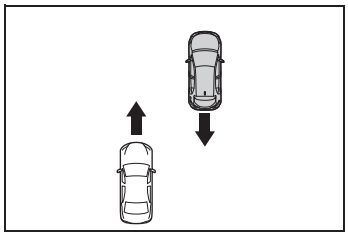
- When the parking space faces a street and vehicles are being driven on the street



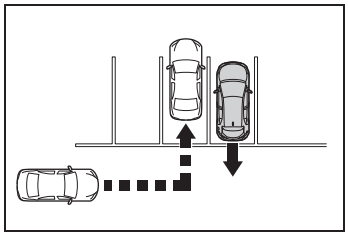
- When the distance between your vehicle and metal objects, such as a guardrail, wall, sigh, or parked vehicle,which may reflect electrical waves toward the rear of the vehicle, is short



- When equipment that may obstruct a sensor is installed, such as a towing eyelet, bumper protector (an additional trim strip, etc.), bicycle carrier, or snow plow
- When a vehicle passes by the side of your vehicle



- When a detected vehicle turns while approaching the vehicle



- When there are spinning objects near your vehicle such as the fan of an air conditioning unit
- When water is splashed or sprayed toward the rear bumper, such as from a sprinkler
- Moving objects (flags, exhaust fumes, large rain droplets or snowflakes, rain water on the road surface, etc.)
- When the distance between your vehicle and a guardrail, wall, etc., that enters the detection area is short
- Gratings and gutters
- When a sensor or the area around a sensor is extremely hot or cold
- If the suspension has been modified or tires of a size other than specified are installed
- If the front of the vehicle is raised or lowered due to the carried load

PKSB (Parking Support Brake)*

*: If equipped

The Parking Support Brake system consists of the following functions that operate when driving at a low speed or backing up, such as when parking. When the system determines that a collision with a detected object is high, a warning operates to urge the driver to take evasive action. If the system determines that the possibility of a collision with a detected object is extremely high, the brakes are automatically applied to help avoid the collision or help reduce the impact of the collision.

PKSB (Parking Support Brake) system

■ Parking Support Brake function (static objects) (if equipped)

Ultrasonic sensors are used to detect static objects, such as a wall, in the detection area when driving at a low speed or backing up. (→P.314)

■ Parking Support Brake function (rear-crossing vehicles) (if equipped)

Rear radar sensors are used to detect approaching vehicles in the detection area behind the vehicle when backing up. (→P.317)

⚠ 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 sensorsand 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

WARNING

- When loading the vehicle onto a boat, truck or other transport vessel
- If the suspension has been modified or tires of a size other than specified are installed
- If the front of the vehicle is raised or lowered due to the carried load
- When equipment that may obstruct a sensor is installed, such as a towing eyelet, bumper protector (an additional trim strip, etc.), bicycle carrier, or snow plow
- When using 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 a tire chains, compact spare tire or an emergency tire puncture repair kit is used
- When your vehicle is towing a trailer or during emergency towing

■ Precautions for the suspension

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. Do not modify the suspension.

NOTICE

■ If "System Stopped See Owner's Manual" is displayed on the multi-information display and the driving assist information indicator is illuminated

If this message is displayed immediately after the power switch is changed to ON, operate the vehicle carefully, paying attention to your surroundings. It may be necessary to drive the vehicle for a certain amount of time before the system returns to normal. (If the system does not return to normal after driving for a while, clean the sensors and their surrounding area on the bumpers.)

Enabling/Disabling the Parking Support Brake

The Parking Support Brake can be enabled/disabled on the multi-information display. All of the Parking Support Brake functions (static objects and rear-crossing vehicles) are enabled/disabled simultaneously.

Use the meter control switches to enable/disable the parking support brake. (→P.110, 116)

▶ 7-inch display

1 Press ∧ or ∨ to select ⚙.

2 Press ‹ or › to select  and then press OK.

▶ 12.3-inch display

1 Press ‹ or › to select ⚙.

2 Press ∧ or ∨ to select  and then press OK .

When the Parking Support Brake is disabled, the Driving assist information indicator (→P.96) illuminates.

To re-enable the system when it was disabled, select ⚙ on the multi-information display, select  and then On. If disabled using this method, the system will not be re-enabled by turning the power switch off and then to ON.

Displays and buzzers for hybrid system output restriction control and brake control

If the hybrid system output restriction control or brake control operates, a buzzer will sound and a message will be displayed on the multi-information display, to alert the driver.

Depending on the situation, hybrid system output restriction control will operate 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.

Multi-information display: “Object Detected Ahead Speed Reduced”

Driving assist information indicator: Not illuminated

Buzzer: Does not sound

- Hybrid system output restriction control is operating (output restricted as much as possible)

The system has determined that stronger-than-normal brake operation is necessary.

Multi-information display: “BRAKE!”

Driving assist information indicator: Not illuminated

Buzzer: Short beep

- Brake control is operating

The system determined that emergency braking is necessary.

Multi-information display: “BRAKE!”

Driving assist information indicator: Not illuminated

Buzzer: Short beep

- Vehicle stopped by system operation

The vehicle has been stopped by brake control operation.

Multi-information display: “Switch to Brake” (If the accelerator pedal is not depressed, “Press Brake Pedal” will be displayed.)

Driving assist information indicator: Illuminated

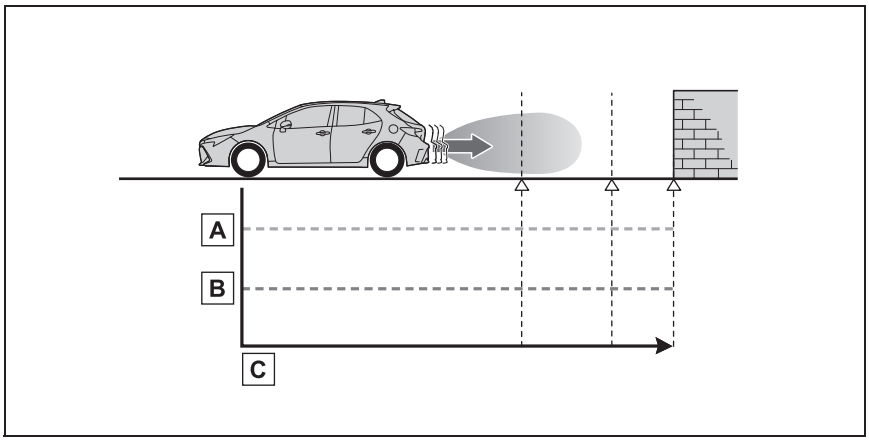
Buzzer: Sounds repeatedly

System overview

If the Parking Support Brake determines that a collision with a detected object or pedestrian is possible, the hybrid system output will be restricted to restrain any increase in the vehicle speed. (Hybrid system output restric-

tion control: See figure 2.)
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 disabled

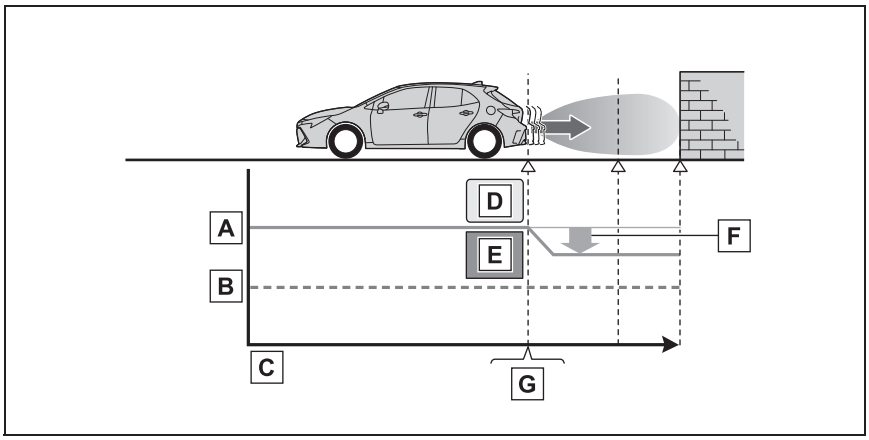


A Hybrid system output

B Braking force

C Time

- Figure 2: When hybrid system output restriction control operates



A Hybrid system output

B Braking force

C Time

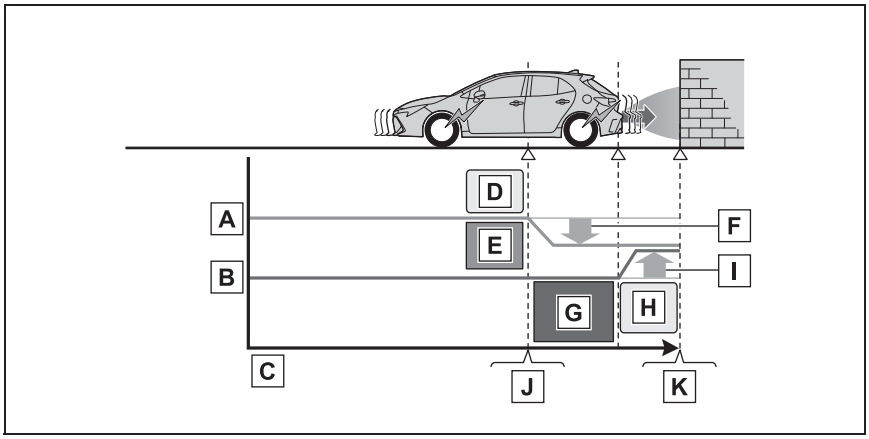
D Hybrid system output restriction control begins operating

E System determines that possibility of collision with detected object is high

F Hybrid system output reduced

G Example: Multi-information display: “BRAKE!”

- Figure 3: When brake control operates



A Hybrid system output

B Braking force

C Time

D Hybrid system output restriction control begins operating

E System determines that possibility of collision with detected object is high

F Hybrid system output reduced

G System determines that possibility of collision with detected object is extremely high

H Brake control begins operating

I Brake control strength increased

J Example: Multi-information display: “BRAKE!”

K Example: Multi-information display: “Switch to Brake”

■ **If the Parking Support Brake has operated**

If the vehicle is stopped due to operation of the Parking Support Brake, the Parking Support Brake will be disabled and the driving assist information indicator will illuminate. If the Parking Support Brake operates unnecessarily, brake control can be canceled by depressing the brake pedal or waiting for approximately 2 seconds for it to automatically be canceled. Then, the vehicle can be operated by depressing the accelerator pedal.

■ **Re-enabling the Parking Support Brake**

To re-enable the Parking Support Brake when it is disabled due to operation of the Parking Support Brake, either enable the system again (→P.309), or turn the power switch off and then back to ON. Also in the following situations, the Parking Support Brake will be re-enabled automatically and the driving assist information indicator will turn off. (→P.97, 98)

■ **If "System Stopped See Owner's Manual" is displayed on the multi-information display and the driving assist information indicator is illuminated**

- A sensor may be covered with water droplets, ice, snow, dirt, etc. Remove the water droplets, ice, snow, dirt, etc., from the sensor to return the system to normal.
  Also in a cold weather, if a sensor is frozen, the malfunction display may be displayed or detectable objects may not be detected.
- If the display is displayed even though the dirt is removed from the sensor or the sensor is not dirty, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

■ **Toyota parking-assist sensor buzzer**

Regardless of whether the Toyota parking-assist sensor is on or off, when the Parking Support Brake is enabled (→P.309) and the brake control and hybrid system output restriction control are operated, the buzzer of the Toyota parking-assist sensor will also sound, ready to notify you of an approximate distance to a detectable object.

Parking Support Brake function (static objects)*

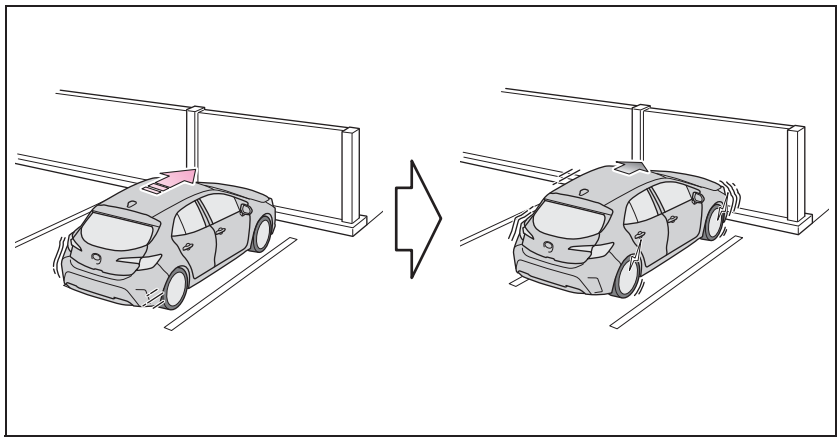
*: If equipped

If the sensors detect a static object, such as a wall, in the travelling 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 lever being selected, or while parking or traveling at low speeds, the system will operate to lessen the impact with the detected static object and reduce the resulting damage.

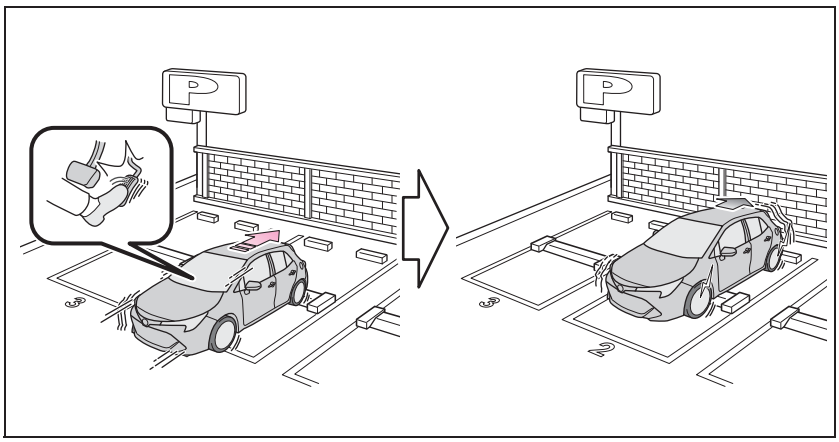
Examples of function operation

This function will operate in situations such as the following if an object is detected in the traveling direction of the vehicle.

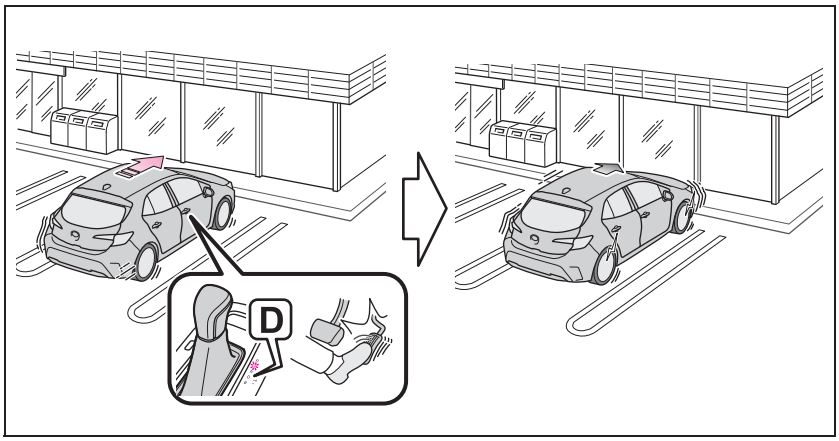
■ **When traveling at a low speed and the brake pedal is not depressed, or is depressed late**



■ When the accelerator pedal is depressed excessively



■ When the vehicle moves in the unintended direction due to the wrong shift lever being selected



Types of sensors

→P.295

WARNING

■ To ensure the system can operate properly

→P.297

■ If the PKSB (Parking Support Brake) operates unnecessarily, such as at a railroad crossing

→P.313

■ Notes when washing the vehicle

→P.297

■ **The Parking Support Brake function (static object) will operate when**

The function will operate when the driving assist information indicator is not illuminated (→P.97, 98) 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) will stop operating when**

The function will stop operating if any of the following conditions are met:

● Hybrid system output restriction control
- The Parking Support Brake is disabled.
- The system determines that the collision has become avoidable with normal brake operation.
- The static object is no longer approximately 2 to 4 m (6 to 13 ft.) away from the vehicle or in the traveling direction of the vehicle.

● Brake control
- The Parking Support Brake is disabled.
- Approximately 2 seconds have elapsed since the vehicle was stopped by brake control.
- The brake pedal is depressed after the vehicle is stopped by brake control.
- The static object is no longer approximately 2 to 4 m (6 to 13 ft.) away from the vehicle or in the traveling direction of the vehicle.

■ **Detection range of the Parking Support Brake function (static objects)**

The detection range of the Parking Support Brake function (static objects) differs from the detection range of the Toyota parking assist-sensor. (→P.300) Therefore, even if the Toyota parking assist-sensor detects an object and provides a warning, the Parking Support Brake function (static objects) may not start operating.

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

→P.298

■ **Situations in which the system may operate even if there is no possibility of a collision**

→P.299

Parking Support Brake function (rear-crossing vehicles)*

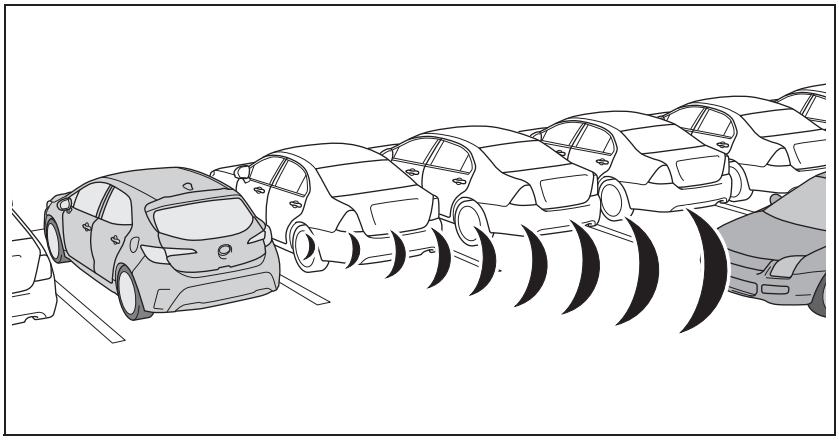
*: If equipped

If a rear side radar sensor detects a vehicle approaching from the right or left at the rear of the vehicle and the system determines that the possibility of a collision is high, this function will perform brake control to reduce the likelihood of an impact with the approaching vehicle.

Examples of function operation

This function will operate in situations such as the following if a vehicle is detected in the traveling direction of the vehicle.

■ **When reversing, a vehicle is approaching and the brake pedal is not depressed, or is depressed late**



Types of sensors

→P.291

WARNING

■ **To ensure the system can operate properly**

→P.291

■ **The Parking Support Brake function (rear-crossing vehicles) will operate when**

The function will operate when the driving assist information indicator is not illuminated (→P.97, 98) and all of the following conditions are met:

- Hybrid system output restriction control
- The Parking Support Brake is ena-

bled.
- The vehicle speed is approximately 15 km/h (9 mph) or less.
- Vehicles which 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 lever is in R.
- The Parking Support Brake determines that a stronger than normal brake operation is necessary to avoid a collision with an approaching vehicle.

● Brake control
- Hybrid system output restriction control is operating.
- The Parking Support Brake determines that an emergency brake operation is necessary to avoid a collision with an approaching vehicle.

■ The Parking Support Brake function (rear-crossing vehicles) will stop operating when

The function will stop operating if any of the following conditions are met:

● Hybrid system output restriction control
- The Parking Support Brake is disabled.
- The collision becomes avoidable with normal brake operation.
- A vehicle is no longer approaching from the right or left at the rear of the vehicle.

● Brake control
- The Parking Support Brake is disabled.
- Approximately 2 seconds have elapsed since the vehicle was stopped by brake control.
- The brake pedal is depressed after the vehicle is stopped by brake control.
- A vehicle is no longer approaching from the right or left at the rear of the vehicle.

■ Detection area of the Parking Support Brake function (rear-crossing vehicles)

The detection area of the Parking Support Brake function (rear-crossing vehicles) differs from the detection area of the RCTA function (→P.304). Therefore, even if the RCTA function detects a vehicle and provides an alert, the Parking Support Brake function (rear-crossing vehicles) may not start operating.

■ RCTA buzzer

Regardless of whether the RCTA function is on or off, when the PKSB (Parking Support Brake) is enabled and the brake control is operated, a buzzer will sound to alert the driver.

■ Situations in which the system may not operate properly

→P.305

■ Situations in which the system may operate even if there is no possibility of a collision

→P.306

Safe Exit Assist*

*: If equipped

The safe exit assist is a system that uses rear side radar sensors installed on the inner side of the rear bumper to help occupants judge if an approaching vehicle or bicycle may collide with a door when opening it or cancel opening of the door, to reduce the possibility of a collision.

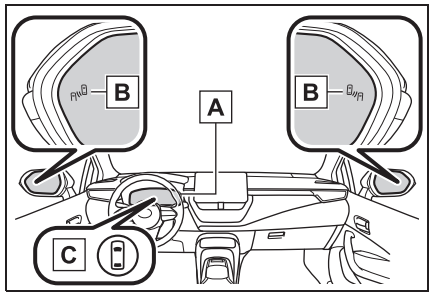
WARNING

■ 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 Multi-information display

Turning the safe exit assist on/off.

When the system determines that the possibility of a collision with a door is high, the target door is displayed on the multi-information display. Also, if the door is opened when the outside rear view mirror indicator is illuminated, a buzzer will sound as a warning.

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 on the detected side will illuminate. When a door on the detected side is opened, the outside rear view mirror indicator will flash.

C Driving assist information indicator

Illuminates when the safe exit assist is turned off. At this time, “Safe Exit Assist OFF” 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.513)

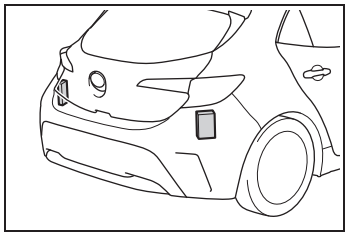
WARNING

■ **To ensure the system can operate properly**

Safe exit assist sensors are installed behind the left and right sides of the rear bumper respectively. Observe the following to ensure the safe exit assist can operate correctly.

- Keep the sensors and the surrounding areas on the rear bumper clean at all times.

If a sensor or its surrounding area on the rear bumper is dirty or covered with snow, the Safe Exit Assist 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 SEA function 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 rear bumper.
- Do not subject a sensor or its surrounding area on the rear bumper to a strong impact.
  If a sensor is moved even slightly off position, the system may malfunction and vehicles may not be detected correctly.
  In the following situations, have your vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
  - A sensor or its surrounding area is subject to a strong impact.
  - If the surrounding area of a sensor is scratched or dented, or part of them has become disconnected.
- Do not disassemble the sensor.
- Do not modify the sensor or surrounding area on the rear bumper.
- If a sensor or the rear bumper needs to be removed/installed or replaced, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- Do not paint the rear bumper any color other than an official Toyota color.

Turning the Safe exit assist system ON/OFF

The safe exit assist can be enabled/disabled on ⚙ of the multi-information display. (→P.513)

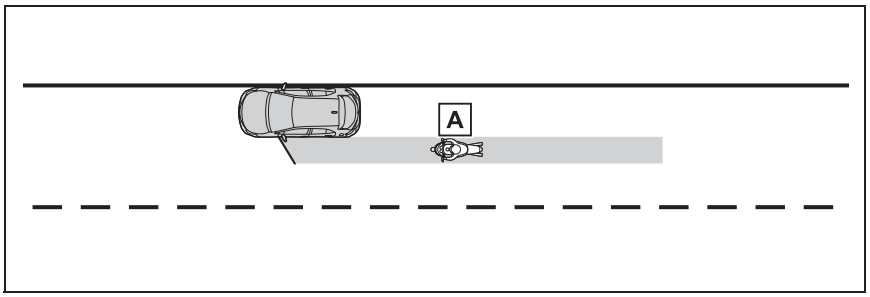
When the safe exit assist is off, the driving assist information indicator will illuminate. At this time, “Safe

Exit Assist OFF" will be displayed on the multi-information display. Each time the power switch is turned to ON, the safe exit assist is enabled.

Safe exit assist operation

■ Objects that can be detected by the Safe exit assist

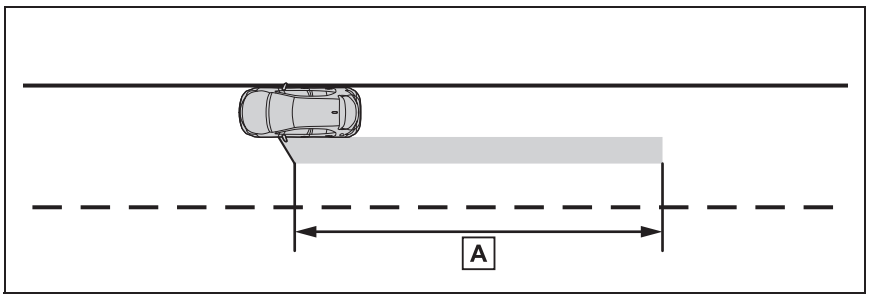
When the safe exit assist detects the following vehicles or bicycles behind your vehicle using a rear side radar sensor, the occupants of the vehicle are informed through an outside rear view mirror indicator, buzzer, and the multi-information display.



A Vehicle or bicycle which has a high possibility of colliding with a door (other than the back door) when opened

■ The Safe exit assist detection areas

The areas that vehicles can be detected in are outlined below.



A Approximately 45 m (145 ft.) rearward from the front door*

*: The faster a vehicle or bicycle is approaching, the distance at which an outside rear view mirror indicator will illuminate or blink will become further.

■ The Safe exit assist is operational when

The Safe exit assist is operational when all of the following conditions are met:

- When the power switch is ON, less than 3 minutes have elapsed since the hybrid system was off, or less than 3 minutes have elapsed since a door was opened and someone has entered the vehicle (the time which operation is possible may be extended if a door is opened and closed)
- Safe exit assist is on
- The vehicle is stopped.
- The shift lever is in a position other than R.

The Safe exit assist will detect a vehicle when

The Safe exit assist will detect a vehicle present in the detection area in the following situations:

- When the vehicle is stopped and a vehicle or bicycle, which is traveling parallel to the vehicle, is approaching within the area that a door opens (other than the back door)

Conditions under which the system will not detect a vehicle

- Safe exit assist does not detect the following objects, vehicles, and bicycles:
  - Vehicles or bicycles which are approaching slowly*
  - Vehicles or bicycles which are determined to have a low possibility of colliding with a door (other than the back door) when opened*
  - Vehicles or bicycles which are approaching from directly behind*
  - Vehicles or bicycles which are approaching from the front*
  - Guardrails, walls, signs, parked vehicles, and other stationary objects*
  - Pedestrians, animals, etc.*

  *: Depending on the conditions, detection of a vehicle and/or object may occur.
- In situations such as the following, safe exit assist will not operate:
  - When 3 minutes or more have elapsed since the engine off (the time which operation is possible may be extended if a door is opened and closed)
  - When your vehicle is not completely stopped

Conditions under which the system may not function correctly

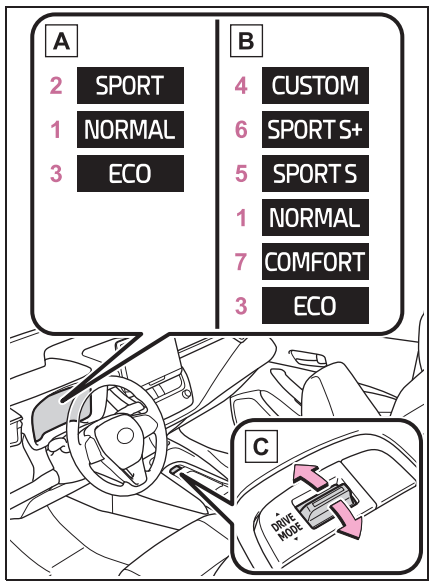
- The Safe exit assist may not detect vehicles correctly in the following situations:
  - When the sensor is misaligned due to a strong impact to the sensor or its surrounding area
  - When mud, snow, ice, a sticker, etc. is covering the sensor or surrounding area on the rear bumper
  - When driving on a road surface that is wet with standing water during bad weather, such as heavy rain, snow, or fog
  - When a vehicle or bicycle approaches from behind a nearby parked vehicle
  - When an approaching vehicle or bicycle suddenly changes direction
  - Immediately after a vehicle or bicycle starts moving
  - When the back door is open
  - When a bicycle carrier, ramp, or other accessory is installed to the back of the vehicle
  - When a parked vehicle, wall, sign, person or other stationary object is behind the vehicle
  - When the vehicle is stopped at an angle to the road
  - When a vehicle is traveling near an approaching vehicle or bicycle
  - When an approaching vehicle or bicycle is traveling along a stationary object, such a wall or sign
  - When a vehicle or bicycle is approaching at high speed
  - When towing with the vehicle
  - When stopped on a steep slope
  - When stopped on a curve or at the exit of a curve
- Instances of the Safe exit assist unnecessarily detecting a vehicle and/or object may increase in the following situations:

- When the sensor is misaligned due to a strong impact to the sensor or its surrounding area
- When a vehicle or bicycle approaches from behind your vehicle at an angle
- 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

Driving mode select switch

The driving modes can be selected to suit driving condition.

Selecting a drive mode



A Multi-information display (without an Adaptive Variable Suspension System)

B Multi-information display (with an Adaptive Variable Suspension System)

C Driving mode select switch

Operate the driving mode select switch forward or backward to select the desired driving mode on the multi-information display.

1 Normal mode

Provides an optimal balance of fuel economy, quietness, and dynamic performance. Suitable for normal driving.

2 Sport mode

Controls the hybrid system to provide quick, powerful acceleration. This mode also changes the steering feel, making it suitable for when agile driving response is desired, such as when driving on roads with many curves.

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

3 Eco drive mode

Helps the driver accelerate in an eco-friendly manner and improve fuel economy through moderate throttle characteristics and by controlling the operation of the air conditioning system (heating/cooling).

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

4 Custom mode

Allows you to drive with the powertrain, chassis and air conditioning system functions set to your preferred settings. Custom mode settings can only be changed on the drive mode customization display of the Multi-information Display. (→P.513)

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

5 Sport S mode

Controls the hybrid system to provide quick, powerful acceleration. This mode is suitable for when agile driving response is desired, such as when driving on roads with many curves.

When Sport S mode is selected, Sport S mode indicator comes on.

6 Sport S+ mode

Helps to ensure steering performance and driving stability by simultaneously controlling the steering and suspension in addition to Sport S. Suitable for sportier driving.

When Sport S+ mode is selected, Sport S+ mode indicator comes on.

7 Comfort mode

By controlling the suspension, riding comfort is further enhanced. Suitable for city driving.

When Comfort mode is selected, Comfort mode indicator comes on.

■ **Operation of the air conditioning system in Eco drive mode**

Eco drive mode controls the heating/cooling operations and fan speed of the air conditioning system to enhance fuel efficiency. To improve air conditioning performance, perform the following operations:

- Turn off air conditioning eco mode (→P.338)
- Adjust the fan speed (→P.340)
- Turn off Eco drive mode

■ **Automatic deactivation of Sport mode/Sport S mode/Sport S+ mode**

If the power switch is turned off after driving in Sport mode, the drive mode will be changed to normal mode.

GPF (Gasoline Particulate Filter) system

The GPF system collects particulate matter in the exhaust gas by using an exhaust gas filter.
The system will operate to regenerate the filter automatically, depending on the vehicle conditions.

If "Exhaust Filter Full See Owner's Manual" is shown on the multi-information display

- The message may be displayed while high load driving with particulate matter accumulating.
- Hybrid system output (engine speed) is restricted when a certain amount of particulate matter accumulates, however, it is possible to drive the vehicle unless the malfunction indicator lamp comes on.
- Particulate matter can accumulate more quickly if the vehicle is frequently driven short trips or at low speeds, or if the hybrid system is regularly started in an extremely cold environment. Excessive accumulation of particulate matter can be prevented by periodically driving long distances continuously with intermittent releasing of the accelerator pedal, such as when driving on highways and freeways.

If the malfunction indicator lamp comes on or "Hybrid System Malfunction Output Power Reduced Visit Your Dealer" is shown on the multi-information display

The amount of accumulated particulate matter has exceeded a certain level. Have the vehicle inspected by any authorized 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

■ **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

■ **Adaptive Variable Suspension System (if equipped)**

By independently controlling the damping force of the shock absorbers for each of the 4 wheels according to the road and driving conditions, this system helps riding comfort with superior vehicle stability, and helps good vehicle posture. Also, the damping force changes depending on the selected driving mode. (→P.323)

■ **VSC (Vehicle Stability Control)**

Helps the driver to control skidding when swerving suddenly or turning on slippery road surfaces.

■ **VSC+ (Vehicle Stability Control+)**

Provides cooperative control of the ABS, TRC, VSC and EPS.
Helps to maintain directional stability when swerving on slippery road surfaces by controlling steering performance.

■ **TRC (Traction Control)**

Helps to maintain drive power and prevent the drive wheels from spinning when starting the vehicle or accelerating on slippery roads

■ **Active Cornering Assist (ACA)**

Helps to prevent the vehicle from drifting to the outer side by performing inner wheel brake control when attempting to accelerate while turning

■ **Hill-start assist control**

Helps to reduce the backward movement of the vehicle when starting on an uphill

■ **EPS (Electric Power Steering)**

Employs an electric motor to reduce the amount of effort needed to turn the steering wheel.

■ **Emergency brake signal**

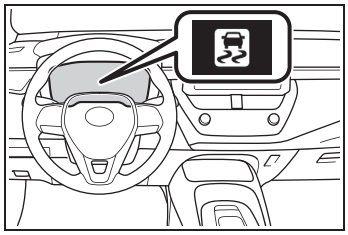
When the brakes are applied suddenly, the emergency flashers automatically flash to alert the vehicle behind.

■ 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.

■ When the TRC/VSC systems are operating

The slip indicator light will flash while the TRC/VSC systems are operating.



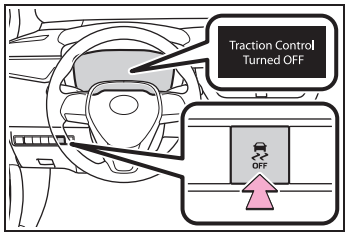
■ Disabling the TRC system

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.

To turn the TRC system off, quickly press and release OFF.

The “Traction Control Turned OFF” will be shown on the multi-information display.

Press OFF again to turn the system back on.



■ Turning off both TRC and VSC systems

To turn the TRC and VSC systems off, press and hold OFF for more than 3 seconds while the vehicle is stopped.

The VSC OFF indicator light will come on and the “Traction Control Turned OFF” will be shown on the multi-information display.*

Press OFF again to turn the system back on.

*: On vehicles with PCS (Pre-Collision System), PCS will also be disabled (only Pre-Collision warning is available). The PCS warning light will come on and a message will be displayed on the multi-information display. (→P.253)

■ When the message is displayed on the multi-information display showing that TRC has been disabled 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 four conditions are met, the hill-start assist control will operate:

- The shift lever is in a position other than P or N (when starting off for-

ward/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 turned to 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 lever is shifted to P or N
- The accelerator pedal is depressed
- The parking brake is engaged
- 2 seconds at maximum elapsed after the brake pedal is released
- The power switch is turned to ON

■ Sounds and vibrations caused by the ABS, brake assist, VSC, TRC and hill-start assist control systems

- A sound may be heard from the engine compartment when the brake pedal is depressed repeatedly, when the hybrid system is started or just after the vehicle begins to move. This sound does not indicate that a malfunction has occurred in any of these systems.
- Any of the following conditions may occur when the above systems are operating. None of these indicates that a malfunction has occurred.
  - Vibrations may be felt through the vehicle body and steering.
  - A motor sound may be heard also after the vehicle comes to a stop.

■ Active Cornering Assist operation sounds and vibrations

When the Active Cornering Assist is operated, operation sounds and vibrations may be generated from the brake system, but this is not a malfunction.

■ Automatic reactivation of TRC and VSC systems

After turning the TRC and VSC systems off, the systems will be automatically re-enabled in the following situations:

- When the power switch is turned off
- If only the TRC system is turned off, the TRC will turn on when vehicle speed increases.
  If both the TRC and VSC systems are turned off, automatic re-enabling will not occur when vehicle speed increases.

■ Operating conditions of Active Cornering Assist

The system operates when the following occurs.

- TRC/VSC can operate
- The driver is attempting to accelerate while turning
- The system detects that the vehicle is drifting to the outer side
- The brake pedal is released

■ Reduced effectiveness of the EPS system

The effectiveness of the EPS system is reduced to prevent the system from overheating when there is frequent steering input over an extended period of time. The steering wheel may feel heavy as a result. Should this occur, refrain from excessive steering input or stop the vehicle and turn the hybrid system off. The EPS system should return to normal within 10 minutes.

■ Operating conditions of emergency brake signal

When the following conditions are met, the emergency brake signal will 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

⚠ 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/VSC is activated

The slip indicator light flashes. Always drive carefully. Reckless driving may cause an accident. Exercise particular care when the indicator light flashes.

WARNING

■ When the TRC/VSC systems are turned off

Be especially careful and drive at a speed appropriate to the road conditions. As these are the systems to help ensure vehicle stability and driving force, do not turn the TRC/VSC systems off unless necessary.

■ Handling of tires and the suspension

Using tires with any kind of problem or modifying the suspension will affect the driving assist systems, and may cause a system to malfunction.

■ Secondary Collision Brake

Do not rely solely upon the Secondary Collision Brake. This system is designed to help reduce the possibility of further damage due to a secondary collision, however, that effect changes according to various conditions. Overly relying on the system may result in death or serious injury.

Hybrid vehicle driving tips

For economical and ecological driving, pay attention to the following points:

Using Eco drive mode

When using Eco drive mode, the torque corresponding to the accelerator pedal depression amount can be generated more smoothly than it is in normal conditions. In addition, the operation of the air conditioning system (heating/cooling) will be minimized, improving the fuel economy. (→P.323)

Use of Hybrid System Indicator

The Eco-friendly driving is possible by keeping the indicate of Hybrid System Indicator within Eco area. (→P.111, 119)

Shift lever operation

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

Accelerator pedal/brake pedal operation

- Drive your vehicle smoothly. Avoid abrupt acceleration and deceleration. Gradual acceleration and deceleration will make more effective use of the electric motor (traction motor) without having to use gasoline engine power.
- Avoid repeated acceleration. Repeated acceleration consumes hybrid battery (traction battery) power, resulting in poor fuel consumption. Battery power can be restored by driving with the accelerator pedal slightly released.

When braking

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

Delays

Repeated acceleration and deceleration, as well as long waits at traffic lights, will lead to bad fuel economy. Check traffic reports before leaving and avoid delays as much as possible. When driving in

a traffic jam, gently release the brake pedal to allow the vehicle to move forward slightly while avoiding overuse of the accelerator pedal. Doing so can help control excessive gasoline consumption.

Highway driving

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

Air conditioning

Use the air conditioning only when necessary. Doing so can help reduce excessive gasoline consumption.
In summer: When the ambient temperature is high, use the recirculated air mode. Doing so will help to reduce the burden on the air conditioning system and reduce fuel consumption as well.
In winter: Because the gasoline engine will not automatically cut out until it and the interior of the vehicle are warm, it will consume fuel. Also, fuel consumption can be improved by avoiding overuse of the heater.

Checking tire inflation pressure

Make sure to check the tire inflation pressure frequently. Improper tire inflation pressure can cause poor fuel economy.
Also, as snow tires can cause large amounts of friction, their use on dry roads can lead to poor fuel economy. Use tires that are appropriate for the season.

Luggage

Carrying heavy luggage will lead to poor fuel economy. Avoid carrying unnecessary luggage. Installing a large roof rack will also cause poor fuel economy.

Warming up before driving

Since the gasoline engine starts up and cuts out automatically when cold, warming up the engine is unnecessary. Moreover, frequently driving short distances will cause the engine to repeatedly warm up, which can lead to excess fuel consumption.

Winter driving tips

Carry out the necessary preparations and inspections before driving the vehicle in winter. Always drive the vehicle in a manner appropriate to the prevailing weather conditions.

Pre-winter preparations

- Use fluids that are appropriate to the prevailing outside temperatures.
  - Engine oil
  - Engine/power control unit coolant
  - Washer fluid
- Have a service technician inspect the condition of the 12-volt battery.
- Have the vehicle fitted with four snow tires or purchase a set of tire chains for the front tires.

Ensure that all tires are the same size and brand, and that chains match the size of the tires.

WARNING

■ Driving with snow tires

Observe the following precautions to reduce the risk of accidents.
Failure to do so may result in a loss of vehicle control and cause death or serious injury.

- Use tires of the size specified.
- Maintain the recommended level of air pressure.
- Do not drive at speeds in excess of the speed limit or the speed limit specified for the snow tires being used.
- Use snow tires on all, not just some wheels.

■ Driving with tire chains

Observe the following precautions to reduce the risk of accidents.
Failure to do so may result in the vehicle being unable to be driven safely, and may cause death or serious injury.

- Do not drive in excess of the speed limit specified for the tire chains being used, or 50 km/h (30 mph), whichever is lower.
- Avoid driving on bumpy road surfaces or over potholes.
- Avoid sudden acceleration, abrupt steering, sudden braking and shifting operations that cause sudden engine braking.
- Slow down sufficiently before entering a curve to ensure that vehicle control is maintained.
- Do not use LTA (Lane Tracing Assist) system.
- Do not use LDA (Lane Departure Alert) 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

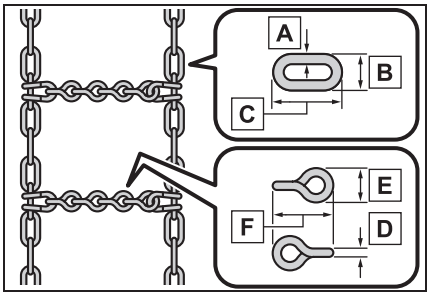
- Park the vehicle and shift the shift lever to P without setting the parking brake. The parking brake may freeze up, preventing it from being released. If the vehicle is parked without setting the parking brake, make sure to block the wheels.
  Failure to do so may be dangerous because it may cause the vehicle to move unexpectedly, possibly leading to an accident.

When the parking brake is in automatic mode, release the parking brake after shifting the shift lever to P. (→P.211)Turn off the power switch while pressing the parking brake switch.

- If the vehicle is parked without setting the parking brake, confirm that the shift lever 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.

Selecting tire chains

Use the correct tire chain size when mounting the tire chains.
Chain size is regulated for each tire size.



A Side chain (3 mm [0.12 in.] in diameter)

B Side chain (10 mm [0.39 in.] in width)

C Side chain (30 mm [1.18 in.] in length)

D Cross chain (4 mm [0.16 in.] in diameter)

E Cross chain (14 mm [0.55 in.] in width)

F Cross chain (25 mm [0.98 in.] in length)

Regulations on the use of tire chains

Regulations regarding the use of tire chains vary depending on location and type of road. Always check local regulations before installing chains.

■ Tire chain installation

Observe the following precautions when installing and removing chains:

- Install and remove tire chains in a safe location.
- Install tire chains on the front tires only. Do not install tire chains on the rear tires.
- Install tire chains on the 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.

5-1. Using the air conditioning system and defogger

Automatic air conditioning system 338

Heated steering wheel/seat heaters 345

5-2. Using the interior lights

Interior lights list..... 347

5-3. Using the storage features

List of storage features 350

Luggage compartment features 353

5-4. Other interior features

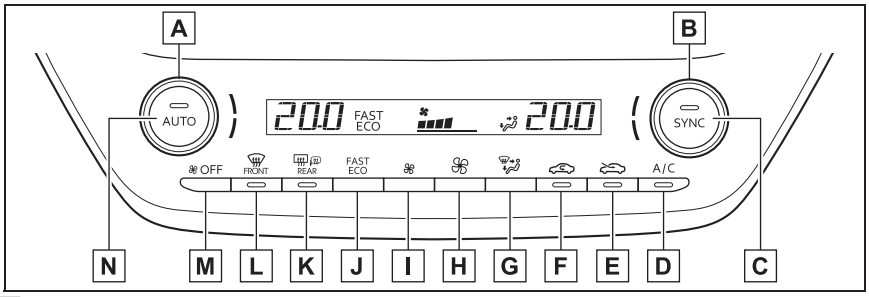
Other interior features..... 362

Automatic air conditioning system

Air outlets are automatically selected and fan speed is automatically adjusted according to the set temperature setting.
The illustrations below are for left-hand drive vehicles.
The button positions and shapes will differ for right-hand drive vehicles.
Also, the display and button positions will differ depending on the type of the system.

Air conditioning controls

▶ Type A



A Left-hand side temperature control switch

B Right-hand side temperature control switch

C “SYNC” switch

D “A/C” switch

E Outside air mode switch

F Recirculated air mode switch

G Airflow mode control switch

H Fan speed increases switch

I Fan speed decreases switch

J “FAST/ECO” switch

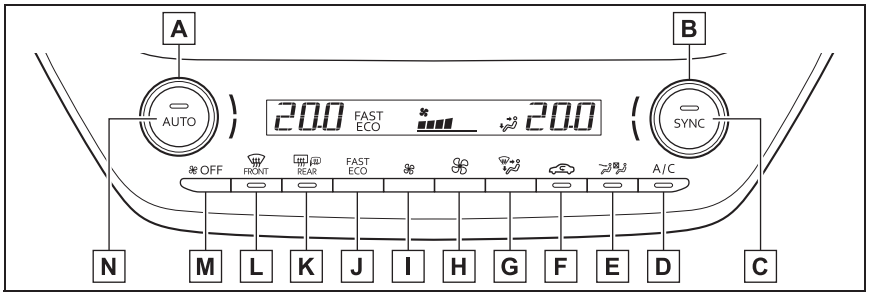
K Rear window defogger and outside rear view mirror defoggers switch

L Windshield defogger switch

M Off switch

N Automatic mode switch

▶ Type B



A Left-hand side temperature control switch

B Right-hand side temperature control switch

C “SYNC” switch

D “A/C” switch

E S-FLOW mode switch

F Outside/recirculated air mode switch

G Airflow mode control switch

H Fan speed increases switch

I Fan speed decreases switch

J “FAST/ECO” switch

K Rear window defogger and outside rear view mirror defoggers switch

L Windshield defogger switch

M Off switch

N Automatic mode switch

■ Adjusting the temperature setting

To adjust the temperature setting, turn the temperature control switch clockwise (warm) or counterclockwise (cool).

If “A/C” switch is not pressed, the system will blow ambient temperature air or heated air.

The air conditioning system switches between individual and synchronized modes each time “SYNC” switch is pressed.

Synchronized modes (indicator on):

The driver’s side temperature control switch can be used to adjust the temperature for the driver’s and front passenger’s side. At this time, operate the

passenger's side temperature control switch to enter individual mode.

Individual modes (indicator off):

The temperature for the driver's and front passenger's side can be adjusted separately.

■ Setting the fan speed

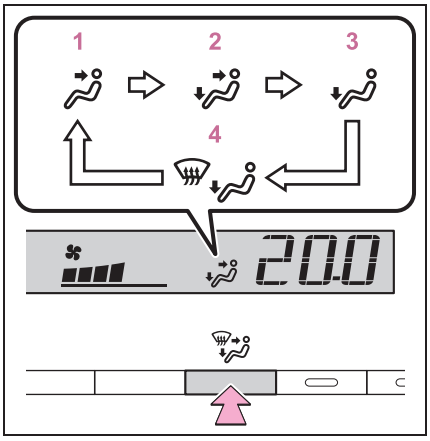
Operate the fan speed increases switch to increase the fan speed and the fan speed decreases switch to decrease the fan speed.

Pressing the off switch to turns off the fan.

■ Change the airflow mode

Press the airflow mode control switch.

The airflow mode changes as follows each time the switch is pressed.



1 Upper body
2 Upper body and feet
3 Feet
4 Feet and the windshield defogger operates

■ Switching between outside air and recirculated air modes

▶ Type A

- To change to recirculated air mode, press the recirculated air mode switch.

The indicator illuminates on the recirculated air mode switch.

- To change to outside air mode, press the outside air mode switch.

The indicator illuminates on the outside air mode switch.

▶ Type B

Press the outside/recirculated air mode switch.

The mode switches between outside air mode and recirculated air mode modes each time the switch is operated.
When recirculated air mode is selected, the indicator illuminates on the outside/recirculated air mode switch.

■ Set cooling and dehumidification function

Press 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 a while.

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.

■ Using the Climate Preference

1 Press the automatic mode switch.

2 Press the “FAST/ECO” switch.

Each time the “FAST/ECO” switch is pressed, the fan speed setting mode toggles as follows.

Normal→“ECO”→“FAST”→Normal

When “ECO” is displayed on the air conditioning screen, the air conditioning is controlled with low fuel consumption prioritized such as reducing fan speed, etc.

When “FAST” is displayed on the screen, fan speed will be increased.

■ Fogging up of the windows

- The windows will easily fog up when the humidity in the vehicle is high. Turning “A/C” on will dehumidify the air from the outlets and defog the windshield effectively.
- If you turn “A/C” off, the windows may fog up more easily.
- The windows may fog up if the recirculated air mode is used.

■ When driving on dusty roads

Close all windows. If dust thrown up by the vehicle is still drawn into the vehicle after closing the windows, it is recommended that the air intake mode be set to outside air mode and the fan speed to any setting except off.

■ Outside/recirculated air mode

- Setting to the recirculated air mode temporarily is recommended in preventing dirty air from entering the vehicle interior and helping to cool the vehicle when the outside air temperature is high.
- Outside/recirculated air mode may automatically switch depending on the temperature setting or the inside temperature.

■ Operation of the air conditioning system in Eco drive mode

- In Eco drive mode, the air conditioning system is controlled as follows to prioritize 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.323)
- Even when the drive mode is set to

Eco drive mode, the air conditioning eco mode can be turned off by pressing the “FAST/ECO” switch. (→P.341)

■ When the outside temperature falls to nearly 0°C (32°F)

The dehumidification function may not operate even when “A/C” switch is pressed.

■ 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.417

■ Using the voice command system (vehicles with multimedia system)

Air conditioning system can be operated using voice commands.

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

■ Customization

Some functions can be customized. (→P.513)

⚠ WARNING

■ To prevent the windshield from fogging up

Do not use the windshield defogger switch during cool air operation in extremely humid weather. The difference between the temperature of the outside air and that of the windshield can cause the outer surface of the windshield to fog up, blocking your vision.

■ When the outside rear view mirror defoggers are operating

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

NOTICE

■ To prevent 12-volt battery discharge

Do not leave the air conditioning system on longer than necessary when the hybrid system is off.

Using automatic mode

1. Press the automatic mode switch.
2. Adjust the temperature setting.
3. To stop the operation, press the off switch.

If the fan speed setting or air flow modes are operated, the automatic mode indicator goes off. However, automatic mode for functions other than that operated is maintained.

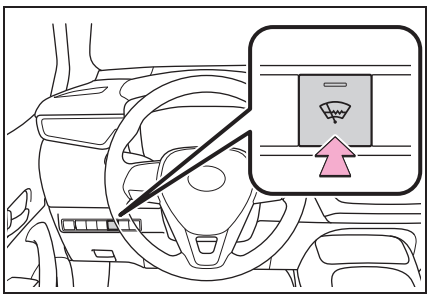
■ Using automatic mode

Fan speed is adjusted automatically according to the temperature setting and the ambient conditions.

Therefore, the fan may stop for a while

until warm or cool air is ready to flow immediately after the automatic mode switch pressed.

Windshield wiper de-icer (if equipped)



Prevent ice from building up on the windshield and wiper blades.

When the windshield wiper de-icer switch is on, the indicator illuminates on the windshield wiper de-icer switch.

The windshield wiper de-icer will automatically turn off after a period of time.

WARNING

■ To prevent burns

Do not touch the glass at lower part of the windshield or to the side of the front pillars when the windshield wiper de-icer is on.

Using front seat concentrated airflow mode (S-FLOW) (if equipped)

Directing airflow to the front seats only and to all seats can be switched via switch operation. Unnecessary air conditioning is suppressed, contributing to increased fuel efficiency.

Press the S-FLOW mode switch and switch the airflow.

- Indicator illuminated: Airflow to the front seats only
- Indicator off: Airflow to all the seats

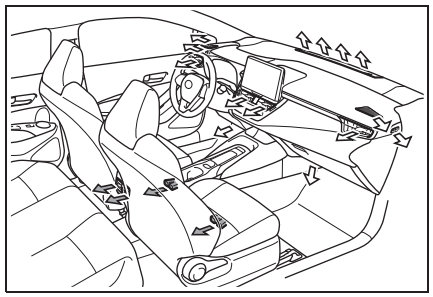
■ Operation of airflow control

Even if the function is switched to directing airflow to only the front seats, when a rear seat is occupied, it may automatically direct airflow to all seats.

Air outlet layout and operations

■ Location of air outlets

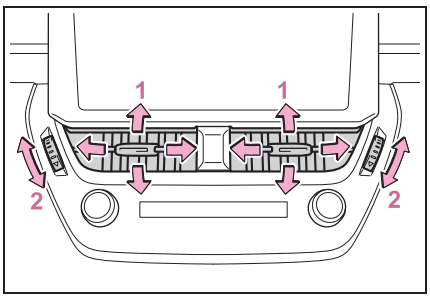
The air outlets and air volume changes according to the selected air flow mode.



⇦: If equipped

■ **Adjusting the position of and opening and closing the air outlets**

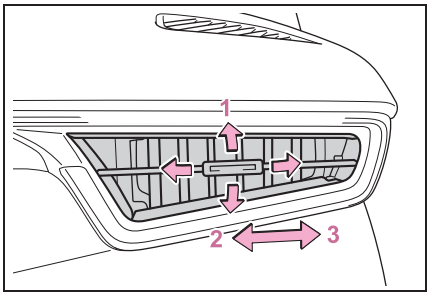
▶ Front center



1 Direct air flow to the left or right, up or down

2 Turn the knob to open or close the vent

▶ Front right-hand side

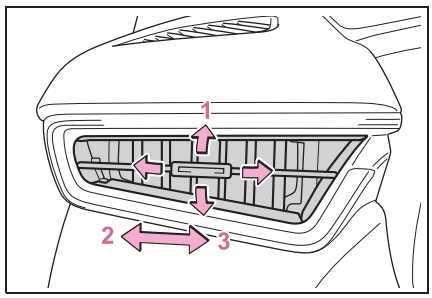


1 Direct air flow to the left or right, up or down

2 Open the vent

3 Close the vent

▶ Front left-hand side

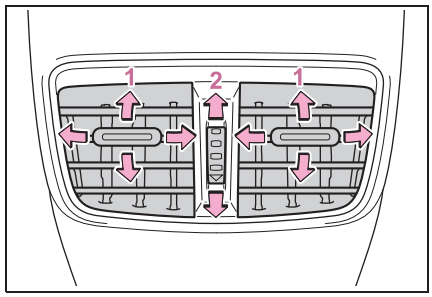


1 Direct air flow to the left or right, up or down

2 Close the vent

3 Open the vent

▶ Rear center (if equipped)



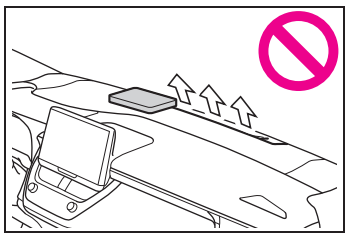
1 Direct air flow to the left or right, up or down

2 Turn the knob to open or close the vent

WARNING

■ To prevent the windshield defogger from operating improperly

Do not place anything on the instrument panel which may cover the air outlets. Otherwise, air flow may be obstructed, preventing the windshield defoggers from defogging.



Heated steering wheel*/seat heaters*

*: If equipped

- Heated steering wheel

Warms up the grip of the steering wheel

- Seat heaters

Warm up 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

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

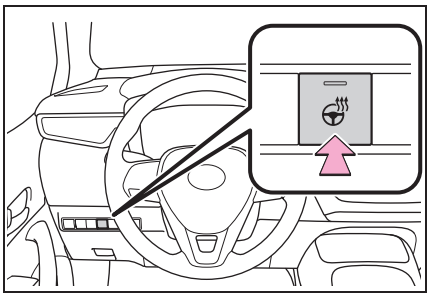
Do not use the functions when the hybrid system is off.

Operation instructions

■ Heated steering wheel

Turns heated steering wheel on/off

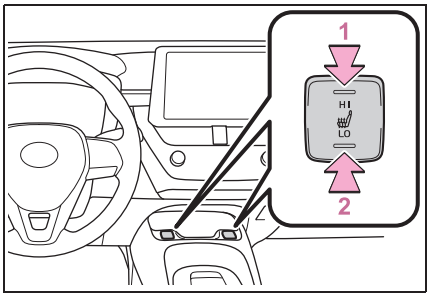
When the heated steering wheel is on, the indicator illuminates on the heated steering wheel switch.



■ Seat heaters

▶ Front

Turns seat heaters on/off



1 High temperature

2 Low temperature

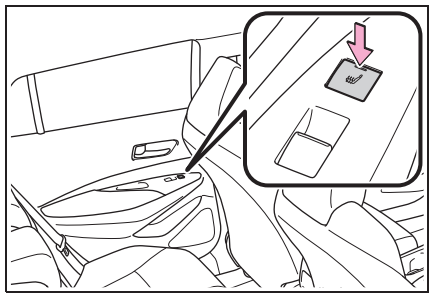
When the seat heater is on, the indicator illuminates on the seat heater switch.

When not in use, put the switch in the neutral position. The indicator will turn off.

▶ Rear

Turns seat heaters on/off

When the seat heater is on, the indicator illuminates on the seat heater switch.



■ The heated steering wheel and seat heaters can be used when

The power switch is in ON.

⚠ WARNING

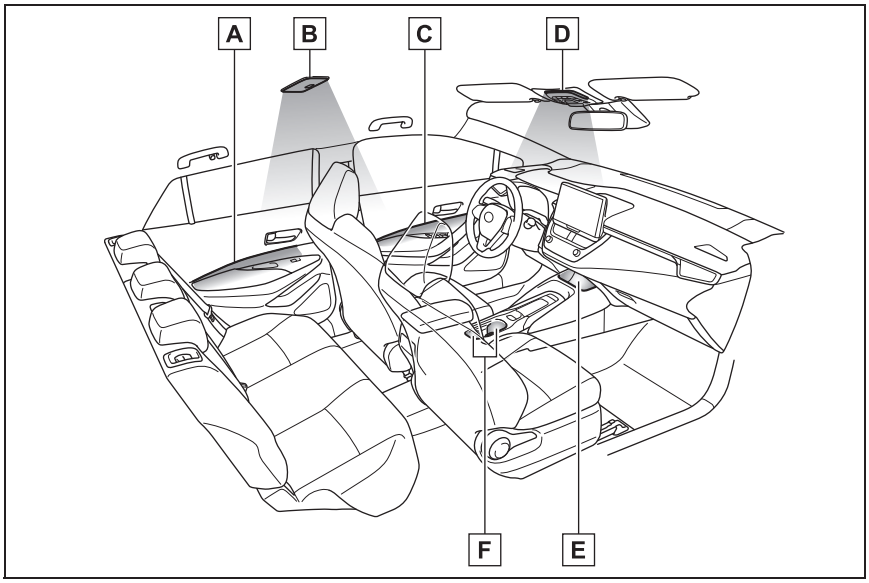
■ To prevent overheating and minor burn injuries

Observe the following precautions when using the seat heaters.

- Do not cover the seat with a blanket or cushion when using the seat heater.
- Do not use seat heater more than necessary.

Interior lights list

Location of the interior lights



A Rear door trim lights (wagon) (if equipped)

B Rear interior light (if equipped) (→P.348)
Rear personal light (if equipped) (→P.348)

C Front door trim lights (if equipped)

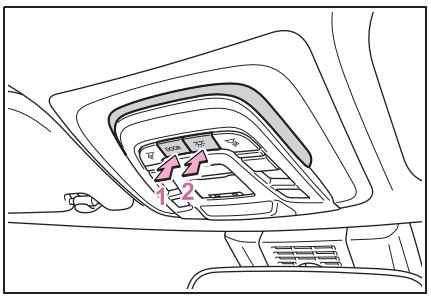
D Front interior/personal lights (→P.347, 348)

E Center tray light (if equipped)

F Cup holder lights (if equipped)

Operating the interior lights

■ **Front**

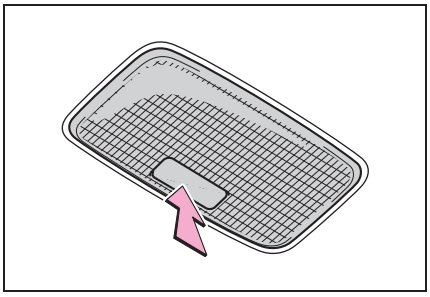


1 Turns the door position on/off

When a door is opened while the door position is on, the lights turn on.

2 Turns the lights on/off

■ Rear (if equipped)



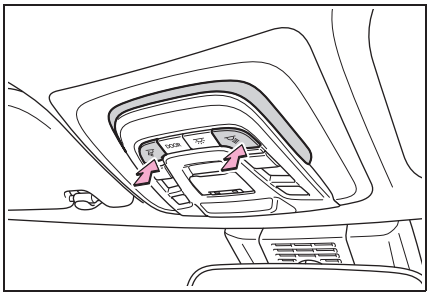
Turns the lights on/off

When the door position is on for the front interior lights, the rear interior light will turn on when a door is open and turn off when all of them are closed.

When the rear interior light is on linked to the door position for the front interior lights, it will not turn off even though the switch is pressed.

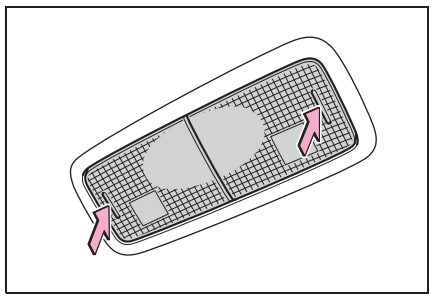
Operating the personal lights

■ Front



Turns the lights on/off

■ Rear (wagon) (if equipped)



Turns the lights on/off

■ Illuminated entry system

The lights automatically turn on/off according to the power switch mode, the presence of the electronic key (vehicles with entry function), 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 off, the lights will go off automatically after 20 minutes.

■ The interior lights may turn on automatically when

If any of the SRS airbags deploy (inflate) or in the event of a strong rear impact, the interior lights will turn on automatically.
The interior lights will turn off automatically after approximately 20 minutes.
The interior lights can be turned off manually. However, in order to help prevent further collisions, it is recommended that they be left on until safety can be ensured.
(The interior lights may not turn on automatically depending on the force of the impact and conditions of the collision.)

■ Customization

Some functions can be customized.
(→P.513)

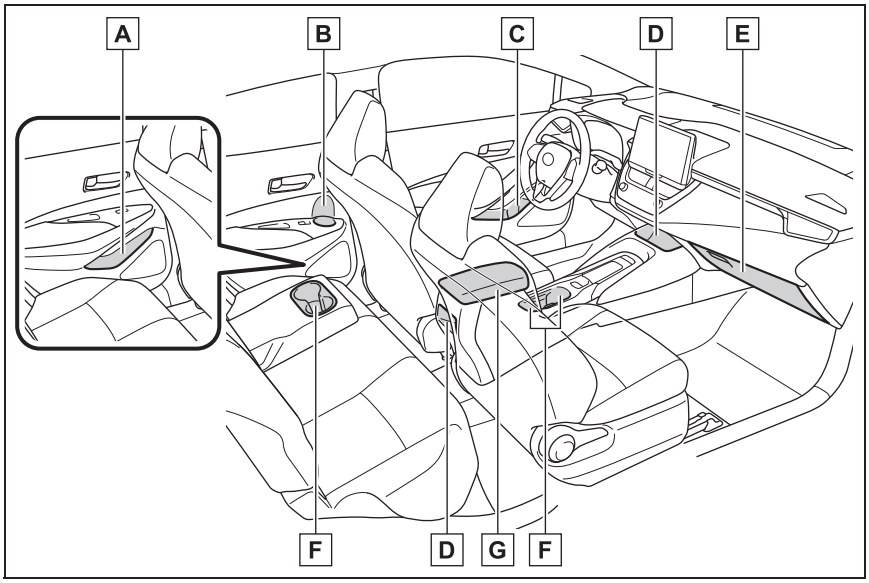
NOTICE

■ To prevent 12-volt battery discharge

Do not leave the lights on longer than necessary when the hybrid system is off.

List of storage features

Location of the storage features



A Bottle holders (wagon) (→P.351)

B Bottle holders (hatchback) (→P.351)

C Bottle holders/door pockets (→P.351)

D Open trays (if equipped) (→P.352)

E Glove box (→P.351)

F Cup holders (→P.351)

G Console box (→P.352)

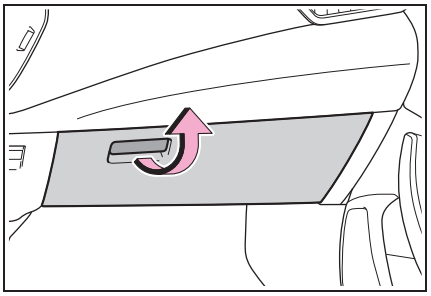
⚠ WARNING

■ Items that should not be left in the storage spaces

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



Pull up the lever to open the glove box.

■ Glove box light

The glove box light turns on when the tail lights are on.

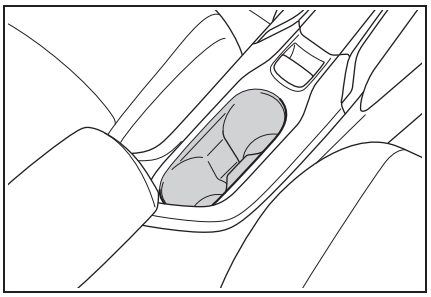
⚠ WARNING

■ 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.

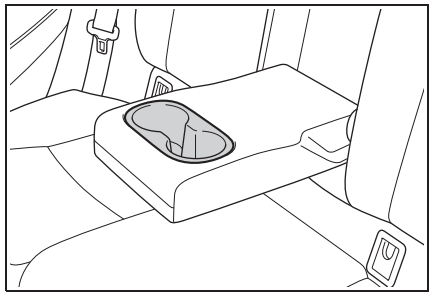
Cup holders

▶ Front



▶ Rear (if equipped)

Pull the armrest down.



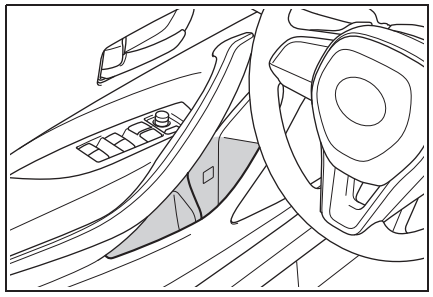
⚠ WARNING

■ Items unsuitable for the cup holder

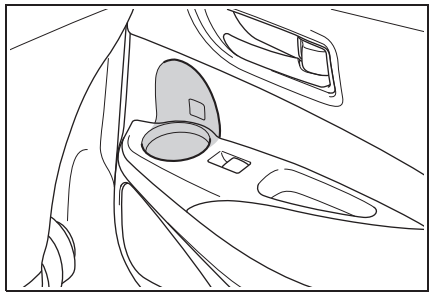
Do not place anything other than cups or beverage cans in the cup holders. Other items may be thrown out of the holders in the event of an accident or sudden braking and cause injury. If possible, cover hot drinks to prevent burns.

Bottle holders/door pockets

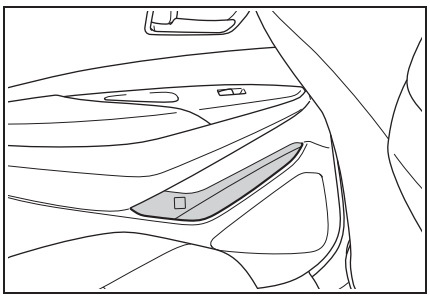
▶ Front



▶ Rear (hatchback)



▶ Rear (wagon)



■ **Bottle holders**

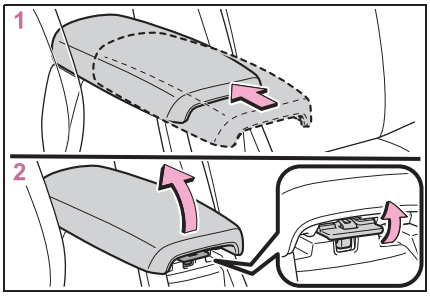
- When storing a bottle, close the cap.
- The bottle may not be stored depending on its size or shape.

⚠ 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.

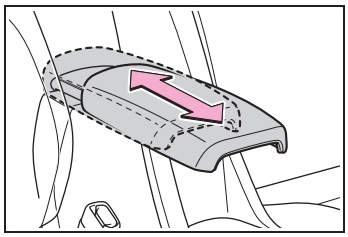
Console box



1 Slide the lid to the rear most position.

2 Lift the lid while pulling up the knob.

■ **Slide function**



The console box lid can be slid forward or backward.

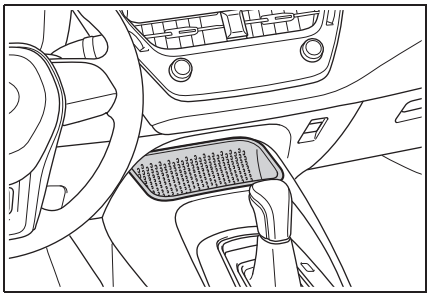
⚠ WARNING

■ **Caution while driving**

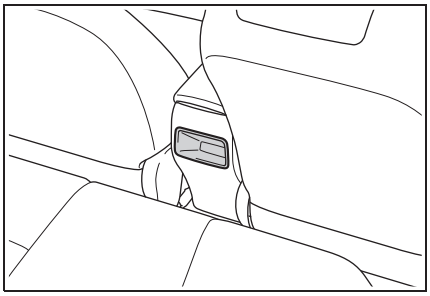
Keep the console box closed.
Injuries may result in the event of an accident or sudden braking.

Open trays (if equipped)

▶ Front



▶ Rear



WARNING

■ **Caution while driving**

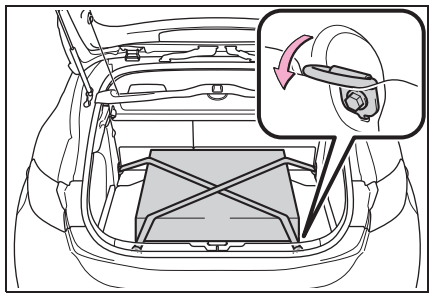
Observe the following precautions when putting items in the open tray. Failure to do so may cause items to be thrown out of the tray in the event of sudden braking or steering. In these cases, the items may interfere with pedal operation or cause driver distraction, resulting in an accident.

- 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 (if equipped)

The cargo hooks are provided for securing loose items.



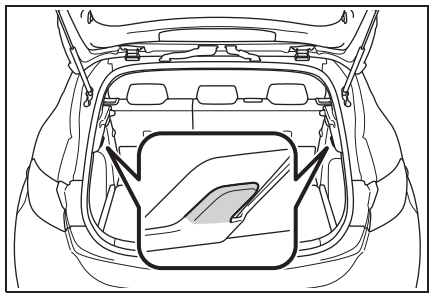
WARNING

■ **When cargo hooks are not in use**

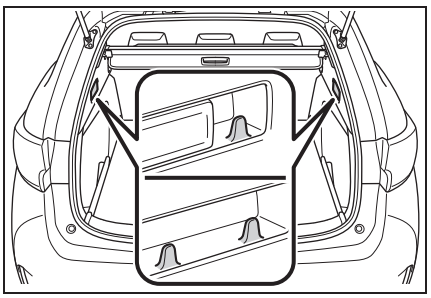
To avoid injury, always return the hooks to their stowed positions when not in use.

Grocery bag hooks

▶ Hatchback



▶ Wagon



WARNING

■ To prevent damage to the grocery bag hooks

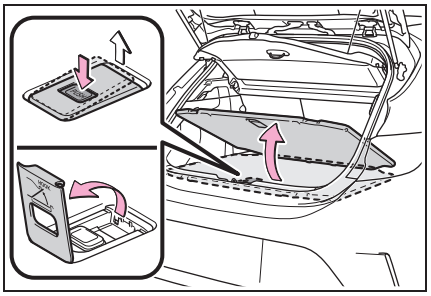
Hatchback: Do not hang any object heavier than 2 kg (4.4 lb.) on the grocery bag hooks.
Wagon: Do not hang any object heavier than 4 kg (8.8 lb.) on the grocery bag hooks.

Deck board (if equipped)

■ Opening the deck board

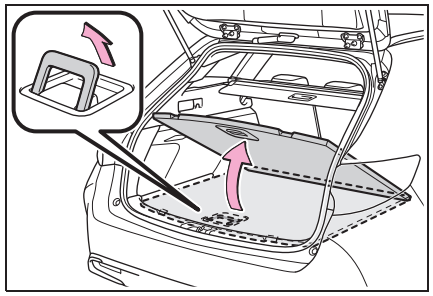
▶ Hatchback

Press the button to raise the deck board handle and then lift the deck board.



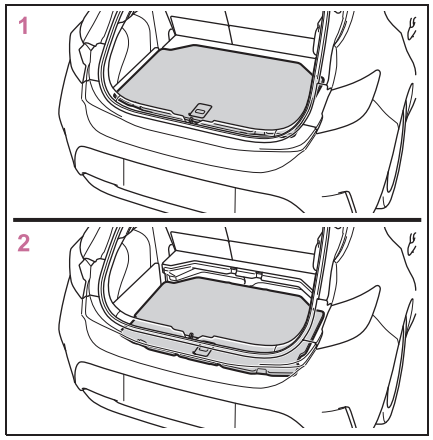
▶ Wagon

Raise the deck board handle and then lift the deck board.



■ Changing the height of the luggage compartment floor (vehicles with a dual level deck board)

By changing the position of the deck board, the height of the luggage compartment floor can be changed.



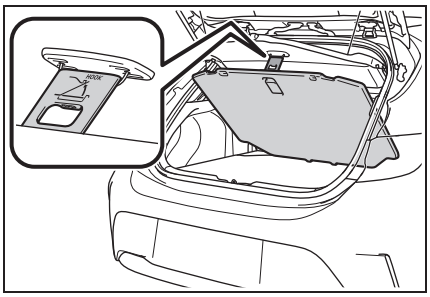
1 Upper position
2 Lower position

■ Securing the deck board (hatchback)

Vehicles with a dual level deck board: When the deck board is in the lower position, it cannot be secured in a lifted position.

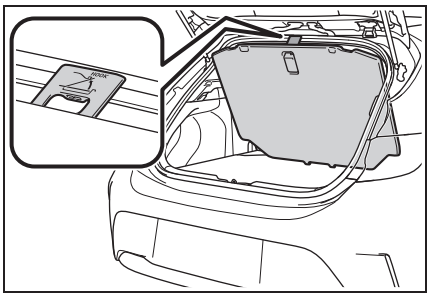
▶ When the luggage cover (if equipped) is installed

Hook the deck board handle onto the underside of the luggage cover as shown in the illustration, to secure the deck board.



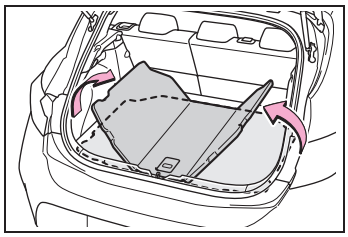
▶ When the luggage cover is not installed

Hook the deck board handle onto the upper edge of the back door opening as shown in the illustration.



■ Deck board (hatchback)

Both the left and right side of the deck board can be opened.



■ Deck board (wagon)

The deck board can be flipped over and the inner side, which is easy to clean, can be used.

⚠ WARNING

■ When changing the position of the dual level deck board

Do not change the position of the deck board when luggage is placed on top of it.
Doing so may lead to fingers getting pinched, etc.

NOTICE

■ When the deck board is secured

Make sure not to close the back door when the deck board is hooked onto the luggage cover or the back door opening. Doing so may lead to damage to interior parts.

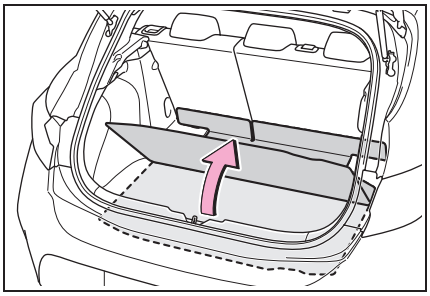
■ When using the inner side of the deck board (wagon)

Make sure to place heavy and/or sharp objects on the deck board gently, and be sure to secure them so that they do not move.
Failing to so do may lead to damage to the surface of the deck board.

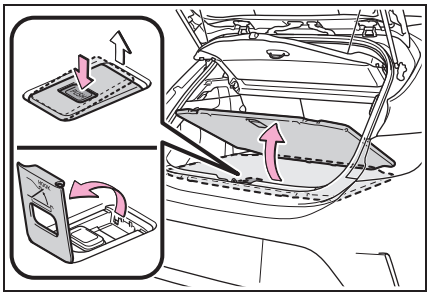
Auxiliary box (if equipped)

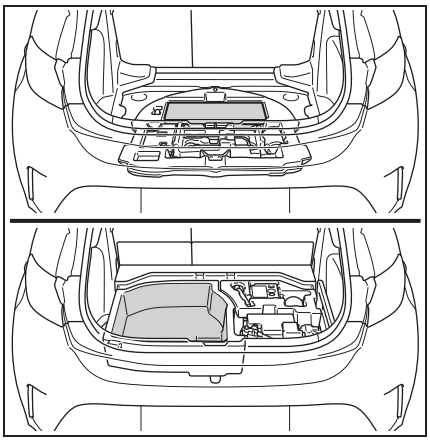
▶ Hatchback

Vehicles without deck board: Lift the deck mat.



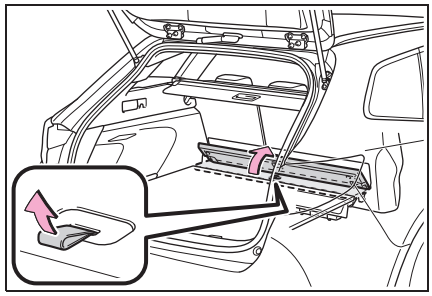
Vehicles with deck board: Press the button to raise the deck board handle and then lift the deck board.

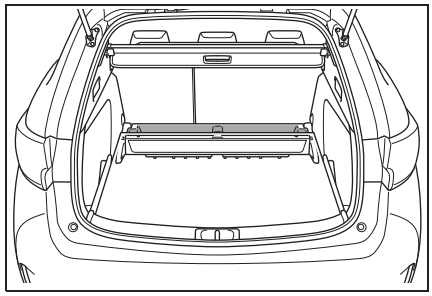




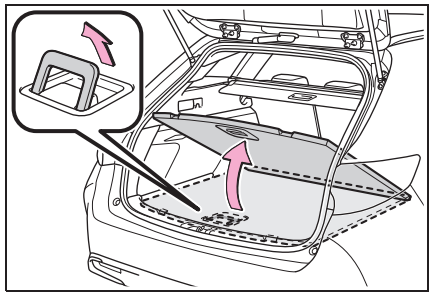
▶ Wagon

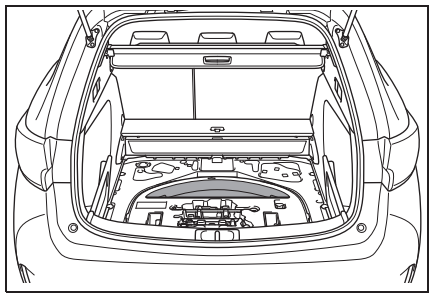
Front: Lift the deck board.





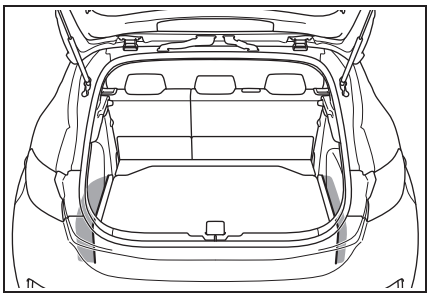
Rear: Raise the deck board handle and then lift the deck board.



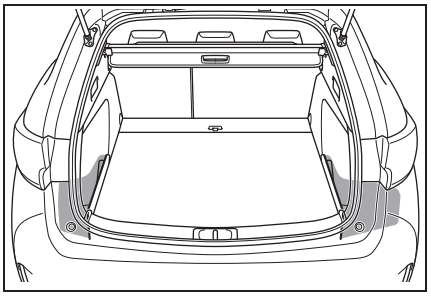


Side tray (if equipped)

▶ Hatchback

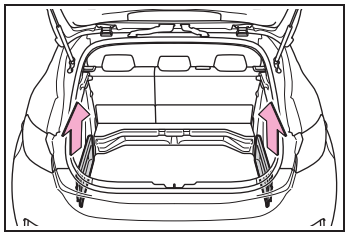


▶ Wagon

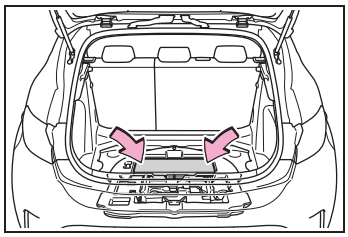


Side tray separators

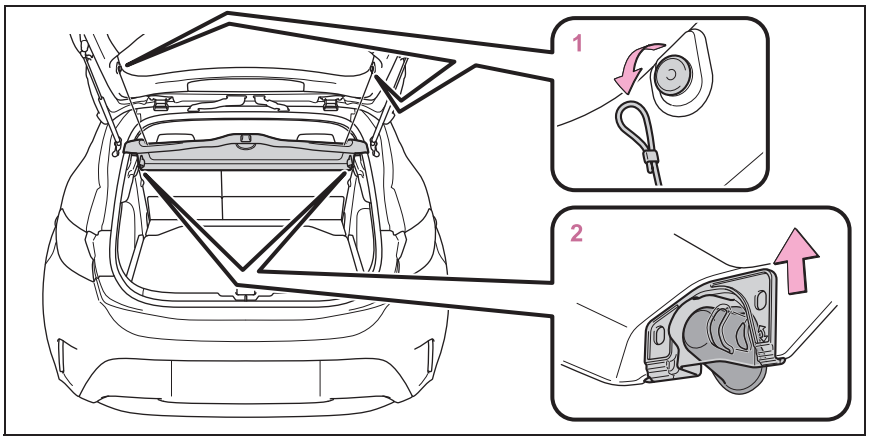
- The side tray separators can be removed when the dual level deck board is in the lower position.



- Hatchback: The removed luggage side tray separators can be stored in the luggage under tray (if equipped).



Removing the luggage cover (hatchback) (if equipped)

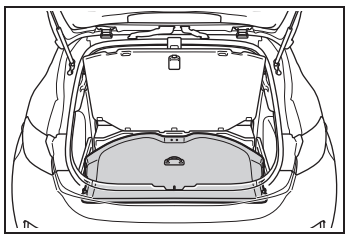


1 Unhook the cords.

2 Remove the cover from the anchors.

■ **Storing the luggage cover (vehicles with a dual level deck board)**

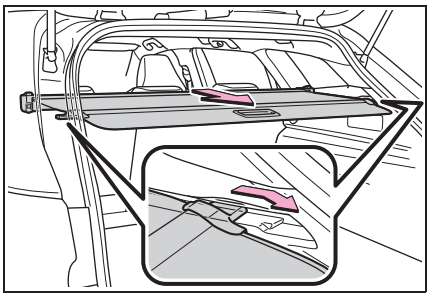
When the dual level deck board is in the upper position, the luggage cover can be stored under the deck board.



Luggage cover (wagon) (if equipped)

■ Using the luggage cover

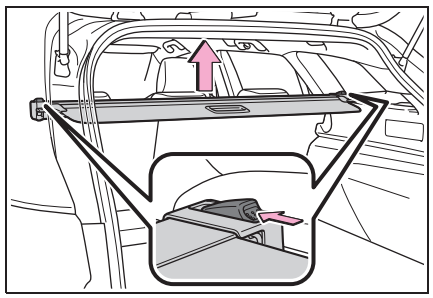
Pull out the luggage cover and engage it to the anchors.



■ Removing the luggage cover

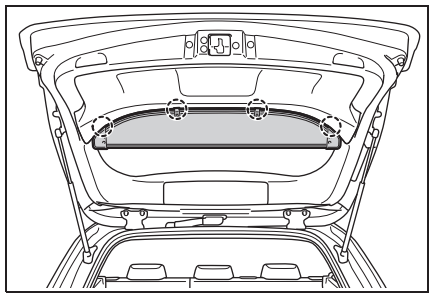
▶ Front

Push the left and right buttons of the luggage cover unit.



▶ Rear

Pull the left or right side bracket down to disengage it. Then disengage the other 3 brackets.



⚠ WARNING

■ **When installing the luggage cover**

Make sure that the luggage cover is securely installed. Failure to do so may result in serious injury in the event of sudden braking or a collision.

■ **Caution for the luggage cover**

- Do not place anything on the luggage cover to avoid 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.

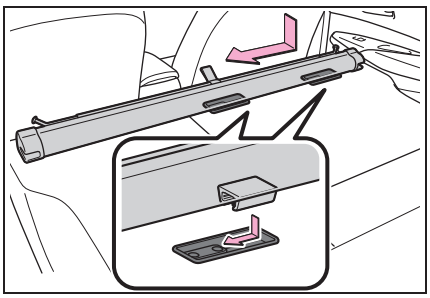
Partition net (if equipped)

■ Using the partition net

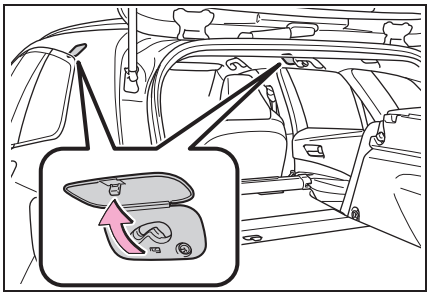
▶ Front position

1 Fold the rear seatbacks down. (→P.159)

2 Install the partition net unit to the anchors on the right seatback. When the anchors are engaged, slide the partition net unit leftward.

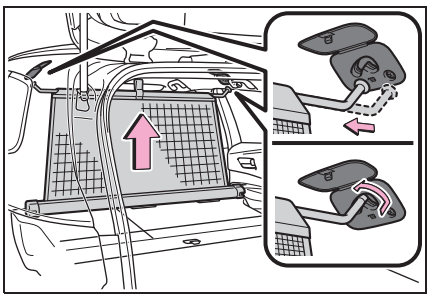


3 Open the anchor covers on both sides.



4 Pull out the net, push in the left and right hooks and engage them to the anchors.

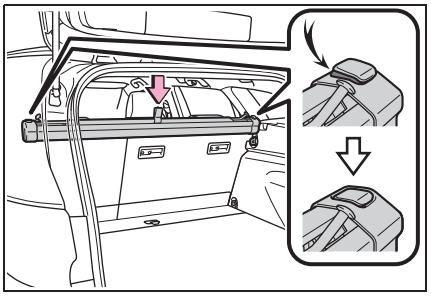
If the net is pulled out slowly, it may lock partway. To pull it out fully, allow the net to roll back slightly then pull it out again.



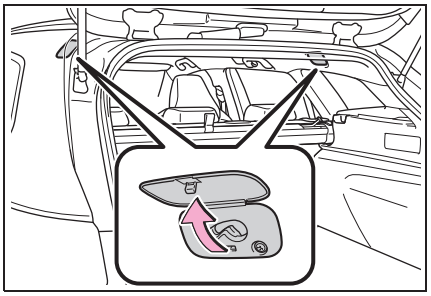
▶ Rear position

1 Install the partition net unit behind the rear seats to the anchors on the side deck.

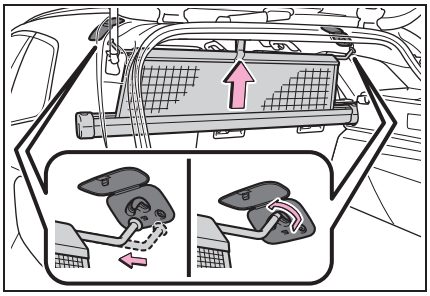
When the partition net unit is secured, the lock release buttons are pushed in and the red marking on the button's sidewall is not visible.



2 Open the anchor covers on both sides.



3 Pull out the net, push in the left and right hooks and engage them to the anchors.

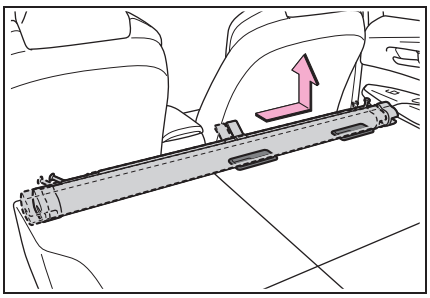


■ Removing the partition net

▶ Front position

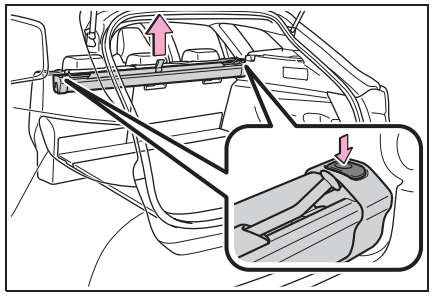
Slide the partition net unit rightward to disengage the anchors and lift it.

After removing the partition net unit, return the rear seat backs to their original position.



▶ Rear position

Push the left and right lock release buttons and lift up the partition net unit.



■ Locking of the partition net partway when pulled out

The partition net is designed to lock partway, at the length suited for use in the rear position, when pulled out slowly. (Quickly pulling out the partition net will allow it to be pulled out to its full length.)

To release the lock: allow the net to roll back slightly then pull it out again.

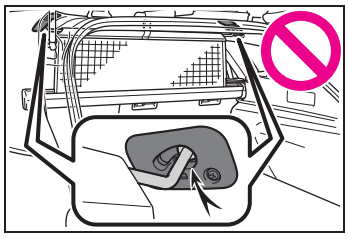
⚠ WARNING

■ When installing the partition net

Make sure that the partition net unit is securely installed. Failure to do so may result in serious injury in the event of sudden braking or a collision.

■ When using the partition net

Make sure that the hooks are engaged in the correct position on the anchors. Failure to do so may result in serious injury in the event of sudden braking or a collision.



WARNING

■ Storage precaution

As the partition net is not designed to protect passengers and driver from all type of luggage stored in the luggage compartment if thrown, make sure that the luggage is securely fixed even if the partition net is used.

Other interior features

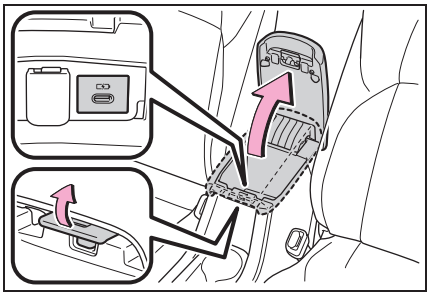
USB charging port (if equipped)

The USB charging port are used to supply 3.0 A of electricity at 5 V to external devices.
The USB charging port are for charging only. They are not designed for data transfer or other purposes.
Depending on the external device, it may not charge properly. Refer to the manual included with the device before using a USB charging port.

■ Using the USB charging port

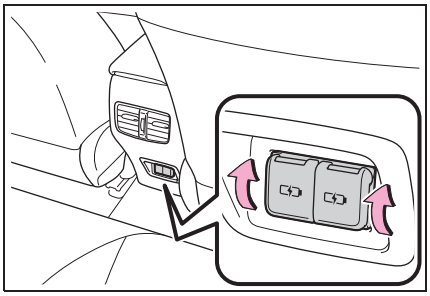
▶ Front

Open the console box lid.



▶ Rear (if equipped)

Open the lid.



■ The USB charging port can be used when

The power switch is in ACC or ON.

■ Situations in which the USB charging port may not operate correctly

- If a device which consumes more than 3.0 A at 5 V is connected
- If a device designed to communicate with a personal computer, such as a USB memory device, is connected
- If the connected external device is turned off (depending on device)
- If the temperature inside the vehicle is high, such as after the vehicle has been parked in the sun

■ About connected external device

Depending on the connected external device, charging may occasionally be suspended and then start again. This is not a malfunction.

NOTICE

■ To prevent damage to the USB charging port

- Do not insert foreign objects into the port.
- Do not spill water or other liquids into the port.
- Rear console: When the USB charging ports are not in use, close the lids. If a foreign object or liquid enters a port may cause a short circuit.

NOTICE

- Do not apply excessive force to or impact the USB charging port.
- Do not disassemble or modify the USB charging port.

■ To prevent damage to external devices

- Do not leave external devices in the vehicle. The temperature inside the vehicle may become high, resulting in damage to an external device.
- Do not push down on or apply unnecessary force to an external device or the cable of an external device while it is connected.

■ To prevent 12-volt battery discharge

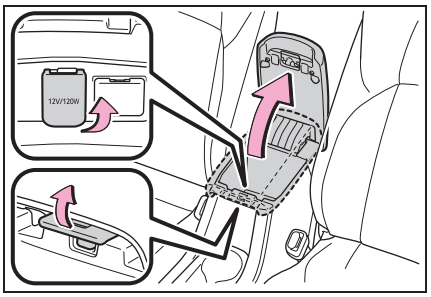
Do not use the USB charging port for a long period of time with the hybrid system stopped.

Power outlet

The power outlet can be used for 12 V accessories that run on less than 10 A.

▶ Front

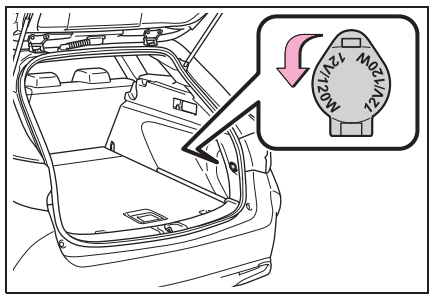
Open the console box lid and open the lid.



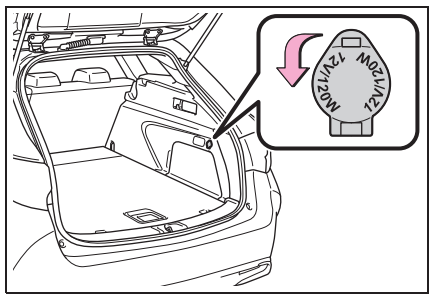
▶ Luggage compartment (wagon)

Open the cover.

2ZR-FXE engine:



M20A-FXS engine:



■ The power outlet can be used when

The power switch is in ACC or ON.

■ When stopping the hybrid system

Disconnect electrical devices with charging functions, such as mobile battery packs.
If such devices are left connected, the hybrid system may not stop normally.

NOTICE

■ To prevent the fuse from being blown

Do not use an accessory that uses more than 12 V 10 A.

■ 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.

NOTICE

■ To prevent 12-volt battery discharged

Do not use the power outlet longer than necessary when the hybrid system is off.

Wireless charger (if equipped)

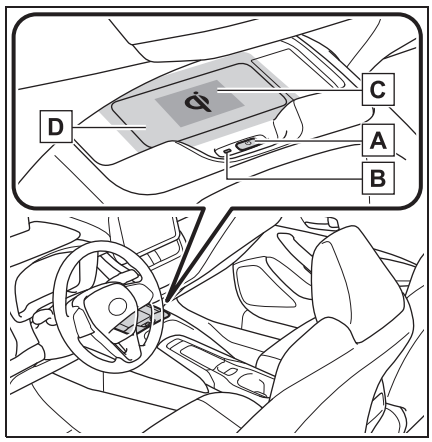
A portable device, such as a smartphone or mobile battery, can be charged by just placing it on the charging area, provided the device is compatible with the Qi wireless charging standard created by the Wireless Power Consortium.

The wireless charger cannot be used with a portable device that is larger than the charging tray. Additionally, depending on the portable device, the wireless charger may not operate properly. Refer to the operation manual of the portable device.

■ The “Qi” logo

The “Qi” logo is a trademark of the Wireless Power Consortium.

■ Name for all parts



A Power supply switch

B Operation indicator light

C Charge area*

D Charging tray

*: Compatible portable devices and the wireless charger contain charging coils. The charging coil inside the wireless charger can move within the area around the center of the charging tray.

When the charging coil inside a portable device is detected within the charging area, the charging coil in the wireless charger will move near the other coil and charging will begin. If the charging coil inside the portable device is moved out of the charging area, charging will be stopped automatically.

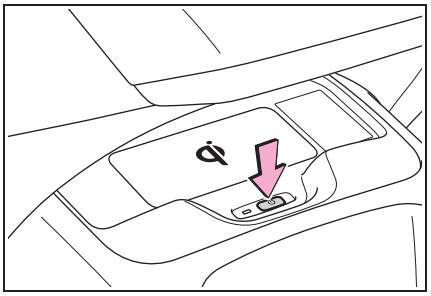
Additionally, if 2 or more portable devices are placed on the charging tray at the same time, each charging coil may not be detected correctly and charging may not be possible.

Using the wireless charger

1 Press the power supply switch of the wireless charger.

Pressing the switch again turns the wireless charger off.

When turned on, the operation indicator light (green) comes on.



2 Place a portable device on the charging tray.

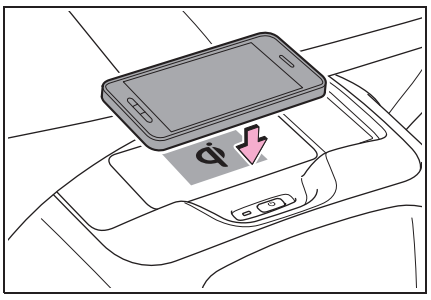
Place the portable device so that it is centered in the charging area with its charging surface facing the portable charger.

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.

While charging, the operation indicator light (orange) will be illuminated.

If charging does not begin, move the portable device as close to the center of the charging area as possible. 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) will illuminate.



Recharging function

- If a certain amount of time has elapsed since charging completed and the portable device has not been moved, the wireless charger will restart charging.
- If a portable device is moved significantly within the charging area, the charging coil may disconnect and charging may temporarily be stopped. However, if a charging coil is detected within the charging area, the charging coil inside the wireless charger will move near the other coil and charging will resume. If a portable device is moved out of the charging area, charging will be stopped. At that time, the operation indicator light will slowly illuminate in green and orange alternatively and a sound of charging coil operation may be heard repeatedly. Re-set the portable device to the center of the charging area.

Rapid charging function

- Portable devices, such as the following, can be rapidly charged.

- Rapid charging capable devices which conform to WPC Ver. 1.2.4.
- 7.5 W charging capable iPhone (iPhone 8 and later)

● When a portable device that supports rapid charging is charged, charging automatically switches to the rapid charging.

■ Operation indicator light status

Operation indicator light	State
Off	The Wireless charger is off
Green (illuminated)	Standby (charging is possible)*1
	Charging is complete*2
Orange (illuminated)	A portable device has been placed on the charging area (identifying the portable device)
	Charging in progress

*1: While in standby, charging power is not output. If a metal object is placed on the charging tray in this state, the object will not heat up.

*2: Depending on the portable device, the operation indicator light may stay illuminated (orange) after charging has completed.

● If the operation indicator light blinks

If an error is detected, the operation indicator light will blink (orange). Take the appropriate measures according to the table below.

Operation indicator light	Suspected cause	Measure
Green (illuminated)	Key being detected by smart entry & start system	Wait until the key detection is completed.
Continuously blinks 1 time per second	Vehicle to wireless charger communication failure	If the hybrid system is running, stop the engine and then restart it. If the power switch is in ACC, start the hybrid system. (→P.198)

Operation indicator light	Suspected cause	Measure
Continuously flashes 3 times (orange)	Foreign matter detected If a metallic foreign object is detected in the charge area, the overheat prevention function will operate to prevent the metallic foreign object from being overheated.	Remove the foreign object from the charge area.
	Portable device not aligned correctly If the charging coil of a portable device is not properly positioned on the charging area, the overheat prevention function will operate.	Remove the portable device from the charging tray, check that the operation indicator light changes back to green, and then place the portable device so that it is near the center of the charging tray. Also, if a case or cover is installed to the portable device, remove it.
Continuously flashes 4 times (orange)	Temperature inside wireless charger exceeded a certain amount	Stop charging, remove the portable device from the charging tray, and wait for the temperature to decrease before attempting to begin charging again.

■ The wireless charger can be operated when

The power switch is in ACC or ON.

■ Portable devices that can be charged

- Portable devices compatible with the Qi wireless charging standard can be charged by the wireless charger. However, compatibility with all devices which meet the Qi wireless charging standard is not guaranteed.
- The wireless charger is designed to supply low power electricity (5 W or less) to a cellular phone, smartphone, or other portable device.
- However, portable devices, such as the following, can be charged with more than 5 W.
  - 7.5 W charging compatible iPhone can be charged at 7.5 W or less.
  - Portable devices which conform to WPC Ver. 1.2.4 (Extended Power profile) can be charged at 10 W or less.

■ Using the smart entry & start system

During charging, when the smart entry & start system searches for an electronic key, charging may be temporarily suspended.

If a cover or accessory is attached to the portable device

Do not charge a portable device if a cover or accessory which is not Qi compatible is attached. Depending on the type of cover (including some genuine parts of the manufacturer) and/or accessory attached, it may not be possible to charge the portable device. If the portable device is placed on the charging area and does not charge, remove the cover and/or accessories.

Charging precautions

While charging, the wireless charger and the portable device will become warm. This is not a malfunction.

If a portable device becomes warm while charging and charging stops due to the protection function of the portable device, wait until the portable device cools down and charge it again.

Also, to decrease the temperature inside the wireless charger, a fan may operate. This does not indicate a malfunction.

Sound generated during operation

Operation sounds may be heard when the power supply switch is pressed to turn the wireless charger on, when the power switch is pressed to change to ACC or ON while the wireless charger is on, or when a portable device is being detected. This does not indicate a malfunction.

Situations in which the wireless charger may not operate correctly

In the following situations, the wireless charger may not operate correctly:

- When the camera lens of a portable device protrudes 3mm (0.12 in) or more from its surface
- When the electronic key is not inside the vehicle
- When a portable device is fully charged
- When a portable device is being charged by a wired connection
- When there is a foreign object between the charging area and portable device
- When the temperature of a portable device becomes high while charging
- When the temperature near the charging tray is 35°C (95°F) or more due to being in direct sunlight, etc.
- When a portable device is placed with its charging surface facing up
- When a charging coil inside the portable device is not centered on the charging area
- When a portable device is larger than the charging tray
- When a foldable portable device is placed outside of the charging area
- When the vehicle is near a TV tower, electric power plant, fuel station, radio station, large display, airport, or other facility that generates strong radio waves or electrical noise
- When the any of the following objects, with a thickness of 2 mm (0.08 in.) or more, are between the charging surface of a portable device and the charging are:
  - A case or cover with an uneven or tilted surface, so that the charging side is not flat
  - Thick cases or covers
  - Thick decorations
  - Accessories, such as finger rings, straps, etc.
- When the portable device is in contact with, or is covered by any of the following metallic objects:
  - Casing which has magnet in it on the charging side of the portable device
  - Cards covered with metal, such as aluminum foil
  - Cigarette boxes that have aluminum foil inside
  - Metallic wallets or bags
  - Coins
  - Heat packs
  - Recorded media such as CDs and DVDs
  - Metallic decorations
  - Metallic cases or covers

- When wireless keys (that emit radio waves) other than those of your vehicle are being used nearby
- When 2 or more portable devices are placed on the charging tray at the same time

In situations other than above, if the wireless charger does not operate properly or the operation indicator light blinks continuously, the wireless charger may be malfunctioning.

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

■ Cleaning the wireless charger

→P.378

■ iPhone

iPhone is a trademark of Apple Inc., registered in the U.S. and other countries.

⚠ WARNING

■ Caution while driving

When charging a portable device while driving, for safety reasons, the driver should not operate the portable device.

■ Precautions for when driving

Do not charge small, lightweight portable devices, such as wireless earbuds, while driving. Lightweight devices may fly off of the charging tray, possibly leading to an accident.

■ Caution regarding interference with electronic devices

People with implantable cardiac pacemakers, cardiac resynchronization therapy pacemakers or implantable cardioverter defibrillators, as well as any other electrical medical device, should consult their physician about the usage of the wireless charger. Operations of the wireless charger may have an affect on medical devices.

■ To prevent damage or burns

Observe the following precautions. Failure to do so may result in the possibility of fire, equipment failure or damage, or burns due to heat.

- Do not put any metallic objects between the charging area and the portable device while charging.
- Do not attach metallic objects, such as aluminum stickers, to the charging area.
- Do not charge portable devices with aluminum stickers or other metallic objects attached to the side which touches the charging area.
- Do not store items on the wireless charger instead of in an auxiliary box.
- Do not apply force or impact to the wireless charger.
- Do not disassemble, modify or remove the wireless charger.
- Do not attempt to charge portable devices which are not compatible with the Qi wireless charging standard.
- Do not allow magnetic objects to come near the wireless charger.
- Do not perform charging if the charging area is dirty.
- Do not cover the wireless charger with a cloth or other object while charging.

NOTICE

■ **To prevent failure or damage to data**

- Do not place magnetic cards, such as a credit card, or magnetic recording media, close to the wireless charger while charging. Otherwise, data may be erased due to the influence of magnetism. Additionally, do not bring precision instruments such as wrist watches, close to the wireless charger, as such objects may malfunction.
- Do not perform charging with a contactless smart card, such as a credit card, or a transportation system IC card, between the charging surface of a portable device and the charging area. The IC chip in the card may become extremely hot, possibly damaging the portable device or smart card.
  Be extra careful to not charge a portable device with a case or cover which a contactless smart card can be inserted.
- Do not leave portable devices in the cabin. The temperature inside the cabin may become high when parked in the sun, and cause damage to the device.

■ **When the OS of a smartphone has been updated**

When the OS version of a smartphone has been changed, the charging specifications may have changed. If the WPC compatibility version is changed, the rapid charging function may no longer be able to be used. For details, check for information on the website for the smartphone manufacturer.

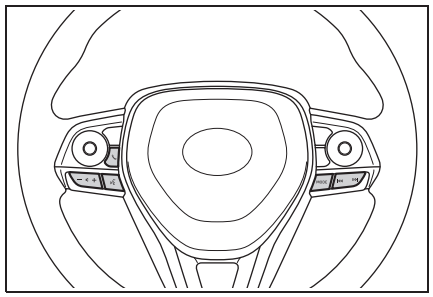
■ **To prevent battery discharge**

Do not use the wireless charger for a long period of time with the hybrid system stopped.

Steering wheel audio switches

Some audio features (audio volume control, radio, CD player etc.) can be controlled using the switches on the steering wheel.

Operation may differ depending on the type of audio system or navigation system. For details, refer to the manual provided with the audio system or navigation system.

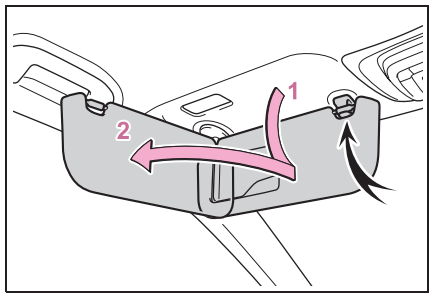


WARNING

■ **Caution while driving**

To reduce the risk of an accident, exercise care when operating the audio switches on the steering wheel.

Sun visors



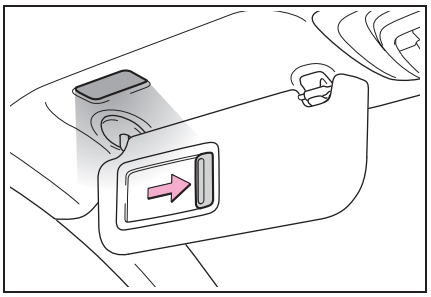
1 To set the visor in the forward position, flip it down.

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 vanity light turns on. (if equipped)



■ To prevent 12-volt battery discharge

If the vanity lights remain on when the power switch is OFF, the lights will go off automatically after 20 minutes.

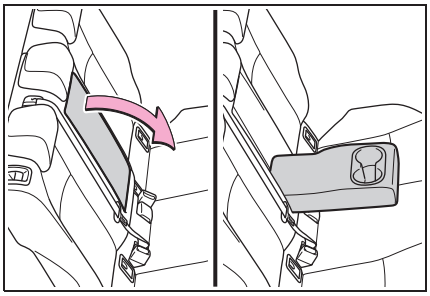
NOTICE

■ To prevent the 12-volt battery from being discharged

Do not leave the vanity lights on for extended periods while the hybrid system is off.

Armrest (if equipped)

Fold down the armrest for use.



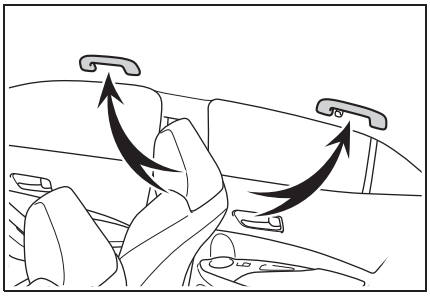
NOTICE

■ To prevent damage to the armrest

Do not apply too much load on the armrest.

Assist grips

An assist grip installed on the ceiling can be used to support your body while sitting on the seat.



WARNING

■ Assist grip

Do not use the assist grip when getting in or out of the vehicle or rising from your seat.

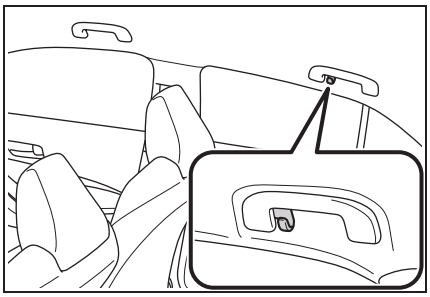
NOTICE

■ To prevent damage to the assist grip

Do not hang any heavy object or put a heavy load on the assist grip.

Coat hooks (If equipped)

The coat hooks are provided with the rear assist grips.



WARNING

■ Items that cannot be hung on the coat 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.

6-1. Maintenance and care

Cleaning and protecting the vehicle exterior 374

Cleaning and protecting the vehicle interior 377

6-2. Maintenance

Maintenance requirements 380

6-3. Do-it-yourself maintenance

Do-it-yourself service precautions 382

Hood 384

Positioning a floor jack 385

Engine compartment 387

12-volt battery 396

Tires 398

Tire inflation pressure 414

Wheels 415

Air conditioning filter 417

Cleaning the hybrid battery (traction battery) air intake vents 419

Electronic key battery 422

Checking and replacing fuses 424

Light bulbs 427

Cleaning and protecting the vehicle exterior

Perform cleaning in a manner appropriate to each component and its material.

Cleaning instructions

- Working from top to bottom, liberally apply water to the vehicle body, wheel wells and underside of the vehicle to remove any dirt and dust.
- Wash the vehicle body using a sponge or soft cloth, such as a chamois.
- For hard-to-remove marks, use car wash soap and rinse thoroughly with water.
- Wipe away any water.
- Wax the vehicle when the waterproof coating deteriorates.

If water does not bead on a clean surface, apply wax when the vehicle body is cool.

When using an automatic car wash

- Before washing the vehicle:
  - Fold the mirrors.
  - Turn off the power back door system. (if equipped)

Start washing from the front of the vehicle. Extend the mirrors before driving.

- Brushes used in automatic car washes may scratch the vehicle surface, parts (wheel, etc.) and harm your vehicle's paint.
- In certain automatic car washes, the rear spoiler may interfere with machine operation. This may prevent the vehicle from being cleaned properly or result in damage to the rear spoiler.
- If you need to release the parking brake, turn off the brake hold system, shift the shift lever to N, then release the parking brake and set the power switch to ACC.(→P.211)

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.

When using a car wash (vehicles with entry function)

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.154)

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.

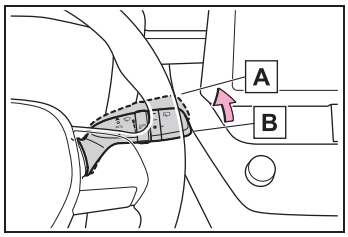
WARNING

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 pipe

Exhaust gasses cause the exhaust pipe to become quite hot.
When washing the vehicle, be careful not to touch the pipe until it has cooled sufficiently, as touching a hot exhaust pipe can cause burns.

WARNING

■ **Precaution regarding the front bumper and rear bumper**

If the paint of the front bumper and 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 (if equipped)
- RCTA (if equipped)
- SEA (if equipped)
- Toyota parking assist-sensor (if equipped)
- PKSB (if equipped)
- Toyota Safety Sense

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.

■ **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 side. When returning the wipers to their original position, do so from the passenger side first.

■ **When using an automatic car wash (vehicles with rain-sensing windshield wipers)**

Set the wiper switch to the off position. If the wiper switch is in “AUTO”, the wipers may operate and the wiper blades may be damaged.

■ **When using a high pressure car wash**

- Vehicles with rear view monitor system: When washing the vehicle, do not spray the camera or its surrounding area directly with a high pressure washer. Shock applied from high pressure water may cause the device to not operate normally.

NOTICE

- Do not bring the nozzle tip close to boots (rubber or resin manufactured cover), connectors or the following parts. The parts may be damaged if they come into contact with high-pressure water.
  - Traction related parts
  - Steering parts
  - Suspension parts
  - Brake parts
- Keep the cleaning nozzle at least 30 cm (11.9 in.) away from the vehicles body. Otherwise resin section, such as moldings and bumpers, may be deformed and damaged. Also, do not continuously hold the nozzle in the same place.
- Do not spray the lower part of the windshield continuously. If water enters the air conditioning system intake located near the lower part of the windshield, the air conditioning system may not operate correctly.
- Do not wash the underside of the vehicle using a high pressure car washer.

Cleaning and protecting the vehicle interior

Perform cleaning in a manner appropriate to each component and its material.

Protecting the vehicle interior

- Remove dirt and dust using a vacuum cleaner. Wipe dirty surfaces with a cloth dampened with lukewarm water.
- If dirt cannot be removed, wipe it off with a soft cloth dampened with neutral detergent diluted to approximately 1%.
  Wring out any excess water from the cloth and thoroughly wipe off remaining traces of detergent and water.

Shampooing the carpets

There are several commercial foaming-type cleaners available. Use a sponge or brush to apply the foam. Rub in overlapping circles. Do not use water. Wipe dirty surfaces and let them dry. Excellent results are obtained by keeping the carpet as dry as possible.

Handling the seat belts

Clean with mild soap and lukewarm water using a cloth or sponge. Also check the belts periodically for excessive wear, fraying or cuts.

WARNING

■ Water in the vehicle

- Do not splash or spill liquid in the vehicle, such as on the floor, in the hybrid battery (traction battery) air intake vent, and in the luggage compartment. (→P.377)
  Doing so may cause the hybrid battery, electrical components, etc. to malfunction or catch fire.
- Do not get any of the SRS components or wiring in the vehicle interior wet. (→P.37)
  An electrical malfunction may cause the airbags to deploy or not function properly, resulting in death or serious injury.
- Vehicles with wireless charger:
  Do not let the wireless charger (→P.364) 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 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 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

Do not allow glass cleaner to contact the lens. Also, do not touch the lens. (→P.239)

NOTICE

■ Cleaning the inside of the rear window

- Do not use glass cleaner to clean the rear window, as this may cause damage to the rear window defogger heater wires or antenna. Use a cloth dampened with lukewarm water to gently wipe the window clean. Wipe the window in strokes running parallel to the heater wires or antenna.
- Be careful not to scratch or damage the heater wires or antenna.

Cleaning the areas with satin-finish metal accents

- Remove dirt using a water-dampened soft cloth or synthetic chamois.
- Wipe the surface with a dry, soft cloth to remove any remaining moisture.

■ Cleaning the areas with satin-finish metal accents

The metal areas use a layer of real metal for the surface. It is necessary to clean them regularly. If dirty areas are left uncleaned for long periods of time, they may be difficult to clean.

Cleaning the leather areas

- 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.393, 396)

Scheduled maintenance

Scheduled maintenance should be performed at specified intervals according to the maintenance schedule.

For full details of your maintenance schedule, read the “Toyota Service Booklet” or “Toyota Warranty Booklet”.

Do-it-yourself maintenance

What about do-it-yourself maintenance?

Many of the 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.100, 104)

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.393, 396)	▶ 2ZR-FXE engine • Warm water • Baking soda • Grease • Conventional wrench (for terminal clamp bolts) ▶ M20A-FXS engine • Grease • Conventional wrench (for terminal clamp bolts)
Engine/power control unit coolant level (→P.391)	• “Toyota Super Long Life Coolant” or a similar high quality ethylene glycol-based non-silicate, non-amine, non-nitrite and non-borate coolant with long-life hybrid organic acid technology. “Toyota Super Long Life Coolant” is pre-mixed with 50% coolant and 50% deionized water. • Funnel (used only for adding coolant)
Engine oil level (→P.388)	• “Toyota Genuine Motor Oil” or equivalent • Rag or paper towel • Funnel (used only for adding engine oil)

Items	Parts and tools
Fuses (→P.424)	• Fuse with same amperage rating as original
Hybrid battery (traction battery) air intake vent (→P.419)	• Vacuum cleaner, etc.
Light bulbs (→P.427)	• Bulb with same number and wattage rating as original • Flathead screwdriver • Wrench
Radiator and condenser (→P.393)	—
Tire inflation pressure (→P.414)	• Tire pressure gauge • Compressed air source
Washer fluid (→P.394)	• Water or washer fluid containing antifreeze (for winter use) • Funnel (used only for adding water or washer fluid)

WARNING

The engine compartment contains many mechanisms and fluids that may move suddenly, become hot, or become electrically energized. To avoid death or serious injury, observe the following precautions.

■ When working on the engine compartment

- Make sure that the “ACCESSORY” or “IGNITION ON” on the multi-information display and the “READY” indicator are both off.
- Keep hands, clothing and tools away from the moving fans.
- Be careful not to touch the 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 or 12-volt battery. Fuel and 12-volt battery fumes are flammable.
- Be extremely cautious when working on the 12-volt battery. It contains poisonous and corrosive sulfuric acid.
- Take care because brake fluid can harm your hands or eyes and damage painted surfaces. If fluid gets on your hands or in your eyes, flush the affected area with clean water immediately.
  If you still experience discomfort, consult a doctor.

■ When working near the electric cooling fans or radiator grille

Be sure the power switch is OFF. With the power switch in ON, the electric cooling fans may automatically start to run if the air conditioning is on and/or the coolant temperature is high. (→P.393)

■ Safety glasses

Wear safety glasses to prevent flying or falling material, fluid spray, etc. from getting in your eyes.

NOTICE

■ If you remove the air cleaner filter

Driving with the air cleaner filter removed may cause excessive engine wear due to dirt in the air.

■ If the fluid level is low or high

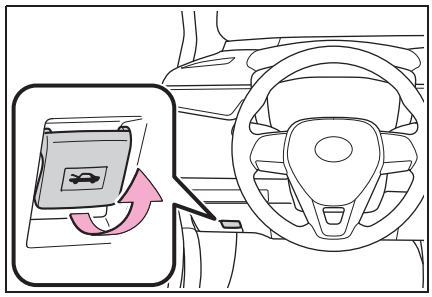
It is normal for the brake fluid level to go down slightly as the brake pads wear or when the fluid level in the accumulator is high.
If the reservoir needs frequent refilling, it may indicate a serious problem.

Hood

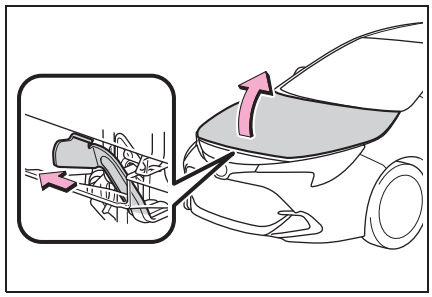
Opening the hood

1 Pull the hood lock release lever.

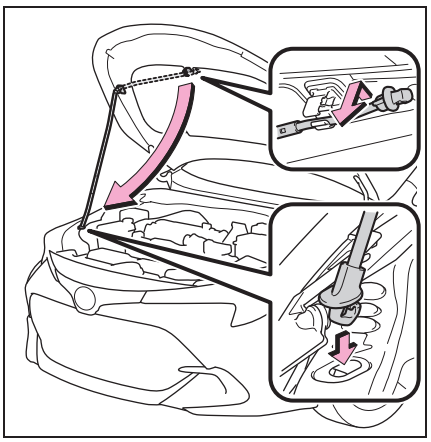
The hood will pop up slightly.



2 Pull the auxiliary catch lever to the left and lift the hood.



3 Hold the hood open by inserting the support rod into the slot.



WARNING

■ Pre-driving check

Check that the hood is fully closed and locked.
If the hood is not locked properly, it may open while the vehicle is in motion and cause an accident, which may result in death or serious injury.

■ After installing the support rod into the slot

Make sure the rod supports the hood securely preventing it from falling down onto your head or body.

NOTICE

■ When closing the hood

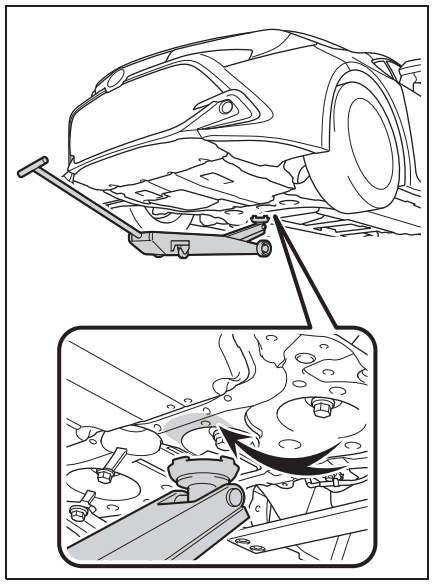
Be sure to return the support rod to its clip before closing the hood. Closing the hood with the support rod not clipped could cause the hood to bend.

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.

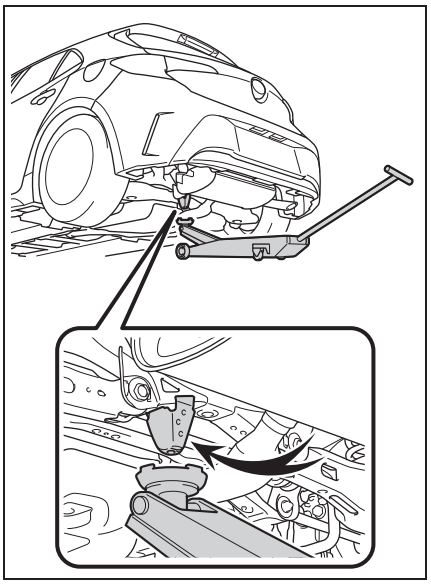
Location of the jack point

■ Front

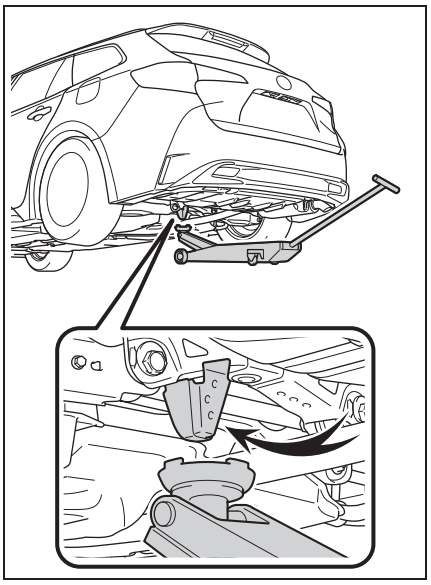


■ **Rear**

▶ Hatchback



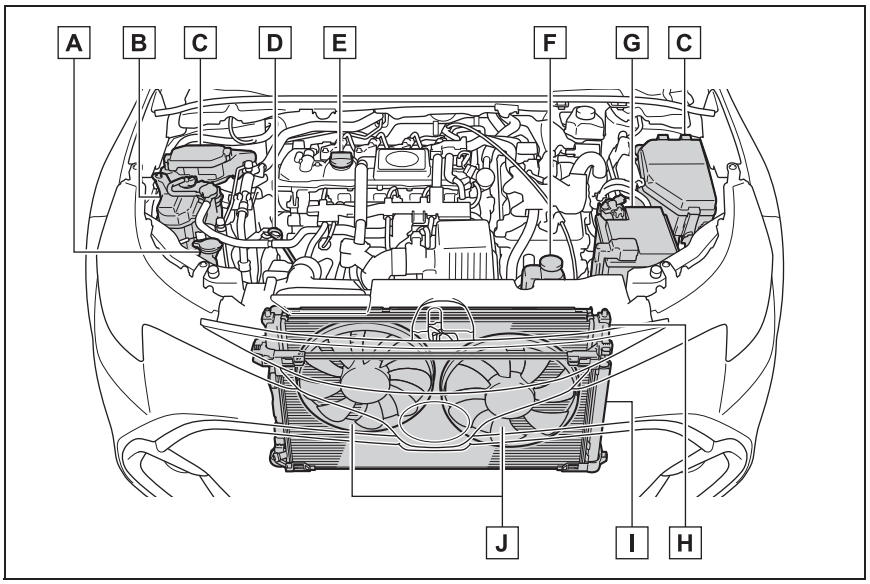
▶ Wagon



Engine compartment

Components

▶ 2ZR-FXE engine



A Washer fluid tank (→P.394)

B Engine coolant reservoir (→P.391)

C Fuse boxes (→P.424)

D Engine oil level dipstick (→P.388)

E Engine oil filler cap (→P.389)

F Power control unit coolant reservoir (→P.391)

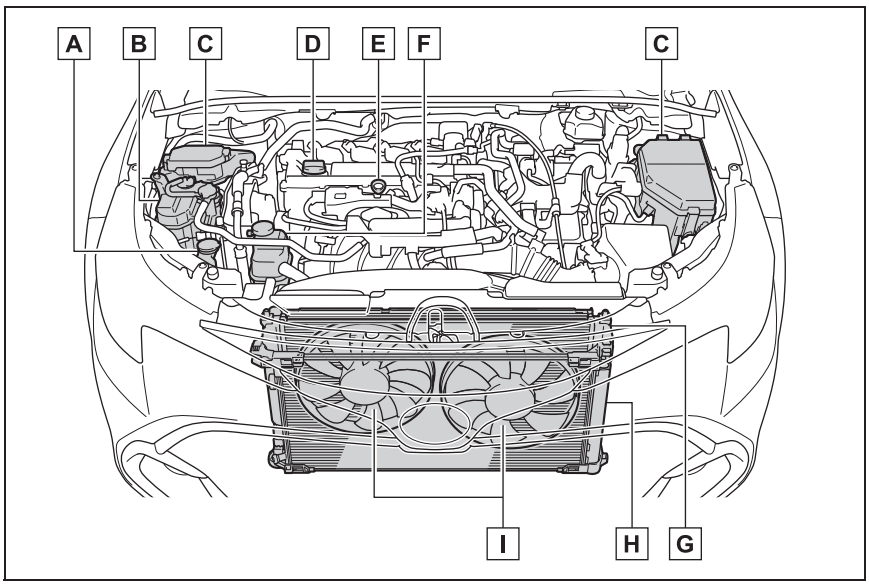
G 12-volt battery (→P.393)

H Radiator (→P.393)

I Condenser (→P.393)

J Electric cooling fans

▶ M20A-FXS engine



A Washer fluid tank (→P.394)

B Engine coolant reservoir (→P.387)

C Fuse boxes (→P.424)

D Engine oil filler cap (→P.389)

E Engine oil level dipstick (→P.388)

F Power control unit coolant reservoir (→P.391)

G Radiator (→P.393)

H Condenser (→P.393)

I Electric cooling fans

■ **12-volt battery (M20A-FXS engine)**
→P.396

Checking and adding the engine oil

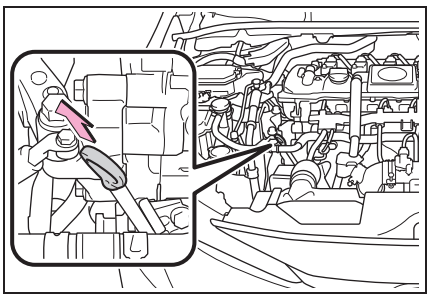
With the engine at operating temperature and turned off, check the oil level on the dipstick.

■ **Checking the engine oil**

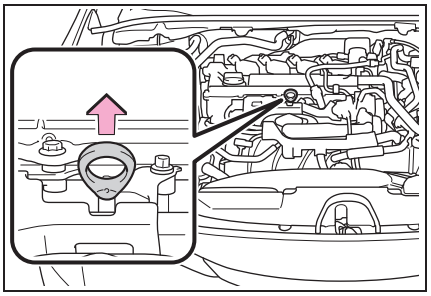
1 Park the vehicle on level ground. After warming up the engine and turning off the hybrid system, wait more than 5 minutes for the oil to drain back into the bottom of the engine.

2 Holding a rag under the end, pull the dipstick out.

▶ 2ZR-FXE engine



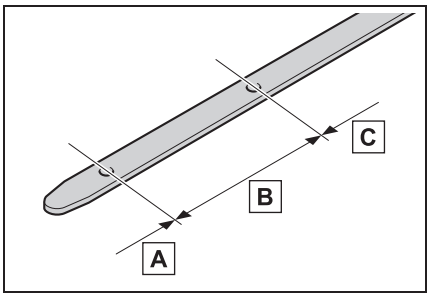
▶ M20A-FXS engine



3 Wipe the dipstick clean.

4 Reinsert the dipstick fully.

5 Holding a rag under the end, pull the dipstick out and check the oil level.



A Low

B Normal

C Excessive

The shape of the dipstick may differ depending on the type of vehicle or engine.

6 Wipe the dipstick and reinsert it fully.

■ Checking the oil type and preparing the item needed

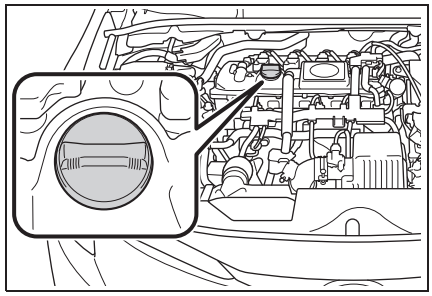
Make sure to check the oil type and prepare the items needed before adding oil.

- Engine oil selection
  →P.506
- Oil quantity (Low → Full)
  1.5 L (1.6 qt., 1.3 Imp. qt.)
- Item
  Clean funnel

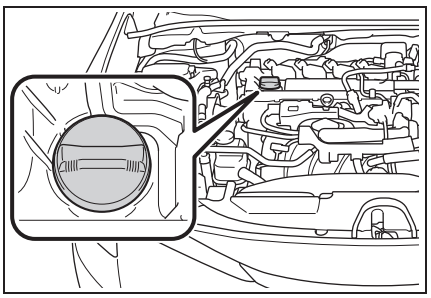
■ Adding engine oil

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.

▶ 2ZR-FXE engine



▶ M20A-FXS engine



1 Remove the oil filler cap by turning it counterclockwise.

2 Add engine oil slowly, checking the dipstick.

3 Install the oil filler cap by turning it clockwise.

■ 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

■ After changing the engine oil

The engine oil maintenance data should be reset. Perform the following procedures:

▶ 7-inch display

1 Park the vehicle in a safe place and then start the hybrid system.

The oil maintenance cannot be reset while the vehicle is moving.

2 Select ⚙ of the multi-information display and then press OK.

3 Press ❮ or ❯ to select “Vehicle Settings” and then press and hold OK.

4 Press ^ or ⌄ to select “Oil Maintenance” and then press OK.

5 Press ^ or ⌄ to select “Yes” and then press OK.

▶ 12.3-inch display

1 Park the vehicle in a safe place and then start the hybrid system.

The oil maintenance cannot be reset while the vehicle is moving.

2 Select ⚙ of the multi-information display and then press OK.

3 Press ^ or ⌄ to select “Vehicle Settings” and then press and hold OK.

4 Press ^ or ⌄ to select “Oil Maintenance” and then press OK.

5 Press ∧ or ∨ to select “Yes” and then press OK .

A message will be displayed on the multi-information display when the reset procedure has been completed.

WARNING

■ Used engine oil

- Used engine oil contains potentially harmful contaminants which may cause skin disorders such as inflammation and skin cancer, so care should be taken to avoid prolonged and repeated contact. To remove used engine oil from your skin, wash thoroughly with soap and water.
- 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

■ To prevent serious engine damage

Check the oil level on a regular basis.

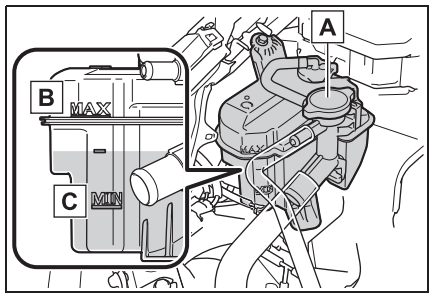
■ When replacing the engine oil

- Be careful not to spill engine oil on the vehicle components.
- Avoid overfilling, or the engine could be damaged.
- Check the oil level on the dipstick every time you refill the vehicle.
- Be sure the engine oil filler cap is properly tightened.

Checking the coolant

■ Engine coolant reservoir

The coolant level is satisfactory if it is between the “MAX” and “MIN” lines on the reservoir when the engine is cold.



A Reservoir

B “MAX” line

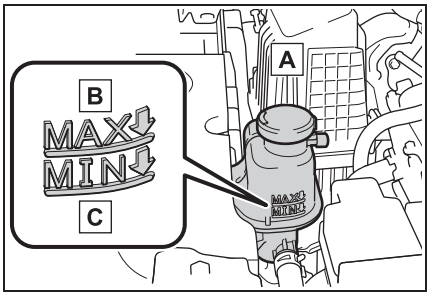
C “MIN” line

If the level is on or below the “MIN” line, add coolant up to the “MAX” line. (→P.495)

■ Power control unit coolant reservoir

▶ 2ZR-FXE engine

The coolant level is satisfactory if it is between the “MAX” and “MIN” lines on the reservoir when the hybrid system is cold.



A Reservoir

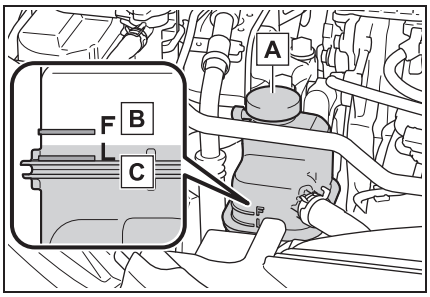
B “MAX” line

C “MIN” line

If the level is on or below the “MIN” line, add coolant up to the “MAX” line. (→P.495)

▶ M20A-FXS engine

The coolant level is satisfactory if it is between the “F” and “L” lines on the reservoir when the hybrid system is cold.



A Reservoir

B “F” line

C “L” line

If the level is on or below the “L” line, add coolant up to the “F” line. (→P.495)

■ 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 radiator, hoses, engine/power control unit 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 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

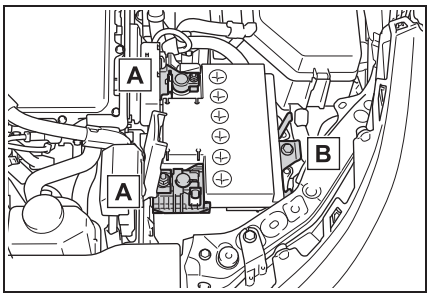
Do not touch the radiator or condenser as they may be hot and cause serious injuries, such as burns.

12-volt battery (2ZR-FXE engine)

Check the 12-volt battery as follows.

■ 12-volt battery exterior

Make sure that the 12-volt battery terminals are not corroded and that there are no loose connections, cracks, or loose clamps.



A Terminals

B Hold-down clamp

■ 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 charger is off when connecting and disconnecting the charger cables to the 12-volt battery.

■ After recharging/reconnecting the 12-volt battery

- Vehicles with entry function: 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 before disconnecting 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 system will not start even after multiple attempts, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

WARNING

■ Chemicals in the 12-volt battery

The 12-volt battery contains poisonous and corrosive sulfuric acid and may produce hydrogen gas which is flammable and explosive. To reduce the risk of death or serious injury, take the following precautions while working on or near the 12-volt battery:

- Do not cause sparks by touching the 12-volt battery terminals with tools.
- Do not smoke or light a match near the 12-volt battery.
- Avoid contact with eyes, skin and clothes.
- Never inhale or swallow electrolyte.
- Wear protective safety glasses when working near the 12-volt battery.
- Keep children away from the 12-volt battery.

■ Where to safely charge the 12-volt battery

Always charge the 12-volt battery in an open area. Do not charge the 12-volt battery in a garage or closed room where there is insufficient ventilation.

■ Emergency measures regarding electrolyte

- If electrolyte gets in your eyes
  Flush your eyes with clean water for at least 15 minutes and get immediate medical attention. If possible, continue to apply water with a sponge or cloth while traveling to the nearest medical facility.
- If electrolyte gets on your skin
  Wash the affected area thoroughly. If you feel pain or burning, get medical attention immediately.
- If electrolyte gets on your clothes
  It can soak through clothing on to your skin. Immediately take off the clothing and follow the procedure above if necessary.
- If you accidentally swallow electrolyte
  Drink a large quantity of water or milk. Get emergency medical attention immediately.

■ When 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 recharging the 12-volt battery

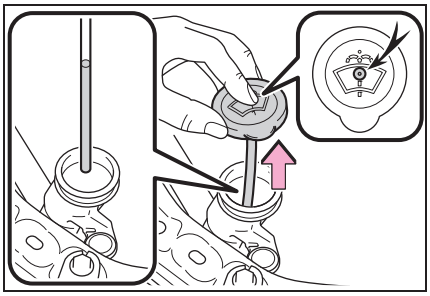
Never recharge the 12-volt battery while the hybrid system is operating. Also, be sure all accessories are turned off.

Adding the washer fluid

▶ Vehicles with a washer fluid level gauge

The washer fluid level is extremely low.

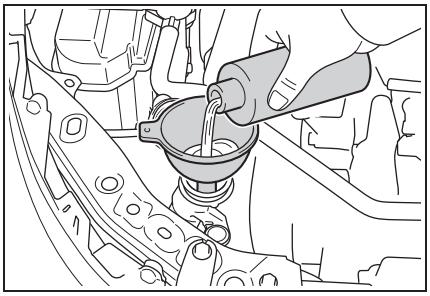
Raise the cap keeping your finger pressed down on the hole in the center and check the fluid level in the tube.



▶ Vehicles without a washer fluid level gauge

Add washer fluid in the following situations:

- A washer does not work.
- The warning message appears on the multi-information display.



WARNING

■ When adding washer fluid

Do not add washer fluid when the hybrid system is hot or operating as washer fluid contains alcohol and may catch fire if spilled on the engine, etc.

NOTICE

■ Do not use any fluid other than washer fluid

Do not use soapy water or engine 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

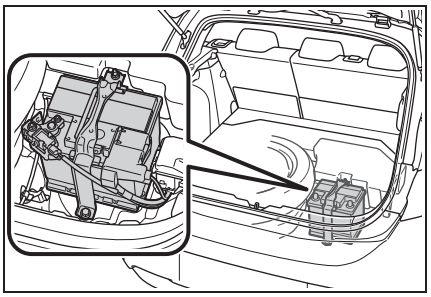
Dilute washer fluid with water as necessary.
Refer to the freezing temperatures listed on the label of the washer fluid bottle.

12-volt battery (M20A-FXS engine)

Location

▶ Hatchback

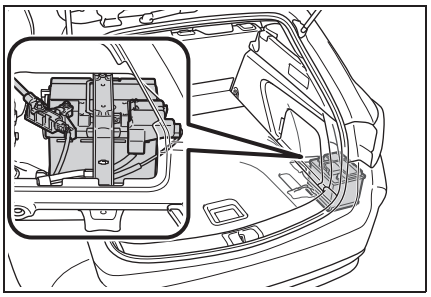
The 12-volt battery is located in the luggage compartment under the deck mat or deck board.



Opening the deck board (→P.354) or lift the deck mat (→P.355).

▶ Wagon

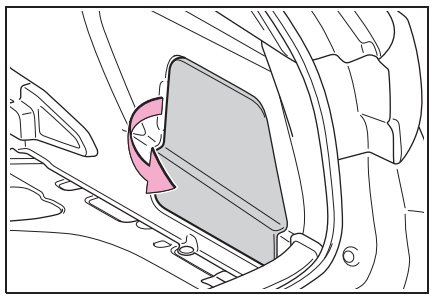
The 12-volt battery is located in the right-hand side of luggage compartment.



Removing the 12-volt battery cover (wagon)

1 Opening the deck board (→P.354).

2 Removing the 12-volt battery cover.



■ 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 charger is off when connecting and disconnecting the charger cables to the 12-volt battery.

■ After recharging/reconnecting the 12-volt battery

- Vehicles with entry function: 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 before disconnecting 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 system will not start even after multiple attempts, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

WARNING

■ Chemicals in the 12-volt battery

The 12-volt battery contains poisonous and corrosive sulfuric acid and may produce hydrogen gas which is flammable and explosive. To reduce the risk of death or serious injury, take the following precautions while working on or near the 12-volt battery:

- Do not cause sparks by touching the 12-volt battery terminals with tools.
- Do not smoke or light a match near the 12-volt battery.
- Avoid contact with eyes, skin and clothes.
- Never inhale or swallow electrolyte.
- Wear protective safety glasses when working near the 12-volt battery.
- Keep children away from the 12-volt battery.

■ Where to safely charge the 12-volt battery

Always charge the 12-volt battery in an open area. Do not charge the 12-volt battery in a garage or closed room where there is insufficient ventilation.

■ Emergency measures regarding electrolyte

- If electrolyte gets in your eyes
  Flush your eyes with clean water for at least 15 minutes and get immediate medical attention. If possible, continue to apply water with a sponge or cloth while traveling to the nearest medical facility.
- If electrolyte gets on your skin
  Wash the affected area thoroughly. If you feel pain or burning, get medical attention immediately.
- If electrolyte gets on your clothes
  It can soak through clothing on to your skin. Immediately take off the clothing and follow the procedure above if necessary.
- If you accidentally swallow electrolyte
  Drink a large quantity of water or milk. Get emergency medical attention immediately.

■ When replacing the 12-volt battery

Use a 12-volt battery designed for this vehicle. Failure to do so may cause gas (hydrogen) to enter the passenger compartment, causing a fire or explosion.

For replacement of the 12-volt battery, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

NOTICE

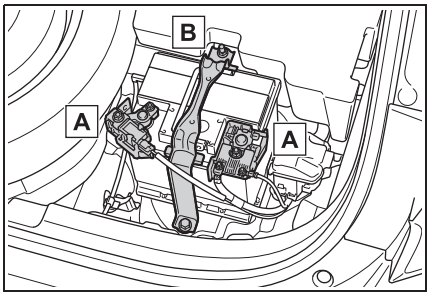
■ When recharging the 12-volt battery

Never recharge the 12-volt battery while the hybrid system is operating. Also, be sure all accessories are turned off.

Exterior

Make sure that the 12-volt battery terminals are not corroded and that there are no loose connections, cracks, or loose clamps.

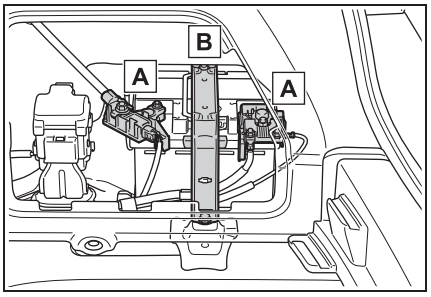
▶ Hatchback



A Terminals

B Hold-down clamp

▶ Wagon



A Terminals

B Hold-down clamp

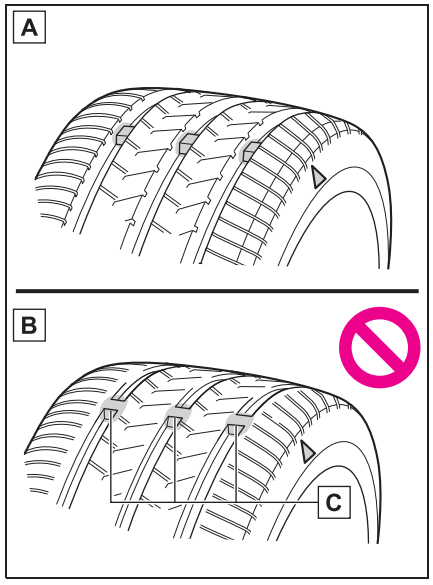
Tires

Replace or rotate tires in accordance with maintenance schedules and treadwear.

Checking tires

Check if the treadwear indicators are showing on the tires. Also check the tires for uneven wear, such as excessive wear on one side of the tread.

Check the spare tire condition and pressure if not rotated.



A New tread

B Worn tread

C Treadwear indicator

The location of treadwear indicators is shown by a “TWI” or “ △ ” mark, etc., molded into the sidewall of each tire.

Replace the tires if the treadwear indicators are showing on a tire.

When to replace your vehicle's tires

Tires should be replaced if:

- The treadwear indicators are showing on a tire.
- You have tire damage such as cuts, splits, cracks deep enough to expose the fabric, and bulges indicating internal damage
- A tire goes flat repeatedly or cannot be properly repaired due to the size or location of a cut or other damage

If you are not sure, consult 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.

Checking the tire valves

When replacing the tires, check the tire valves for deformation, cracks, and other damage.

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 a compact spare tire:
  Do not tow if your vehicle has a compact spare tire installed.

NOTICE

If tire inflation pressure of each tire becomes low while driving

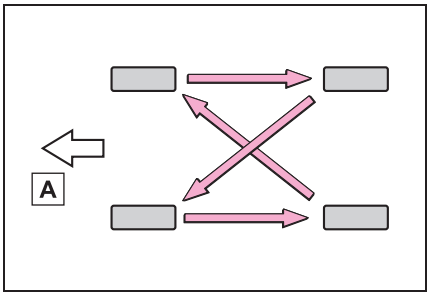
Do not continue driving, or your tires and/or wheels may be ruined.

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.

Tire rotation

Rotate the tires in the order shown.



A Front

To equalize tire wear and help extend tire life, Toyota recommends that tire rotation is carried out approximately every 10000 km (6000 miles).

When rotating front and rear tires which have different tire inflation pressures, do not fail to initialize the tire pressure warning system after tire rotation.

Tire pressure warning system

Your vehicle is equipped with a tire pressure warning system that uses tire pressure warning valves and transmitters to detect low tire inflation pressure before serious problems arise.

The tire pressure warning system of this vehicle adopts a 2-type warning system.

- When “Adjust Pressure” is displayed (Normal Warning)

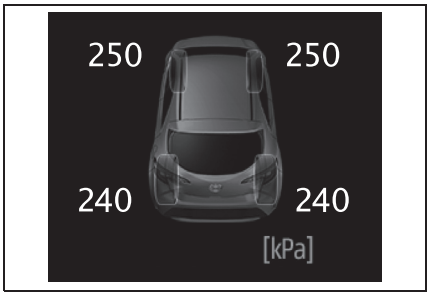
A warning with the tire pressure warning light and warning buzzer when there is an unknown level of low tire pressure with the appearance of the tire due to natural air leakage as well as the pressure lowering due to changes in the pressure according to the outside temperature. (Ways of coping: →P.446, 509)

- When “Immediately Check Tire when Safe” is displayed (Emergency Warning)

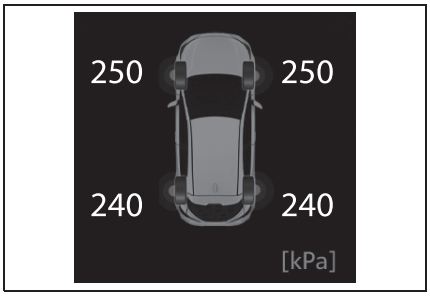
A warning with the tire pressure warning light and warning buzzer when there is a known level of low tire pressure with the appearance of the tire due to pressure suddenly lowering. (Ways of coping: →P.446, 469)
However, the system may not be able to detect sudden tire ruptures (bursting, etc.).

The tire pressure detected by the tire pressure warning system can be displayed on the multi-information display.

▶ 7-inch display



▶ 12.3-inch display



■ **How to change the unit**

▶ 7-inch display

1 Park the vehicle in a safe place and turn the power switch off.

Changing the unit cannot be performed while the vehicle is moving.

2 Turn the power switch to ON.

3 Select ⚙ of the multi-information display and then press OK.

4 Press ❮ or ❯ to select “Vehicle Settings” and then press and hold OK.

5 Press ^ or v to select “TPWS setting” and then press OK.

6 Press ^ or v to select “Pressure unit setting”.

7 Press ^ or v to select the desired unit and then press OK.

▶ 12.3-inch display

1 Park the vehicle in a safe place and turn the power switch off.

Changing the unit cannot be performed while the vehicle is moving.

2 Turn the power switch to ON.

3 Select ⚙ of the multi-information display and then press OK.

4 Press ^ or v to select “Vehicle Settings” and then press and hold OK.

5 Press ^ or v to select “TPWS setting” and then press OK.

6 Press ^ or v to select “Pressure unit setting”.

7 Press ^ or v to select the desired unit and then press OK.

■ **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.
  - A tire has been replaced with a tire that is not an OE (Original Equipment) tire.
  - A tire has been replaced with a tire that is not of the specified size.
  - Tire chains, etc. are equipped.
  - An auxiliary-supported run-flat tire is equipped.

- If a window tint that affects the radio wave signals is installed.
- If there is a lot of snow or ice on the vehicle, particularly around the wheels or wheel housings.
- If the tire inflation pressure is extremely higher than the specified level.
- If tires not equipped with 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.

● When the vehicle is parked, the time taken for the warning to start or go off could be extended.

● When tire inflation pressure declines rapidly for example when a tire has burst, the warning may not function.

■ Warning performance of the tire pressure warning system

The warning of the tire pressure warning system will change in accordance with driving conditions. For this reason, the system may give a warning even if the tire pressure does not reach a low enough level, or if the pressure is higher than the pressure that was adjusted to when the system was initialized.

Installing tire pressure warning valves and transmitters

When replacing tires or wheels, tire pressure warning valves and transmitters must also be installed.

When new tire pressure warning valves and transmitters are installed, new ID codes must be registered in the tire pressure warning computer and the tire pressure warning system must be initialized. (→P.408)

■ Replacing tires and wheels

If the ID code of the tire pressure warning valve and transmitter is not registered, the tire pressure warning system will not work properly. After driving for about 10 minutes, the tire pressure warning light blinks for 1 minute and stays on to indicate a system malfunction.

⚠ NOTICE

■ Repairing or replacing tires, wheels, tire pressure warning valves, transmitters and tire valve caps

● When removing or fitting the wheels, tires or the tire pressure warning valves and transmitters, contact any authorized 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 and the tire pressure warning valves could be bound.

● When replacing tire valve caps, do not use tire valve caps other than those specified. The cap may become stuck.

NOTICE

■ **To avoid damage to the tire pressure warning valves and transmitters**

When a tire is repaired with liquid sealants, the tire pressure warning valve and transmitter may not operate properly. If a liquid sealant is used, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer or other qualified service shop as soon as possible. Make sure to replace the tire pressure warning valve and transmitter when replacing the tire. (→P.402)

Registration of the position of each wheel after performing a tire rotation

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.

▶ 7-inch display

1 Park the vehicle in a safe place and turn the power switch off, wait for approximately 20 minutes or more, and then start the hybrid system.

The wheel position registration procedure cannot be performed while the vehicle is moving.

2 Select ⚙ of the multi-information display and then press OK.

3 Press ❮ or ❯ to select “Vehicle Settings” and then press and hold OK.

4 Press ^ or v to select “TPWS setting” and then press OK.

5 Press ^ or v to select “Tire Rotation” and then press OK.

6 Select “OK” and then press OK.

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.

7 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.

▶ 12.3-inch display

1 Park the vehicle in a safe place and turn the power switch off, wait for approximately 20 minutes or more, and then start the hybrid system.

The wheel position registration procedure cannot be performed while the vehicle is moving.

2 Select ⚙ of the multi-information display and then press OK.

3 Press ∧ or ∨ to select “Vehicle Settings” and then press and hold OK.

4 Press ∧ or ∨ to select “TPWS setting” and then press OK.

5 Press ∧ or ∨ to select “Tire Rotation” and then press OK.

6 Select “OK” and then press OK.

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.

7 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 multi-information 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

▶ 7-inch display

1 Park the vehicle in a safe place and then start the hybrid system.

The tire inflation pressure cannot be set while the vehicle is moving.

2 Select ⚙ of the multi-information display and then press OK.

3 Press ❮ or ❯ to select “Vehicle Settings” and then press and hold OK.

4 Press ^ or v to select “TPWS setting” and then press OK.

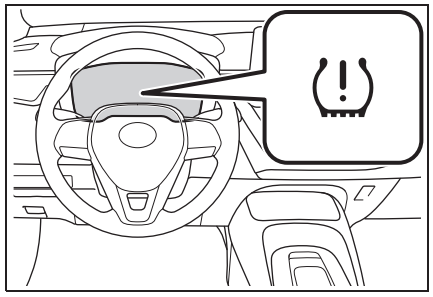
5 Press ^ or v to select “Tire Pressure Setting” and then press OK.

6 Press ^ or v to select “Setting by Specified Pressure” and then press OK.

7 Select the desired tire pressures, then press OK.

The tire pressure warning light will slowly blink 3 times.

After setting the tire inflation pressure, a message indicating that setting has been completed will be displayed on the multi-information display.



▶ 12.3-inch display

1 Park the vehicle in a safe place and then start the hybrid system.

The tire inflation pressure cannot be set while the vehicle is moving.

2 Select ⚙ of the multi-information display and then press OK.

3 Press ∧ or ∨ to select “Vehicle Settings” and then press and hold OK.

4 Press ∧ or ∨ to select “TPWS setting” and then press OK.

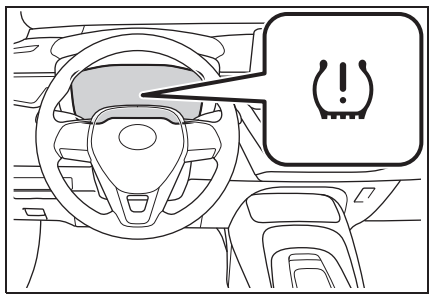
5 Press ∧ or ∨ to select “Tire Pressure Setting” and then press OK.

6 Press ∧ or ∨ to select “Setting by Specified Pressure” and then press OK.

7 Select the desired tire pressures, then press OK.

The tire pressure warning light will slowly blink 3 times.

After setting the tire inflation pressure, a message indicating that setting has been completed will be displayed on the multi-information display.



■ 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 before performing tire pressure setting. Otherwise, the tire pressure warning light may not illuminate even if the tire inflation pressure drops or may illuminate even though the tire inflation pressure is normal.

▶ 7-inch display

1 Park the vehicle in a safe place and then start the hybrid system.

The tire inflation pressure cannot be set while the vehicle is moving.

2 Select ⚙ of the multi-information display and then press OK.

3 Press ❮ or ❯ to select “Vehicle Settings” and then press and hold OK.

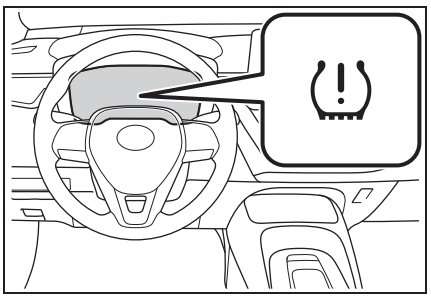
4 Press ^ or ⌄ to select “TPWS setting” and then press OK.

5 Press ^ or ⌄ to select “Tire Pressure Setting” and then press OK.

6 Press ^ or ⌄ to select “Setting by Current Pressure” and then press OK.

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.



▶ 12.3-inch display

1 Park the vehicle in a safe place and then start the hybrid system.

The tire inflation pressure cannot be set while the vehicle is moving.

2 Select ⚙ of the multi-information display and then press OK.

3 Press ^ or ⌄ to select “Vehicle Settings” and then press and hold OK.

4 Press ^ or ⌄ to select “TPWS setting” and then press OK.

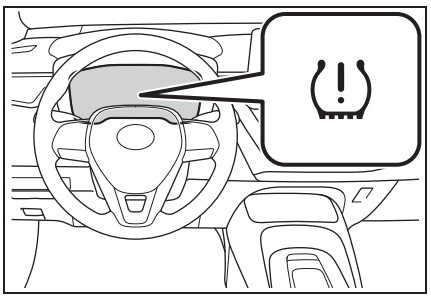
5 Press ^ or ⌄ to select “Tire Pressure Setting” and then press OK.

6 Press ^ or ⌄ to select “Setting by Current Pressure” and then press OK.

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

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.

Before performing ID code registration, make sure that no wheels with tire pressure warning valve and transmitters installed are near the vehicle.

▶ 7-inch display

1 Park the vehicle in a safe place and turn the power switch off, wait for approximately 20 minutes or more, and then start the hybrid system.

The ID code registration procedure cannot be performed while the vehicle is moving.

2 Select ⚙ of the multi-information display and then press OK.

3 Press ❮ or ❯ to select “Vehicle Settings” and then press and hold OK.

4 Press ^ or v to select “TPWS setting” and then press OK.

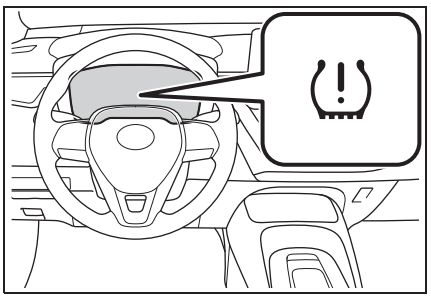
5 Press ^ or v to select “Tire Set Switching” and then press OK.

6 Press ^ or v to select “Register New Valve / ID” and then press OK.

7 Press ^ or v to select “Tire Set 1” or “Tire Set 2”. Then press OK.

ID codes will be registered to the displayed wheel set.

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.



8 Select “OK” and then press OK.

The tire pressure warning light will slowly blink 3 times and a message indicating that ID code registration is being performed will be displayed on the multi-information display. Wheel set changing will be canceled and registration will begin.

When registration is being performed, the tire pressure warning light will blink for approximately 1 minute then illuminate and “---” will be displayed for the inflation pressure of each tire on the multi-information display.

9 Drive straight (with occasional left and right turns) at approximately 40 km/h (25 mph) or more for approximately 10 to 30 minutes.

When registration is complete, the tire pressure warning light will turn off and a message indicating that registration has been completed will be displayed on the multi-information display.

Registration may take longer than normal to complete if the vehicle speed cannot be maintained at approximately 40 km/h (25 mph) or more. If registration cannot be completed after driving for 1 hour or more, perform the registration procedure again from the beginning.

10 If the tire inflation pressure of the wheel set installed differs

from that of the previous set, it will be necessary to perform the tire inflation pressure setting procedure of the tire pressure warning system.

If the specified tire inflation pressure is the same, it will not be necessary to perform the tire inflation pressure setting procedure.

▶ 12.3-inch display

1 Park the vehicle in a safe place and turn the power switch off, wait for approximately 20 minutes or more, and then start the hybrid system.

The ID code registration procedure cannot be performed while the vehicle is moving.

2 Select ⚙ of the multi-information display and then press OK .

3 Press ∧ or ∨ to select “Vehicle Settings” and then press and hold OK .

4 Press ∧ or ∨ to select “TPWS setting” and then press OK .

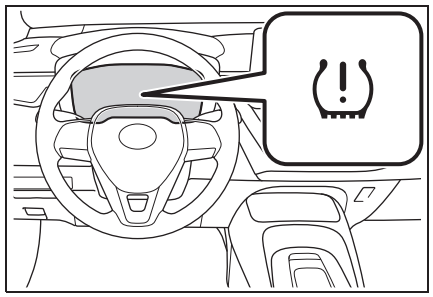
5 Press ∧ or ∨ to select “Tire Set Switching” and then press OK .

6 Press ∧ or ∨ to select “Register New Valve / ID” and then press OK .

7 Press ∧ or ∨ to select “Tire Set 1” or “Tire Set 2”. Then press OK .

ID codes will be registered to the displayed wheel set.

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.



8 Select “OK” and then press OK .

The tire pressure warning light will slowly blink 3 times and a message indicating that ID code registration is being performed will be displayed on the multi-information display. Wheel set changing will be canceled and registration will begin.

When registration is being performed, the tire pressure warning light will blink for approximately 1 minute then illuminate and “---” will be displayed for the inflation pressure of each tire on the multi-information display.

9 Drive straight (with occasional left and right turns) at approximately 40 km/h (25 mph) or more for approximately 10 to 30 minutes.

When registration is complete, the tire pressure warning light will turn off and a message indicating that registration has been completed will be displayed

on the multi-information display.

Registration may take longer than normal to complete if the vehicle speed cannot be maintained at approximately 40 km/h (25 mph) or more. If registration cannot be completed after driving for 1 hour or more, perform the registration procedure again from the beginning.

10 If the tire inflation pressure of the wheel set installed differs from that of the previous set, it will be necessary to perform the tire inflation pressure setting procedure of the tire pressure warning system.

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 20 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 the tire pressure warning light does not blink 3 times when starting ID code registration procedure to step **8**, the procedure may not have started. Perform the procedure again from the beginning.
- 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 Valve / ID” again on the multi-information 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 Valve / ID” on the multi-information 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,

it will not be possible to change to the selected wheel set.

ID codes can be registered by yourself.

- 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.

▶ 7-inch display

1 Install the desired wheel set.

2 Select ⚙ of the multi-information display and then press OK.

3 Press ❮ or ❯ to select “Vehicle Settings” and then press and hold OK.

4 Press ^ or v to select “TPWS setting” and then press OK.

5 Press ^ or v to select “Tire Set Switching” and then press OK.

6 Press ^ or v to select “Register Valve / ID” and then press OK.

7 Press ^ or v to select “Tire Set 1” or “Tire Set 2”. Then press OK.

8 Select “OK” and then press OK.

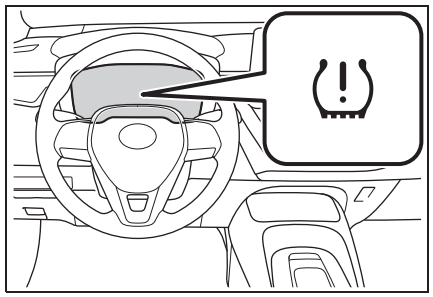
The tire pressure warning light will slowly blink 3 times, a message indicating that change is occurring will be displayed, and the wheel set change will begin.
Wheel set change will begin and the tire pressure warning light will blink for 1 minute and then illuminate.

Also, while the change is being performed, “---” will be displayed for the tire inflation pressure of each tire on the multi-information display.

After approximately 2 minutes, the wheel set change will complete, the tire pressure warning light will turn off, and a completion message will be displayed on the multi-information display.

If changing does not complete after approximately 4 minutes, a message indicating that the change could not be completed will be displayed.

Check which wheel set is installed and perform the change procedure again from the beginning.



9 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.405)

If the specified tire inflation pressure is the same, it will not be necessary to perform the tire inflation pressure setting procedure.

10 Register the position of each wheel.

▶ 12.3-inch display

1 Install the desired wheel set.

2 Select ⚙ of the multi-information display and then press OK.

3 Press ∧ or ∨ to select "Vehicle Settings" and then press and hold OK.

4 Press ∧ or ∨ to select "TPWS setting" and then press OK.

5 Press ∧ or ∨ to select "Tire Set Switching" and then press OK.

6 Press ∧ or ∨ to select "Register Valve / ID" and then press OK.

7 Press ∧ or ∨ to select "Tire Set 1" or "Tire Set 2". Then press OK.

8 Select "OK" and then press OK.

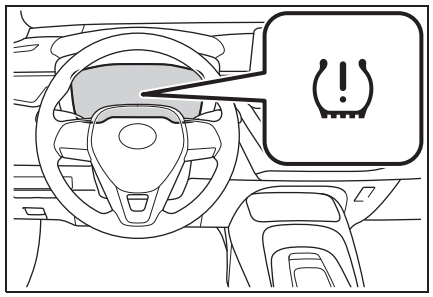
The tire pressure warning light will slowly blink 3 times, a message indicating that change is occurring will be displayed, and the wheel set change will begin.
Wheel set change will begin and the tire pressure warning light will blink for 1 minute and then illuminate.

Also, while the change is being performed, "---" will be displayed for the tire inflation pressure of each tire on the multi-information display.

After approximately 2 minutes, the wheel set change will complete, the tire pressure warning light will turn off, and a completion message will be displayed on the multi-information display.

If changing does not complete after approximately 4 minutes, a message indicating that the change could not be completed will be displayed.

Check which wheel set is installed and perform the change procedure again from the beginning.



9 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.405)

If the specified tire inflation pressure is the same, it will not be necessary to perform the tire inflation pressure setting procedure.

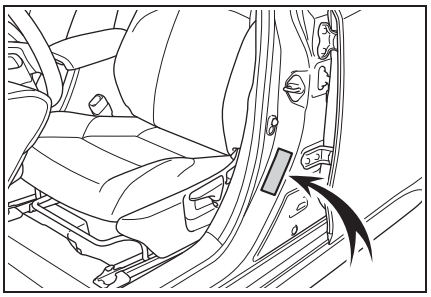
10 Register the position of each wheel.

Tire inflation pressure

Make sure to maintain 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.509)

Tire-loading information label

Tire inflation pressure is specified on the label on the driver's side door frame as shown.



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 on 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

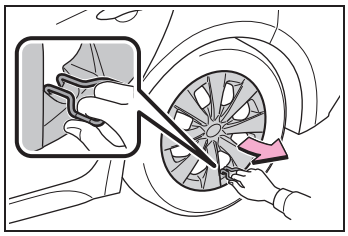
When replacing wheels

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, the tire pressure warning valves and transmitters must be installed. (→P.402)

■ **When removing the wheel ornament (vehicles with a wheel cap clip)**

Remove the wheel ornament using the wheel cap clip*.

*: The wheel cap clip is installed in the glove box. (→P.351)



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**

- Be sure to install the wheel nuts with the tapered ends facing inward. (→P.478) Installing the nuts with the tapered ends facing outward can cause the wheel to break and eventually cause the wheel to come off while driving, which could lead to an accident resulting in death or serious injury.
- Never use oil or grease on the wheel bolts or wheel nuts.
  Oil and grease may cause the wheel nuts to be excessively tightened, leading to bolt or disc wheel damage. In addition, the oil or grease can cause the wheel nuts to loosen and the wheel may fall off, causing 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. 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 (if equipped)

- Use only Toyota wheel nuts and wheel nut 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.

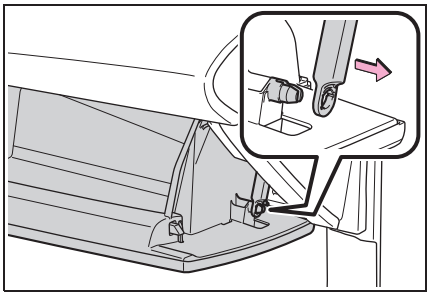
Air conditioning filter

The air conditioning filter must be changed regularly to maintain air conditioning efficiency.

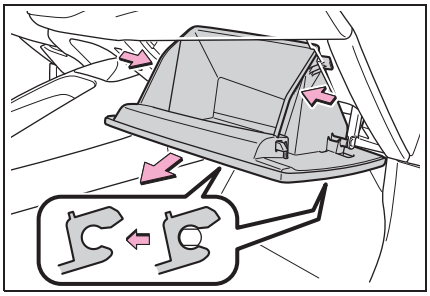
Removing the air conditioning filter

1 Turn the power switch off.

2 Open the glove box. Slide off the damper.

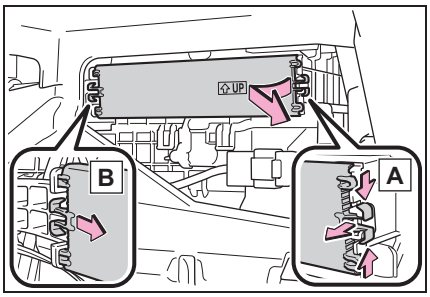


3 Push in the glove box on the vehicle's outer side to disconnect the claws. Then pull out the glove box and disconnect the lower claws.

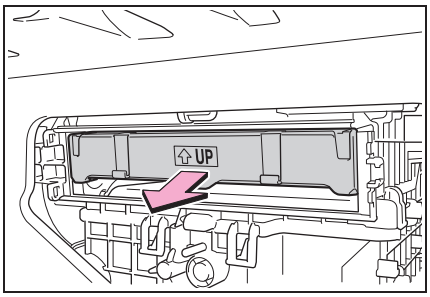


4 Unlock the filter cover (A), pull the filter cover out of the claws

(B), and remove the filter cover.

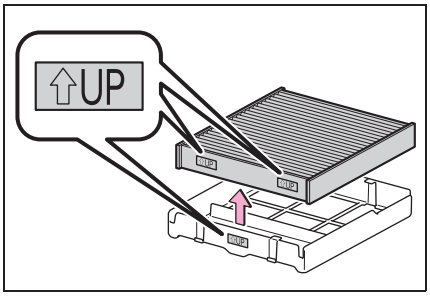


5 Remove the filter case.



6 Remove the air conditioning filter from the filter case and replace it with a new one.

The " ⇧ UP" marks shown on the filter and the filter case should be pointing up.



Checking interval

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.

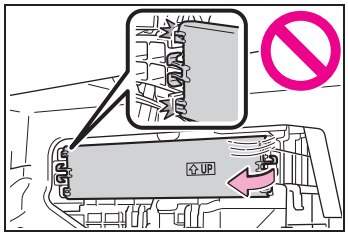
NOTICE

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.

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 vents

To prevent the fuel economy from being affected, visually inspect the hybrid battery (traction battery) air intake vents 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 "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

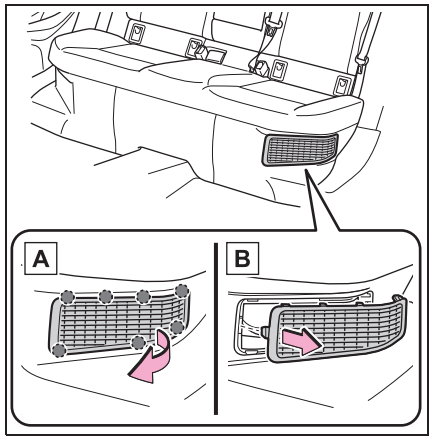
Clean the air intake vent immediately.

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.

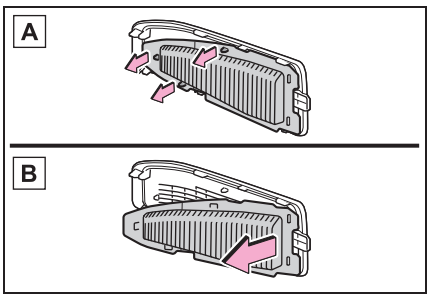
2 Remove the air intake vent cover.



A Pull the cover as shown in the illustration to disengage the 7 claws, starting from the claw in the upper right corner.

B Pull the cover toward the front of the vehicle to remove it.

3 Remove the filter from the air intake vent cover.



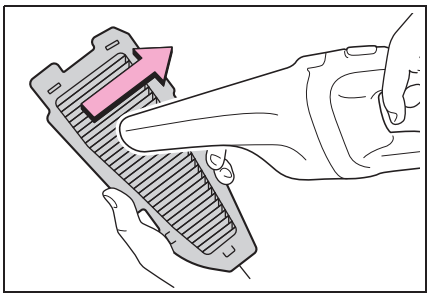
A Disengage the 3 claws as shown in the illustration.

B Remove the filter from the cover.

If dust has accumulated on the air intake vent cover, remove the dust with a vacuum cleaner, etc.

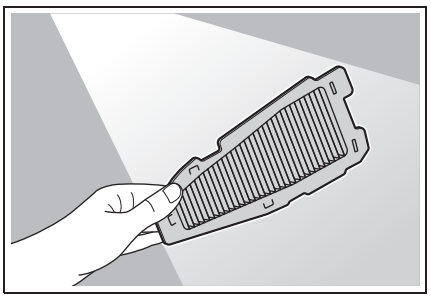
4 Remove the dust and sand from the filter.

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 Install the filter in its original position, and then install the air intake vent cover.

▶ If “Maintenance Required for Traction Battery Cooling Parts See Owner’s Manual” is displayed on the multi-information display

7 Start the hybrid system and check that the warning message is no longer displayed.

It may be necessary to drive the vehicle for 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.

WARNING

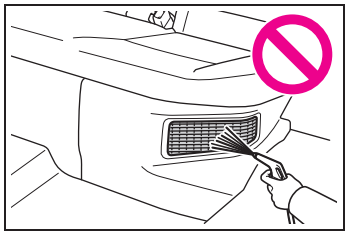
- Before cleaning the air intake vent, make sure to turn the power switch off to stop the hybrid system.
- Do not put a hand or leg in the air intake vent. If it is caught in a cooling fan, or if it touches a high voltage part that results in an electric shock, death or serious injuries may result.

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 liquid or foreign material 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.
As the key may be damaged if the following procedure is not performed properly, it is recommended that key battery replacement be performed by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

If the electronic key battery is depleted

The following symptoms may occur:

- The smart entry & start system and wireless remote control will not function properly.
- The operational range will be reduced.

Items to prepare

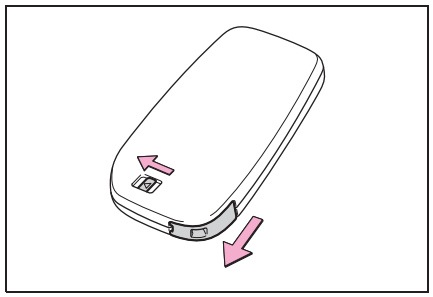
- Flathead screwdriver
- Small flathead screwdriver
- Lithium battery CR2450

Use a CR2450 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 local laws.

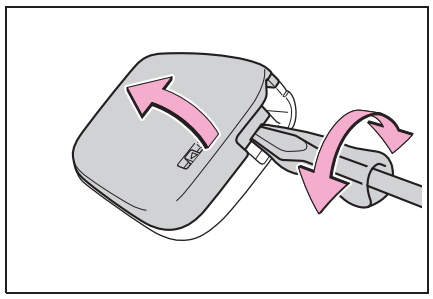
Replacing the battery

1 Release the lock and remove the mechanical key.



2 Remove the key cover.

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

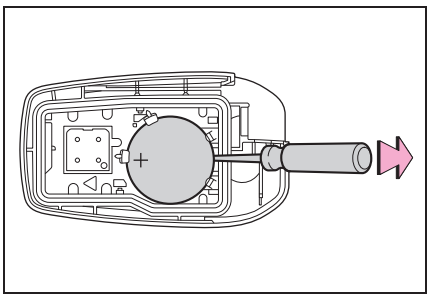


3 Remove the depleted battery using a small flathead screwdriver.

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 the key cover and mechanical key, install by conducting step 2 and step 1 with the directions reversed.

5 Operate the or switch and check that the doors can be locked/unlocked.

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.

NOTICE

■ When replacing the battery

Use a flathead screwdriver of appropriate size. Applying excessive force may deform or damage the cover.

■ For normal operation after replacing the battery

Observe the following precautions to prevent accidents:

- Always work with dry hands. Moisture may cause the battery to rust.
- Do not touch or move any other component inside the remote control.
- Do not bend either of the battery terminals.

Checking and replacing fuses

If any of the electrical components do not operate, a fuse may have blown. If this happens, check and replace the fuses as necessary.

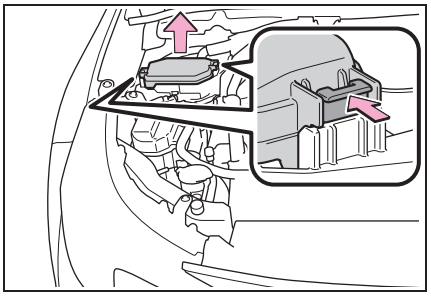
Checking and replacing fuses

1 Turn the power switch off.

2 Open the fuse box cover.

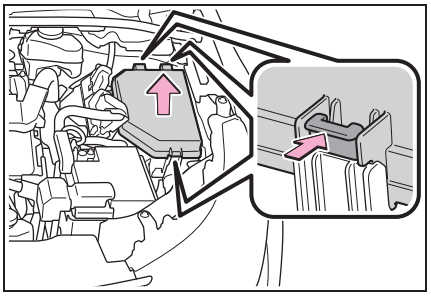
▶ Engine compartment: type A fuse box

Push the tabs in and lift the lid off.



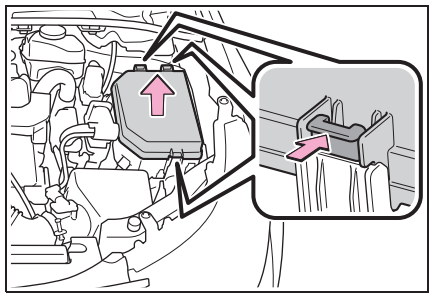
▶ Engine compartment: type B fuse box (2ZR-FXE engine)

Push the tabs in and lift the lid off.



▶ Engine compartment: type B fuse box (M20A-FXS engine)

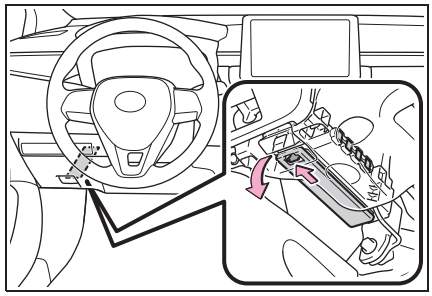
Push the tabs in and lift the lid off.



▶ Under the driver's side instrument panel (left-hand drive vehicles)

Remove the lid.

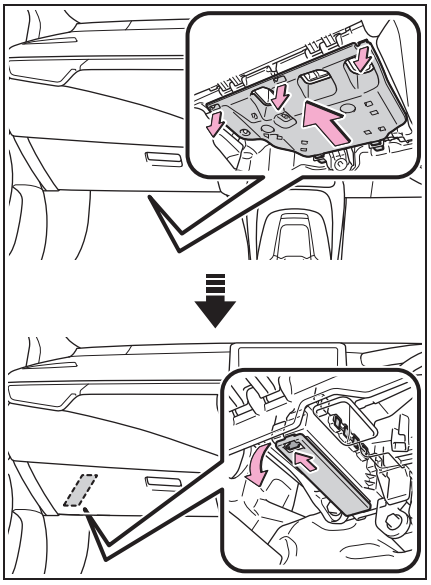
Make sure to push the claw when removing/installing the lid.



▶ Under the passenger's side instrument panel (right-hand drive vehicles)

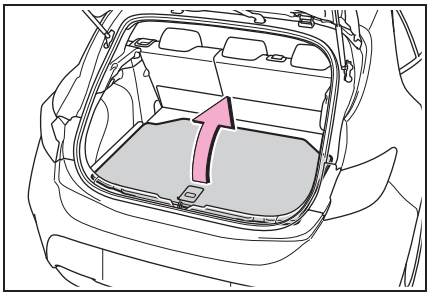
Remove the cover and then remove the lid.

Make sure to push the claw when removing/installing the lid.

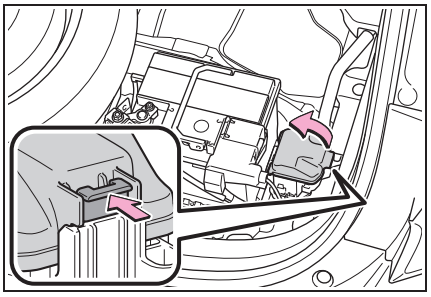


▶ Luggage compartment (hatchback) (M20A-FXS engine)

Remove the deck board. (→P.354)

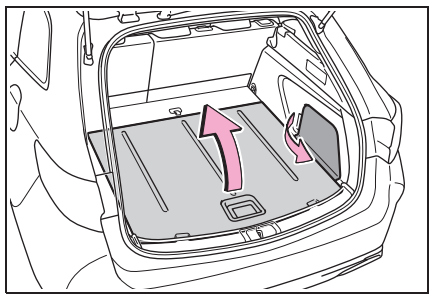


Push the tab in and lift the lid off.

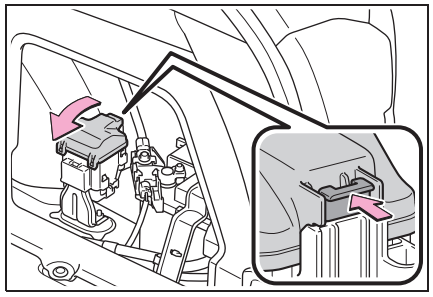


▶ Luggage compartment (wagon) (M20A-FXS engine)

Remove the deck board (→P.354) and 12-volt battery cover (→P.396).

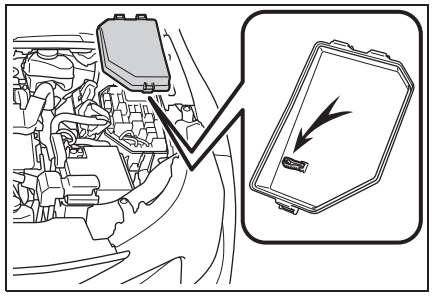


Push the tab in and lift the lid off.

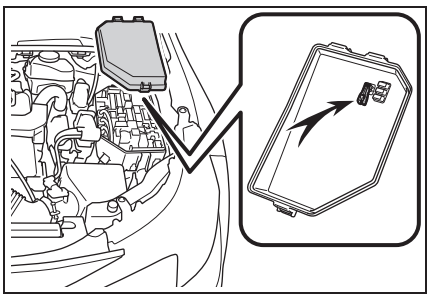


3 Remove the fuse with the pull-out tool.
Only type A fuse can be removed using the pullout tool.

▶ 2ZR-FXE engine



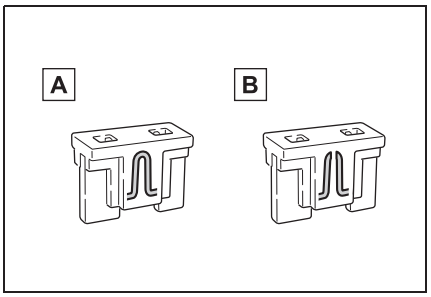
▶ M20A-FXS engine



4 Check if the fuse is blown.

Replace the blown fuse with a new fuse of an appropriate amperage rating. The amperage rating can be found on the fuse box lid.

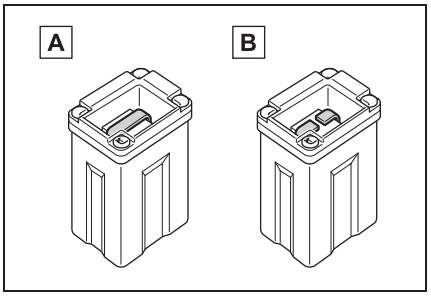
▶ Type A



A Normal fuse

B Blown fuse

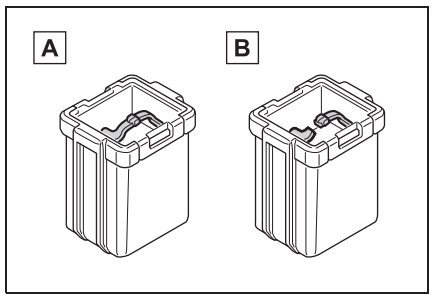
▶ Type B



A Normal fuse

B Blown fuse

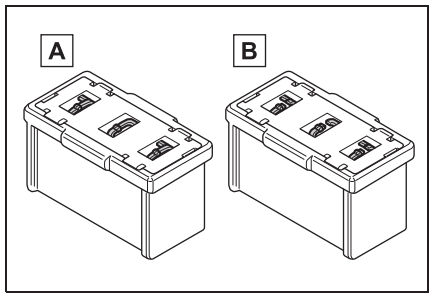
▶ Type C



A Normal fuse

B Blown fuse

▶ Type D



A Normal fuse

B Blown fuse

■ After a fuse is replaced

- When installing the lid, make sure that the tab is installed securely.
- If the lights do not turn on even after the fuse has been replaced, a bulb may need replacement. (→P.427)
- 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 light bulbs

Toyota recommends that you use genu-

ine Toyota products designed for this vehicle.
Because certain bulbs are connected to circuits designed to prevent overload, non-genuine parts or parts not designed for this vehicle may be unusable.

WARNING

■ **To prevent system breakdowns and vehicle fire**

Observe the following precautions. Failure to do so may cause damage to the vehicle, and possibly a fire or injury.

- Never use a fuse of a higher amperage rating than that indicated, or use any other object in place of a fuse.
- Always use a genuine 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.

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

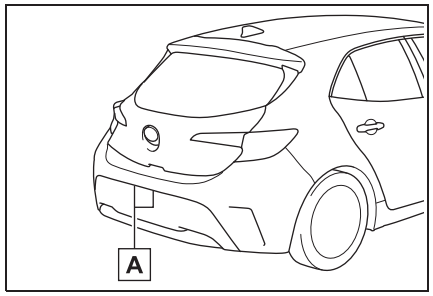
Check the wattage of the light bulb to be replaced. (→P.511)

Canceling the power back door system (if equipped)

→P.518

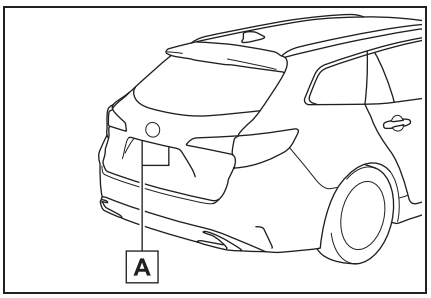
Bulb locations

▶ Hatchback



A License plate lights

▶ Wagon



A License plate lights

■ **Bulbs that need to be replaced by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer**

- Headlights
- Front position lights
- Daytime running lights
- Turn signal lights
- Front fog lights (if equipped)
- Tail lights
- Stop lights
- Back-up light
- Rear fog light
- High mounted stoplight

■ **LED light bulbs**

The lights other than the license plate lights 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 headlight 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 headlight.

■ **When replacing light bulbs**

→P.426

Replacing light bulbs

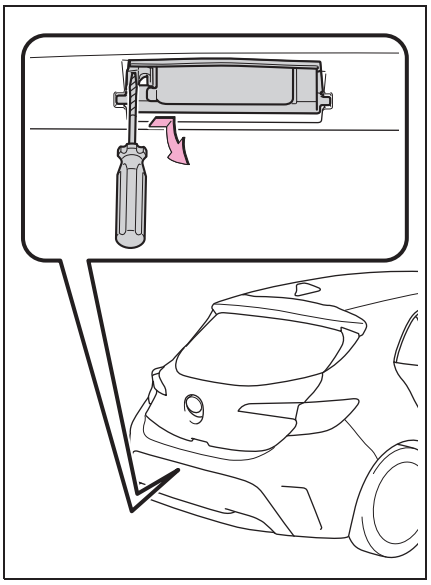
■ **License plate lights**

▶ Hatchback

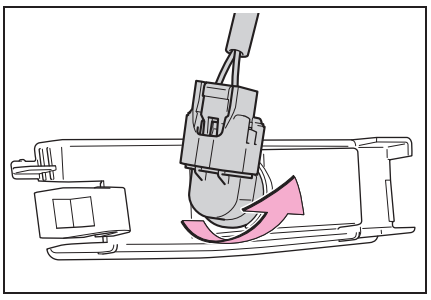
1 Remove the light unit.

Insert a flathead screwdriver or similar into the hole next to the light and remove it as shown in the illustration.

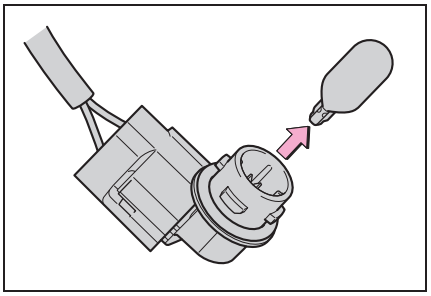
To prevent damaging the vehicle, wrap the flathead screwdriver with a tape.



2 Turn the bulb base counterclockwise and remove it.



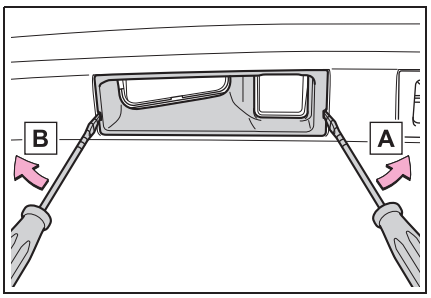
3 Remove the light bulb.



4 When installing, reverse the steps listed.

▶ Wagon

1 Remove the cover.

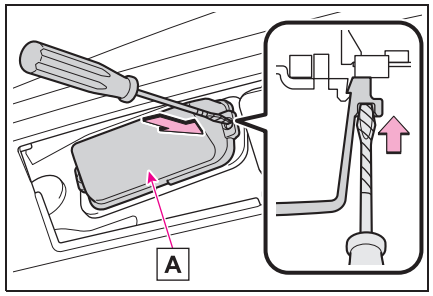


A Insert a flathead screwdriver, etc. into the slot on the right side and disengage the claw.

B Insert a flathead screwdriver, etc. into the slot on the left side and disengage the claw, then remove the cover.

To prevent damaging the vehicle, wrap the tip of the screwdriver with tape.

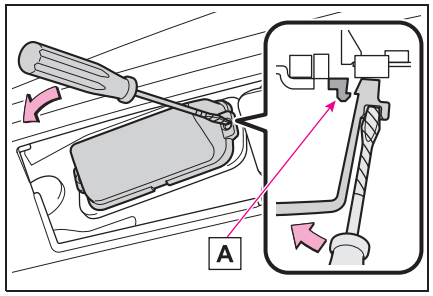
2 Insert a small flathead screwdriver, etc. into either the right or left hole of the lens.



A Lens

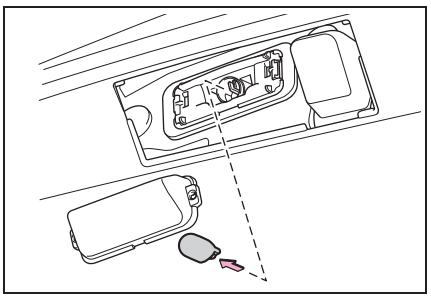
3 Remove the lens.

Push the screwdriver sideways in the direction of the arrow shown in the illustration, disengage the hook, and then remove the lens.

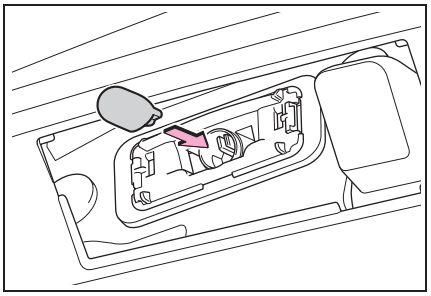


A Hook

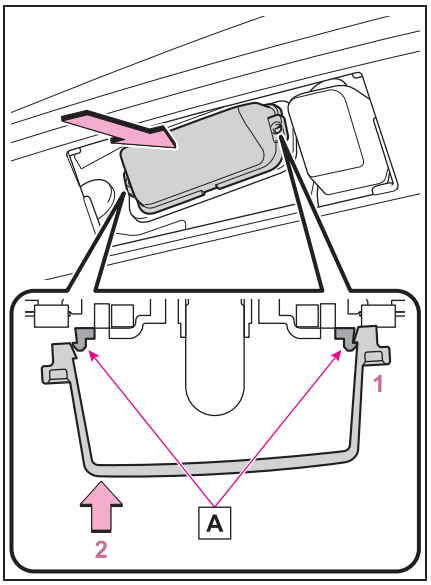
4 Remove the light bulb.



5 Install a new light bulb.



6 Install the lens.

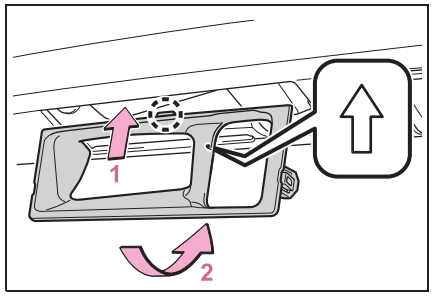


1 Fit the lens into either the right or left hooks A.

2 Push the lens into place.

7 After installation, confirm that the lens is properly installed by gently pulling it.

8 Reinstall the cover.



1 With the arrow on the inside of the cover pointing up, insert the tab (indicated by the dotted line).

2 Push the lower part of the cover in the direction of the arrow shown in the illustration to engage the two claws.

WARNING

■ Replacing light bulbs

- Turn off the lights. Do not attempt to replace the bulb immediately after turning off the lights. The bulbs 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.

WARNING

- Fully install light bulbs and any parts used to secure them. Failure to do so may result in heat damage, fire, or water entering the light unit. This may damage the lights or cause condensation to build up on the lens.

■ To prevent damage or fire

Make sure bulbs are fully seated and locked.

7-1. Essential information

Emergency flashers.....434

If your vehicle has to be stopped in an emergency 434

If the vehicle is submerged or water on the road is rising 435

7-2. Steps to take in an emergency

If your vehicle needs to be towed.....437

If you think something is wrong 440

If a warning light turns on or a warning buzzer sounds...442

If a warning message is displayed.....452

If you have a flat tire (vehicles with an emergency tire puncture repair kit) 457

If you have a flat tire (vehicles with a spare tire).....469

If the hybrid system will not start 484

If you lose your keys.....486

If the electronic key does not operate properly 486

If the 12-volt battery is discharged 488

If your vehicle overheats...495

If the vehicle becomes stuck 499

Emergency flashers

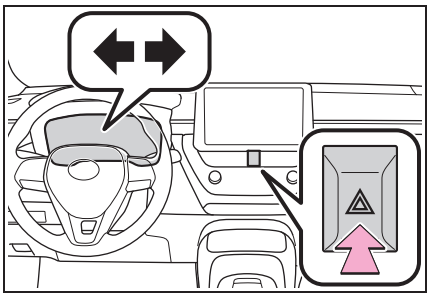
The emergency flashers are used to warn other drivers when the vehicle has to be stopped on the road due to a breakdown, etc.

Operating instructions

Press the switch.

All the turn signal lights will flash.

To turn them off, press the switch once again.



■ Emergency flashers

- If the emergency flashers are used for a long time while the hybrid system is not operating (while the “READY” indicator is not illuminated), the 12-volt battery may discharge.
- If any of the SRS airbags deploy (inflate) or in the event of a strong rear impact, the emergency flashers will turn on automatically.
  The emergency flashers will turn off automatically after operating for approximately 20 minutes. To manually turn the emergency flashers off, press the switch twice.
  (The emergency flashers may not turn on automatically depending on the force of the impact and conditions of the collision.)

If your vehicle has to be stopped in an emergency

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

Stopping the vehicle

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

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

2 Shift the shift lever to N.

▶ If the shift lever is shifted to N

3 After slowing down, stop the vehicle in a safe place by the road.

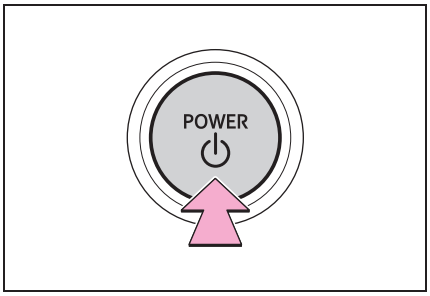
4 Stop the hybrid system.

▶ If the shift lever cannot be shifted to N

3 Keep depressing the brake pedal with both feet to reduce vehicle speed as much as possible.

4 To stop the hybrid system, press and hold the power switch for 2 consecutive seconds or more,

or press it briefly 3 times or more in succession.



5 Stop the vehicle in a safe place by the road.

WARNING

■ If the hybrid system has to be turned off while driving

Power assist for the steering wheel will be lost, making the steering wheel heavier to turn. Decelerate as much as possible before turning off the hybrid system.

If the vehicle is submerged or water on the road is rising

This vehicle is not designed to be able to drive on roads that are deeply flooded with water. Do not drive on roads where the roads may be submerged or the water may be rising. It is dangerous to remain in the vehicle, if it anticipated that the vehicle will be flooded or set a drift. Remain calm and follow the following.

- If the door can be opened, open the door and exit the vehicle.
- If the door can not be opened, open the window using the power window switch and ensure an escape route.
- If the window can be opened, exit the vehicle through the window.
- If the door and window cannot be opened due to the rising water, remain calm, wait until the water level inside the vehicle rises to the point that the water pressure inside of the vehicle equals the water pressure outside of the vehicle and then open the door after waiting for the rising water to enter the vehicle, and exit the vehicle. When the outside water level exceeds half the height of the door, the door cannot be opened from the inside due to

water pressure.

■ Water level exceeds the floor

When the water level exceeds the floor and time has passed, the electrical equipment will get damaged, the power windows will not operate, the engine and motor stop, and the vehicle may not be able to get moving.

■ Using an emergency escape hammer*1

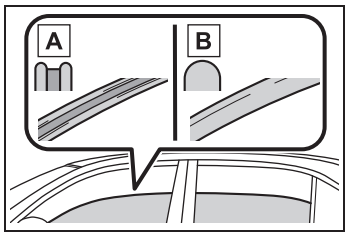
Laminated glass*2 is used in the windshield and the windows on this vehicle. Laminated glass cannot be shattered with an emergency hammer*1.

*1: Contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer or aftermarket accessory manufacturer for further information about an emergency hammer.

*2: If equipped

■ How to distinguish laminated glass

When looking from the cross-sectional view point, laminated glass is two sheets of glass pasted together.



A Laminated glass

B Tempered glass

WARNING

■ Caution while driving

Do not drive on roads where the roads may be submerged or the water may be rising. Otherwise the vehicle may be damaged and cannot move, as well as become flooded and set a drift, 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.

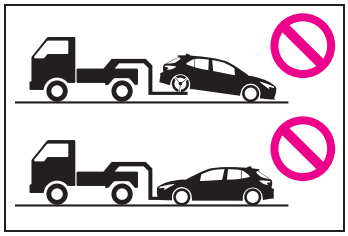
Use a safety chain system for all towing, and abide by all state/provincial and local laws.

⚠ WARNING

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

■ When towing the vehicle

Be sure to transport the vehicle with the front wheels raised or with all four wheels raised off the ground. If the vehicle is towed with the front wheels contacting the ground, the drivetrain and related parts may be damaged or electricity generated by the operation of the motor may cause a fire to occur depending on the nature of the damage or malfunction.



■ While towing

- When towing using cables or chains, avoid sudden starts, etc. which place excessive stress on the towing eyelets, cables or chains. The towing eyelets, cables or chains may become damaged, broken debris may hit people, and cause serious damage.
- Do not turn the power switch off. There is a possibility that the steering wheel is locked and cannot be operated.

■ Installing towing eyelets to the vehicle

Make sure that towing eyelets are installed securely.
If not securely installed, towing eyelets may come loose during towing.

NOTICE

■ To prevent damage to the vehicle when towing using a wheel-lift type truck

- Do not tow the vehicle from the rear when the power switch is off. The steering lock (if equipped) mechanism is not strong enough to hold the front wheels straight.
- When raising the vehicle, ensure adequate ground clearance for towing at the opposite end of the raised vehicle. Without adequate clearance, the vehicle could be damaged while being towed.

■ To prevent damage to the vehicle when towing with a sling-type truck

Do not tow with a sling-type truck, either from the front or rear.

■ To prevent damage to the vehicle during emergency towing

Do not secure cables or chains to the suspension components.

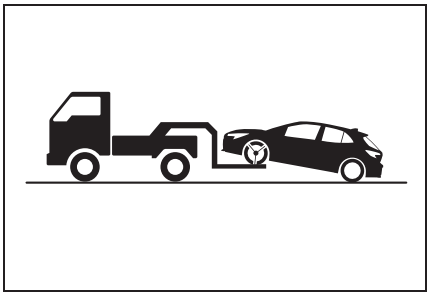
Situations when it is necessary to contact dealers before towing

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

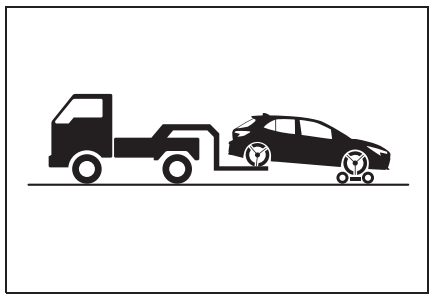
▶ From the front



Release the parking brake.

Turn automatic mode off. (→P.212)

▶ From the rear

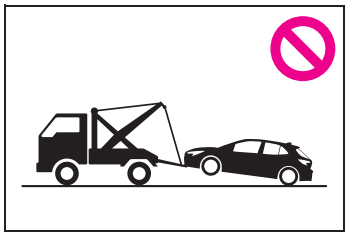


Use a towing dolly under the front wheels.

NOTICE

■ Towing with a sling-type truck

Do not tow with a sling-type truck to prevent body damage.



Using a flatbed truck

When using a flat-bed truck to transport the vehicle, use tire strapping belts. Refer to the owner's manual of the flat-bed truck for the tire strapping method.

In order to suppress vehicle movement during transportation, set the parking brake and turn the power switch off.

NOTICE

■ Using a flatbed truck

Do not overly tighten the tie downs or the vehicle may be damaged.

Emergency towing

If a tow truck is not available in an emergency, your vehicle may be temporarily towed using cables or chains secured to the emergency towing eyelets. This should only be attempted on hard surfaced roads for short distances at under 30 km/h (18 mph).

A driver must be in the vehicle to steer and operate the brakes. The vehicle's wheels, drive train, axles, steering and brakes must be in good condition.

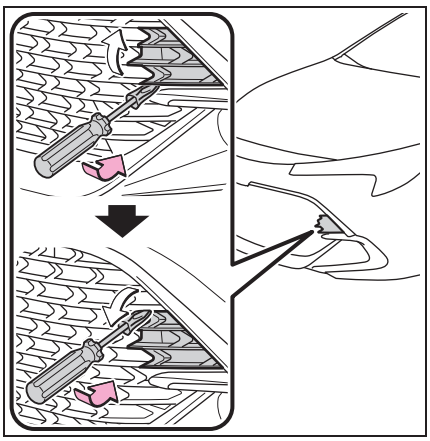
Emergency towing procedure

To have your vehicle towed by another vehicle, the towing eyelet must be installed to your vehicle. Install the towing eyelet using the following procedure.

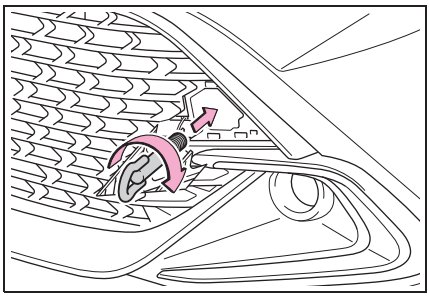
1 Take out the wheel nut wrench (if equipped) and towing eyelet. (→P.459, 470)

2 Remove the eyelet cover using a flathead screwdriver.

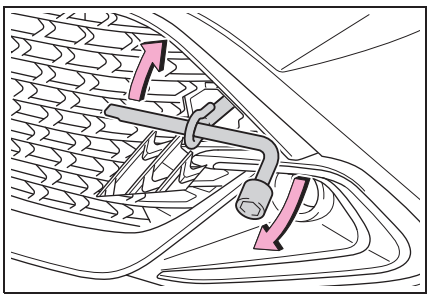
To protect the bodywork, place a rag between the screwdriver and the vehicle body as shown in the illustration.



3 Insert the towing eyelet into the hole and tighten partially by hand.



4 Tighten down the towing eyelet securely using a wheel nut wrench or hard metal bar.



5 Securely attach cables or chains to the towing eyelet.

Take care not to damage the vehicle body.

6 Enter the vehicle being towed and start the hybrid system.

If the hybrid system does not start, turn the power switch to ON.

7 Shift the shift lever to N and release the parking brake.
Turn automatic mode off. (→P.212)
When the shift lever cannot be shifted: →P.205

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

Vehicle without wheel nut wrench: Wheel nut wrench can be purchased at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

Vehicles with wheel nut wrench: Wheel nut wrench is installed in luggage compartment. (→P.470)

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: ● The brake fluid level is low; or ● The brake system is malfunctioning → **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: ● The regenerative braking system; ● The electronically controlled brake system; or ● The parking brake system → **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.**

■ High coolant temperature warning light* (warning buzzer)

Warning light	Details/Actions
	Indicates that the engine coolant temperature is excessively high → **Immediately stop the vehicle in a safe place.** **Handling method (→P.495)**

*: This light illuminates on the multi-information display.

■ Hybrid system overheat warning light* (warning buzzer)

Warning light	Details/Actions
	Indicates that the temperature of the hybrid system is excessively high → **Stop the vehicle in a safe place.** **Handling method (→P.495)**

*: This light illuminates on the multi-information display.

■ Charging system warning light

Warning light	Details/Actions
	Indicates a malfunction in the vehicle's charging system → **Immediately stop the vehicle in a safe place and contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.**

■ Low engine oil pressure warning light* (warning buzzer)

Warning light	Details/Actions
	Indicates that the engine oil pressure is excessively low → **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.

■ Malfunction indicator lamp (warning buzzer)

Warning light	Details/Actions
	Indicates a malfunction in: ● The hybrid system; ● The electronic engine control system; ● The electronic throttle control system; → **Immediately stop the vehicle in a safe place and contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.**

■ SRS warning light (warning buzzer)

Warning light	Details/Actions
	Indicates a malfunction in: ● The SRS airbag system; or ● The seat belt pretensioner system → **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.**

■ ABS warning light

Warning light	Details/Actions
	Indicates a malfunction in: ● The ABS; or ● The brake assist system → **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.**

■ Inappropriate pedal operation warning light* (warning buzzer)

Warning light	Details/Actions
	When a buzzer sounds: ● Brake Override System is malfunctioning ● Drive-Start Control is malfunctioning ● Drive-Start Control is operating → **Follow the instructions displayed on the multi-information display. (→P.452)** When a buzzer does not sound: Brake Override System is operating. → **Release the accelerator pedal and depress the brake pedal.**

*: This light illuminates on the multi-information display.

■ Electric power steering system warning light (warning buzzer)

Warning light	Details/Actions
 (Red) or  (Yellow)	Indicates a malfunction in the EPS (Electric Power Steering) system → **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.**

■ Low fuel level warning light

Warning light	Details/Actions
	Indicates that remaining fuel is approximately 6.4 L (1.7 gal., 1.4 Imp. gal.) or less → **Refuel the vehicle.**

■ Driver's and front passenger's seat belt reminder light (warning buzzer)*

Warning light	Details/Actions
	Warns the driver and/or front passenger to fasten their seat belts → **Fasten the seat belt.** **If the front passenger's seat is occupied, the front passenger's seat belt also needs to be fastened to make the warning light (warning buzzer) turn off.**

*: Driver's and front passenger's seat belt warning buzzer:

The driver's and front passenger's seat belt warning buzzer sounds to alert the driver and front passenger that his or her seat belt is not fastened. If the seat belt is unfastened, the buzzer sounds intermittently for a certain period of time after the vehicle reaches a certain speed.

■ Rear passengers' seat belt reminder lights (warning buzzer)*

Warning light	Details/Actions
 (12.3-inch display)  (7-inch or 12.3-inch display) (if equipped)	Warns the rear passengers to fasten their seat belts → **Fasten the seat belt.**

*: Rear passengers' seat belt warning buzzer:

The rear passengers' seat belt warning buzzer sounds to alert the rear passenger that his or her seat belt is not fastened. If the seat belt is unfastened, the buzzer sounds intermittently for a certain period of time after the vehicle reaches a certain speed.

■ Tire pressure warning light

Warning light	Details/Actions
	When the light comes on after blinking for approximately 1 minute: Malfunction in the tire pressure warning system → **Have the system checked by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.** When the light comes on (a buzzer sounds): Low tire inflation pressure from natural causes → **After the temperature of the tires has lowered sufficiently, check the inflation pressure of each tire and adjust them to the specified level. (→P.414)** Low tire inflation pressure from flat tire → **Immediately stop the vehicle in a safe place and perform the necessary actions. (→P.450)**

■ Toyota parking assist-sensor OFF indicator (warning buzzer)

Warning light	Details/Actions
 (Flashes) (if equipped)	Indicates a malfunction in the Toyota parking assist-sensor function → **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.** Indicates that the system is temporarily unavailable, possibly due to a sensor being dirty or covered with ice, etc. → **Follow the instructions displayed on the multi-information display. (→P.297)**

■ PCS warning light

Warning light	Details/Actions
 (Flashes or illuminates)	Indicates a malfunction in the PCS (Pre-Collision System). → **Follow the instructions displayed on the multi-information display. (→P.452)** If the PCS (Pre-Collision System) or VSC (Vehicle Stability Control) system is disabled, the PCS warning light will illuminate. → **P.244**

■ LTA indicator (warning buzzer)

Warning light	Details/Actions
 (Orange)	Indicates a malfunction in the LTA (Lane Tracing Assist). → **Follow the instructions displayed on the multi-information display. (→P.452)**

■ LDA indicator (warning buzzer)

Warning light	Details/Actions
 (Orange)	Indicates a malfunction in the LDA (Lane Departure Alert). → **Follow the instructions displayed on the multi-information display. (→P.452)**

■ **PDA indicator (warning buzzer)**

Warning light	Details/Actions
 (Orange)	Indicates a malfunction in the PDA (Proactive Driving Assist). → **Follow the instructions displayed on the multi-information display. (→P.452)**

■ **Dynamic radar cruise control indicator (warning buzzer)**

Warning light	Details/Actions
 (Orange)	Indicates a malfunction in the dynamic radar cruise control. → **Follow the instructions displayed on the multi-information display. (→P.452)**

■ **Cruise control indicator (warning buzzer)**

Warning light	Details/Actions
 (Orange)	Indicates a malfunction in the cruise control. → **Follow the instructions displayed on the multi-information display. (→P.452)**

■ **Speed Limiter indicator (warning buzzer)**

Warning light	Details/Actions
 (Orange)	Indicates a malfunction in the speed limiter. → **Follow the instructions displayed on the multi-information display. (→P.452)**

■ Driving assist information indicator

Warning light	Details/Actions
	Indicates either of the following systems may be malfunctioning. ● PCS (Pre-Collision System) ● LDA (Lane Departure Alert) → **Follow the instructions displayed on the multi-information display. (→P.452)** Indicates one of the following systems is malfunctioning or disabled. ● PKSB (Parking Support Brake)* ● BSM (Blind Spot Monitor)* ● RCTA(Rear cross traffic alert)* ● SEA (Safe Exit Assist)* → **Follow the instructions displayed on the multi-information display. (→P.452)**

*: If equipped

■ Slip indicator

Warning light	Details/Actions
	Indicates a malfunction in: ● The VSC system; ● The TRC system; or ● The hill-start assist control system → **Have the vehicle inspected by any authorized 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 → **Operate the parking brake switch once again.** This light comes on the parking brake is not released. If the light turns off after the parking brakes is fully released, the system is operating normally.

■ Brake hold operated indicator

Warning light	Details/Actions
HOLD (Flashes)	Indicates a malfunction in the brake hold system → **Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.**

■ Warning buzzer

In some cases, the buzzer may not be heard due to being in a noisy location or audio sound.

■ Front passenger detection sensor, seat belt reminder and warning buzzer

- If luggage is placed on the front passenger seat, the front passenger detection sensor may cause the warning light to flash and the warning buzzer to sound even if a passenger is not sitting in the seat.
- If a cushion is placed on the seat, the sensor may not detect a passenger, and the warning light may not operate properly.

■ Electric power steering system warning light (warning buzzer)

When the 12-volt battery charge becomes insufficient or the voltage temporarily drops, the electric power steering system warning light may come on and the warning buzzer may sound.

■ When the tire pressure warning light comes on

Inspect the tires to check if a tire is punctured.

If a tire is punctured: →P.457, 469

If none of the tires are punctured:
Turn the power switch off then turn it to ON. Check if the tire pressure warning light comes on or blinks.

▶ If the tire pressure warning light blinks for approximately 1 minute then stays on

There may be a malfunction in the tire pressure warning system. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

▶ If the tire pressure warning light comes on

1. After the temperature of the tires has lowered sufficiently, check the inflation pressure of each tire and adjust them to the specified level.
2. If the warning light does not turn off even after several minutes have elapsed, check that the inflation pressure of each tire is at the specified level and perform initialization. (→P.403)

■ 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 spare tire is not equipped with a tire pressure warning valve and transmitter. If a tire goes flat, the tire pressure warning light will not turn off even though the flat tire has been replaced with the spare tire. Replace the spare tire with the repaired tire and adjust the tire inflation pressure. The tire pressure warning light will go off after a few minutes.

■ Conditions that the tire pressure warning system may not function properly

→P.401

WARNING

■ If both the ABS and the brake system warning lights remain on

Stop your vehicle in a safe place immediately and contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. The vehicle will become extremely unstable during braking, and the ABS system may fail, which could cause an accident resulting in death or serious injury.

■ When the electric power steering system warning light comes on

When the light comes on yellow, the assist to the power steering is restricted. When the light comes on red, the assist to the power steering is lost and handling operations of the steering wheel become extremely heavy.
When steering wheel operations are heavier than usual, grip the steering wheel firmly and operate it using more force than usual.

■ If the tire pressure warning light comes on

Be sure to observe the following precautions.
Failure to do so could cause a loss of vehicle control and result in death or serious injury.

- Stop your vehicle in a safe place as soon as possible. Adjust the tire inflation pressure immediately.
- Vehicles with a compact spare tire and full-size spare tire: If the tire pressure warning light comes on even after tire inflation pressure adjustment, it is probable that you have a flat tire. Check the tires. If a tire is flat, change it with the spare tire and have the flat tire repaired by the nearest any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
- Vehicles with emergency tire puncture repair kit: If the tire pressure warning light comes on even after tire inflation pressure adjustment, it is probable that you have a flat tire. Check the tires. If a tire is flat, repair the flat tire by using emergency tire puncture repair kit.
- 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 for system malfunctions and incorrectly performed operations, and messages that indicate a need for maintenance. When a message is displayed, perform the appropriate corrective action for 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.

Additionally, if a warning light comes on or flashes at the same time that a warning message is displayed, take the appropriate corrective action for the warning light. (→P.442)

Warning messages

The warning messages explained below may differ from the actual messages according to operation conditions and vehicle specifications.

Warning buzzer

A buzzer may sound when a message is displayed.
The buzzer may not be audible if the vehicle is in a noisy location or if the audio system volume is high.

If "Engine Oil Level Low Add or Replace" is displayed

The engine oil level is low. Check the level of the engine oil, and add if necessary.

This message may appear if the vehicle is stopped on a slope. Move the vehicle to a level surface and check to see if the message disappears.

If "Hybrid System Stopped Steering Power Low" is displayed

This message is displayed if the hybrid system is stopped while driving.

When steering wheel operations are heavier than usual, grip the steering wheel firmly and operate it using more force than usual.

If "Hybrid System Overheated Output Power Reduced" is displayed

This message may be displayed when driving under severe operating conditions. (For example, when driving up a long steep hill.)
Handling method: →P.495

If "Traction Battery Needs to be Protected Refrain from the Use of N Position" is displayed

This message may be displayed when the shift lever is in N.

As the hybrid battery (traction battery) cannot be charged when the shift lever is in N, shift the shift lever to P when the vehicle is stopped.

If "Traction Battery Needs to be Protected Shift into P to Restart" is displayed

This message is displayed when the hybrid battery (traction battery) charge has become extremely low because the shift lever has been left in N for a certain amount of time.

When operating the vehicle, shift to P and restart the hybrid system.

If "Shift Out of N Release Accelerator Before Shifting" or "Shift is in N Release Accelerator Before Shifting" is displayed

The accelerator pedal has been depressed when the shift lever is in N.

Release the accelerator pedal and shift

the shift lever to D or R.

■ **If "Shift to P Before Exiting Vehicle" is displayed**

This message is displayed when the driver's door is opened without turning the power switch off with the shift lever in any position other than P. Shift the shift lever to P.

■ **If "Press Brake when Vehicle is Stopped Hybrid System may Overheat" is displayed**

The message may be displayed when the accelerator pedal is depressed to hold the vehicle while the vehicle is stopped on an incline, etc. The hybrid system may overheat. Release the accelerator pedal and depress the brake pedal.

■ **If "Auto Power OFF to Conserve Battery" is displayed**

Power was cut 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 "Headlight System Malfunction Visit Your Dealer" is displayed**

The following systems may be malfunctioning. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

- The LED headlight system
- The automatic headlight leveling system (if equipped)
- AHS (Adaptive High-beam System) (if equipped)
- AHB (Automatic High Beam) (if equipped)

■ **If "System Malfunction Visit Your Dealer" is displayed**

Indicates one of the following systems is disabled.

- PCS (Pre-Collision system)
- LDA (Lane Departure Alert)
- LTA (Lane Tracing Assist)
- AHS (Adaptive High-beam System) (if equipped)
- AHB (Automatic High Beam) (if equipped)
- Dynamic radar cruise control
- Speed limiter
- RSA (Road Sign Assist)
- PDA (Proactive Driving Assist)
- BSM (Blind Spot Monitor) (if equipped)
- RCTA (Rear Cross Traffic Alert) (if equipped)
- SEA (Safe Exit Assist) (if equipped)
- Toyota parking assist-sensor (if equipped)
- PKSB (Parking Support Brake) (if equipped)

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**

Indicates one of the following systems is disabled.

- PCS (Pre-Collision system)
- LDA (Lane Departure Alert)
- LTA (Lane Tracing Assist)
- AHS (Adaptive High-beam System) (if equipped)
- AHB (Automatic High Beam) (if equipped)
- Dynamic radar cruise control
- Speed limiter
- RSA (Road Sign Assist)
- PDA (Proactive Driving Assist)
- BSM (Blind Spot Monitor) (if equipped)

- RCTA (Rear Cross Traffic Alert) (if equipped)
- SEA (Safe Exit Assist) (if equipped)
- Toyota parking assist-sensor (if equipped)
- PKSB (Parking Support Brake) (if equipped)

Follow the following correction methods.

- Check the voltage of the battery
- Check the sensors that the Toyota Safety Sense uses for foreign matter covering them. Remove them if any. (→P.239)
- Check the sensors that the BSM (Blind Spot Monitor), RCTA (Rear Cross Traffic Alert) and SEA (Safe Exit Assist) uses for foreign matter covering them. Remove them if any. (→P.291, 320)
- Check the sensors that the Toyota parking assist-sensor and PKSB (Parking Support Brake) uses for foreign matter covering them. Remove them if any. (→P.295)

Indicates the sensors may not be operating properly. (→P.242, 294, 298, 305, 322)

When problems are solved and the sensors are operational, this indication may disappear by itself.

■ If "System Stopped Front Camera Low Visibility See Owner's Manual" is displayed

Indicates one of the following systems is disabled.

- PCS (Pre-Collision system)
- LDA (Lane Departure Alert)
- LTA (Lane Tracing Assist)
- AHS (Adaptive High-beam System) (if equipped)
- AHB (Automatic High Beam) (if equipped)
- Dynamic radar cruise control
- Speed limiter
- RSA (Road Sign Assist)
- PDA (Proactive Driving Assist)

Follow the following correction methods.

- Using the windshield wipers, remove the dirt or foreign matter from the windshield.
- Using the air conditioning system,defog the windshield.
- Close the hood, remove any stickers,etc. to clear the obstruction in front of the front camera.

■ If "System Stopped Front Camera Out of Temperature Range Wait until Normal Temperature" is displayed

Indicates one of the following systems is disabled.

- PCS (Pre-Collision system)
- LDA (Lane Departure Alert)
- LTA (Lane Tracing Assist)
- AHS (Adaptive High-beam System) (if equipped)
- AHB (Automatic High Beam) (if equipped)
- Dynamic radar cruise control
- Speed limiter
- RSA (Road Sign Assist)
- PDA (Proactive Driving Assist)

Follow the following correction methods.

- If the front camera is hot, such as after the vehicle is parked in the sun, use the air conditioning system to decrease the temperature around the front camera
- If a sunshade was used when the vehicle was parked, depending on its type, the sunlight reflected from the surface of the sunshade may cause the temperature of the front camera to become excessively high
- If the front camera is cold, such after

the vehicle is parked in an extremely cold environment, use the air conditioning system to increase the temperature around the front camera

■ If "System Stopped Front Radar Sensor Blocked Clean Radar Sensor" is displayed

Indicates one of the following systems is disabled.

- PCS (Pre-Collision system)
- LDA (Lane Departure Alert)
- LTA (Lane Tracing Assist)
- AHS (Adaptive High-beam System) (if equipped)
- AHB (Automatic High Beam) (if equipped)
- Dynamic radar cruise control
- Speed limiter

Follow the following correction methods.

- Check if there is any foreign matter attached to the radar sensor or radar sensor cover and clean them if necessary (→P.239)
- This message may be displayed when driving in an open area with few nearby vehicles or structures, such as a desert, grasslands, suburbs, etc.

The message may be cleared by driving the vehicle in an area with structures, vehicles, etc., nearby.

■ If "System Stopped Front Radar Sensor Out of Temperature Range Wait until Normal Temperature" is displayed

Indicates one of the following systems is disabled.

- PCS (Pre-Collision system)
- LDA (Lane Departure Alert)
- LTA (Lane Tracing Assist)
- AHS (Adaptive High-beam System) (if equipped)
- AHB (Automatic High Beam) (if equipped)
- Dynamic radar cruise control
- Speed limiter

Follow the following correction methods.

The temperature of the radar sensor is outside of the operating range. Wait for the temperature to become appropriate.

■ If "System Stopped Front Radar In Self Calibration See Owner's Manual" is displayed

Indicates one of the following systems is disabled.

- PCS (Pre-Collision system)
- LDA (Lane Departure Alert)
- LTA (Lane Tracing Assist)
- AHS (Adaptive High-beam System) (if equipped)
- AHB (Automatic High Beam) (if equipped)
- Dynamic radar cruise control
- Speed limiter

Follow the following correction methods.

- Check if there is any foreign matter attached to the radar sensor or radar sensor cover and clean them if necessary (→P.239)
- The radar sensor may be misaligned and will be adjusted automatically while driving. Continue driving for a while.

■ If "Cruise Control Unavailable See Owner's Manual" is displayed

Indicates one of the following systems is disabled.

- Dynamic radar cruise control
- Cruise control

A message is displayed when the driving assist switch is pushed repeatedly.

Press the driving assist switch quickly and firmly.

■ If "Speed Limiter Unavailable See Owner's Manual" is displayed

This message may be displayed when the shift position is in R.

Shift the shift position to D.

A message is displayed when the driv-

ing assist switch is pushed repeatedly.

Press the driving assist switch quickly and firmly.

■ If “Oil Maintenance Required Soon” is displayed

Indicates that the engine oil should be scheduled to be changed.

Check the engine oil and change it if necessary. After changing the engine oil, make sure to reset the message. (→P.390)

■ If “Oil Maintenance Required” is displayed

Indicates that the engine oil should be changed.

Check and change the engine oil, and oil filter by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. After changing the engine oil, make sure to reset the message. (→P.390)

■ If a message that indicates the need for visiting your Toyota dealer 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 “Engine Coolant Temp High” is displayed, follow the instructions accordingly. (→P.495)
- If “Exhaust Filter Full” is displayed, follow the instructions accordingly. (→P.325)
- If any of the following messages are displayed on the multi-information display, it may indicate a malfunction. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.
  - “Smart Entry & Start System Malfunction”
  - “Hybrid System Malfunction”
  - “Check Engine”
  - “Traction battery system malfunction”
  - “Accelerator System Malfunction”
- If any of the following messages are displayed on the multi-information display, it may indicate a malfunction. Immediately stop the vehicle and contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
  - “Braking Power Low”
  - “Charging System Malfunction”
  - “Oil Pressure Low”
- If any of the following messages are shown on the multi-information display, the vehicle may have run out of fuel. Stop the vehicle in a safe place and, if the fuel level is low, refuel the vehicle. (→P.83)
  - “Hybrid System Stopped”
  - “Engine Stopped”
- If “Maintenance Required for Traction Battery Cooling Parts See Owner's Manual” is shown, the filters may be clogged, the air intake vents 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.419
    If the warning message is shown even if the vents are cleaned, have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

NOTICE

■ If “High Power Consumption Power to Climate Temporarily Limited” is displayed frequently

There is a possible malfunction relating to the charging system or the 12-volt battery may be deteriorating. Have the vehicle inspected by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately.

NOTICE

■ **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 with an emergency tire puncture repair kit)

Your vehicle is not equipped with a spare tire, but instead is equipped with an emergency tire puncture repair kit.

A puncture caused by a nail or screw passing through the tire tread can be repaired temporarily using the emergency tire puncture repair kit. (The kit contains a bottle of sealant. The sealant can be used only once to temporarily repair one tire without removing the nail or screw from the tire.) Depending on the damage, this kit cannot be used to repair the tire. (→P.458)

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. Repairs conducted using the emergency tire puncture repair kit are only a temporary measure. Have the tire repaired and replaced as soon as possible.

WARNING

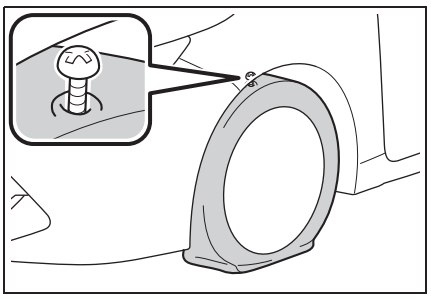
■ If you have a flat tire

Do not continue driving with a flat tire. Driving even a short distance with a flat tire can damage the tire and the wheel beyond repair, which could result in an accident.

Before repairing the tire

- Stop the vehicle in a safe place on a hard, flat surface.
- Set the parking brake.
- Shift the shift lever to P.
- Stop the hybrid system.
- Turn on the emergency flashers.
- Check the degree of the tire damage.

Do not remove the nail or screw from the tire. Removing the object may widen the opening and make emergency repair with the repair kit impossible.



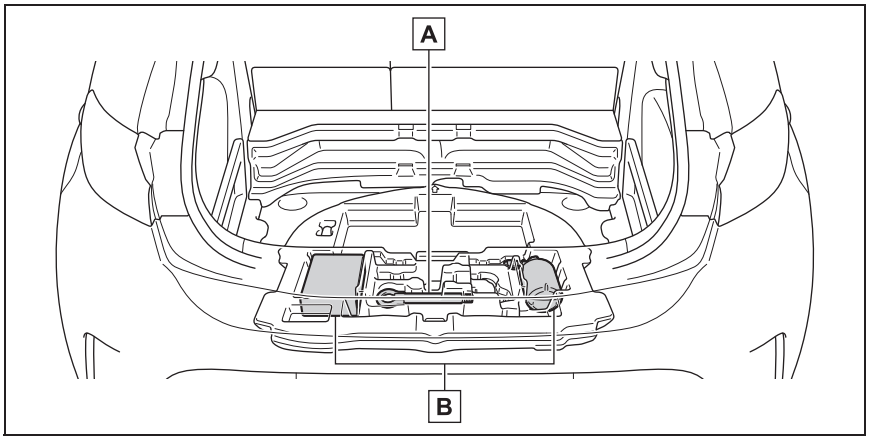
■ A flat tire that cannot be repaired with the emergency tire puncture repair kit

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 there are any cracks or damage at any location on the tire, such as on the side wall, except the tread
- When the tire is visibly separated from the wheel
- When the cut or damage to the tread is 4 mm (0.16 in.) long or more
- When the wheel is damaged
- When two or more tires have been punctured
- When more than 2 sharp objects such as nails or screws have passed through the tread on a single tire
- When the sealant has expired

Location of the emergency tire puncture repair kit and tools

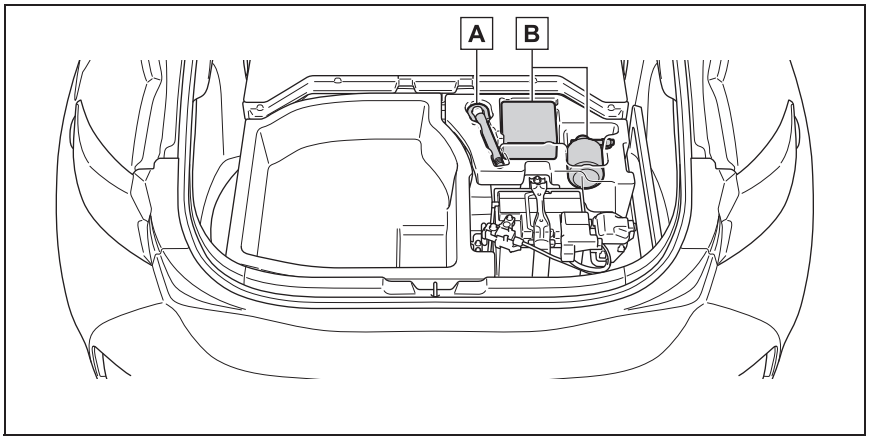
▶ Hatchback (type A)



A Towing eyelet

B Emergency tire puncture repair kit

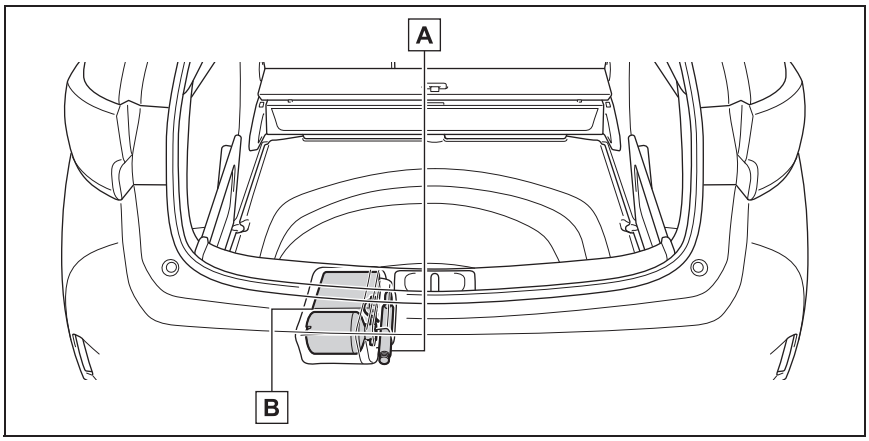
▶ Hatchback (type B)



A Towing eyelet

B Emergency tire puncture repair kit

▶ Wagon

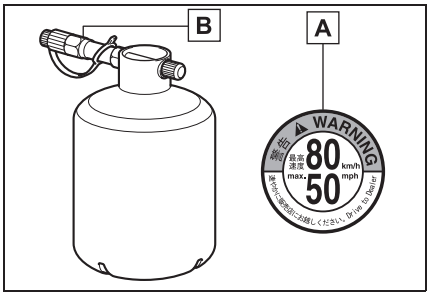


A Towing eyelet

B Emergency tire puncture repair kit

Emergency tire puncture repair kit components

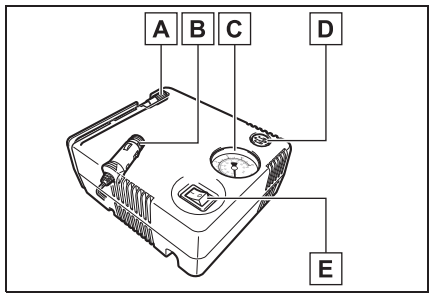
▶ Bottle



A Sticker

B Nozzle

▶ Compressor



A Hose

B Power plug

C Air pressure gauge

D Pressure release button

E Compressor switch

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 has been used and needs to be replaced, purchase a new bottle at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer. The compressor is reusable.
- The sealant can be used when the outside temperature is from -30°C (-22°F) to 60°C (140°F).
- The kit is exclusively designed for size and type of tires originally installed on your vehicle. Do not use it for tires that a different size than the original ones, or for any other purposes.
- If the sealant gets on your clothes, it may stain.
- If the sealant adheres to a wheel or the surface of the vehicle body, the stain may not be removable if it is not cleaned at once. Immediately wipe away the sealant with a wet cloth.
- During operation of the repair kit, a loud operation noise is produced. This does not indicate a malfunction.
- Do not use to check or to adjust the tire pressure.

⚠ WARNING

■ 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

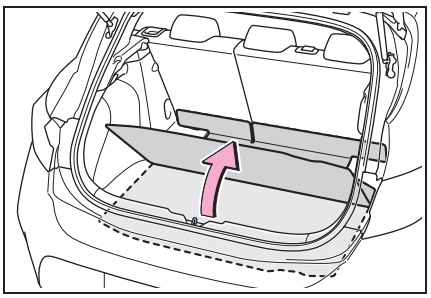
- Ingesting the sealant is hazardous to your health. If you ingest sealant, consume as much water as possible, and then immediately consult a doctor.
- If sealant gets in eyes or adheres to skin, immediately wash it off with water. If discomfort persists, consult a doctor.

Taking out the emergency tire puncture repair kit

▶ Hatchback

1 Vehicles with deck board: Open the deck board. (→P.354)

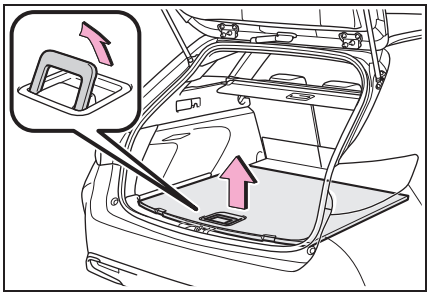
Vehicles without deck board: Lift the deck mat.



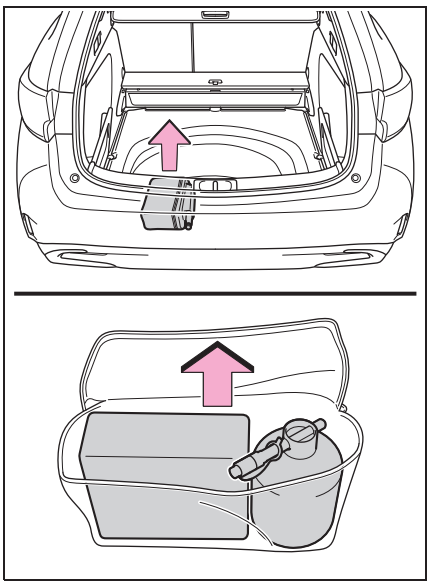
2 Take out the emergency tire puncture repair kit. (→P.459)

▶ Wagon

1 Raise the deck board handle and then remove the deck board.



2 Take out the emergency tire puncture repair kit.



Emergency repair method

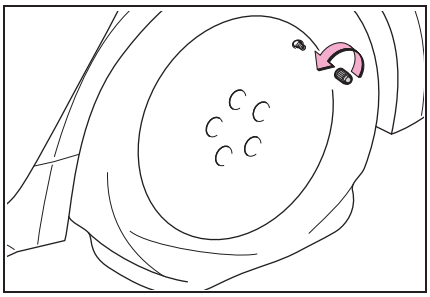
1 Wagon: Take out the repair kit from the bag.

2 Attach the sticker provided with the tire puncture repair kit to a

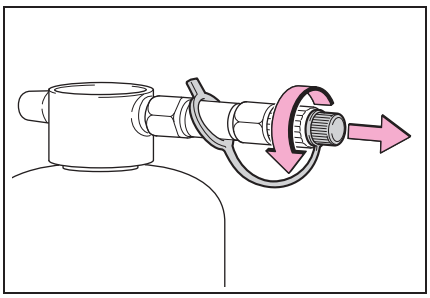
position easily seen from the driver's seat.



3 Remove the valve cap from the valve of the punctured tire.



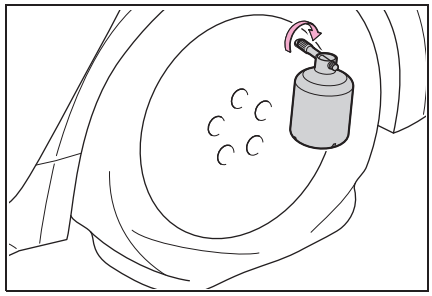
4 Remove the cap from the nozzle.



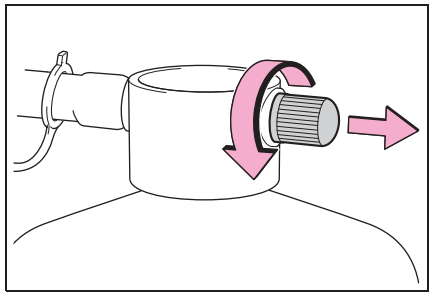
5 Connect the nozzle to the valve.

Screw the end of the nozzle clockwise as far as possible.

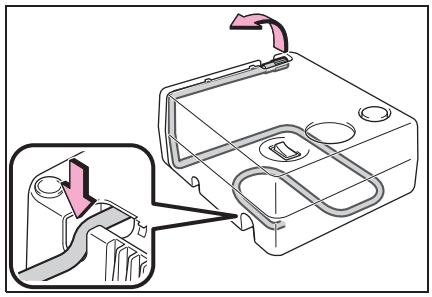
The bottle should hang vertically without contacting the ground. If the bottle does not hang vertically, move the vehicle so that the tire valve is located properly.



6 Remove the cap from the bottle.



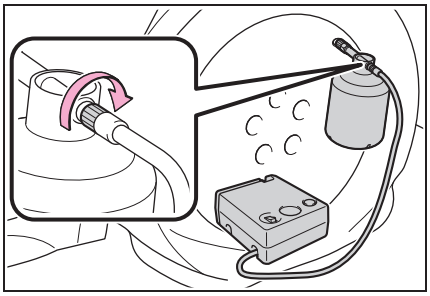
7 Pull the hose out from the compressor.



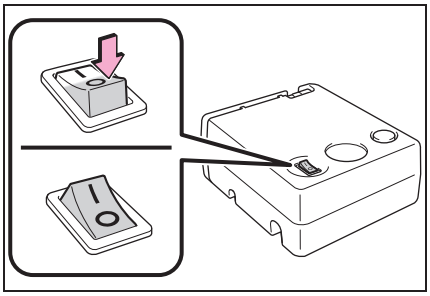
8 Connect the bottle to the compressor.

Screw the end of the nozzle clockwise

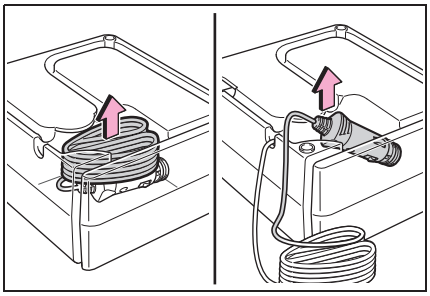
as far as possible.



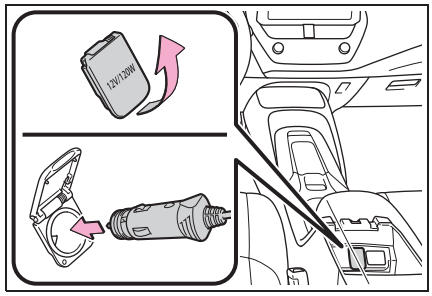
9 Make sure that the compressor switch is ○ (off).



10 Remove the power plug from the compressor.

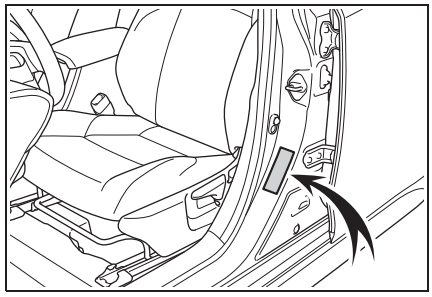


11 Connect the power plug to the power outlet socket. (→P.363)



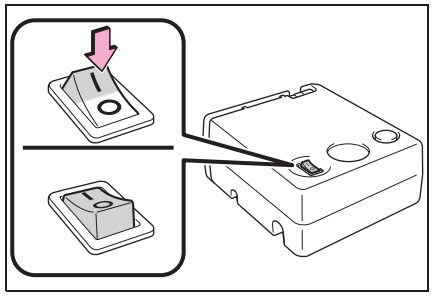
12 Check the specified tire inflation pressure.

Tire inflation pressure is specified on the label as shown. (→P.509)

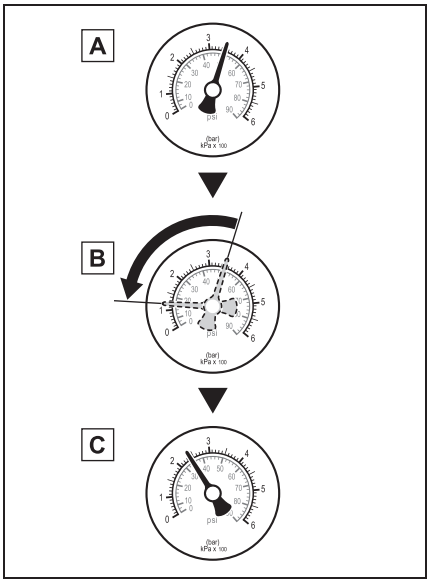


13 Start the hybrid system.

14 To inject the sealant and inflate the tire, turn the compressor switch to | (on).



15 Inflate the tire until the specified air pressure is reached.



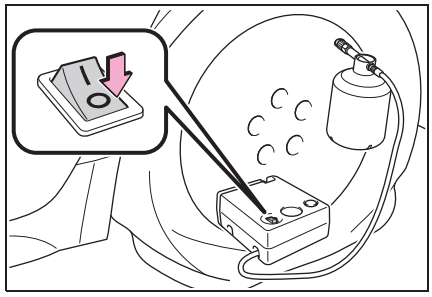
A The sealant will be injected and the pressure will surge and then gradually decrease.

B The air pressure gauge will display the actual tire inflation pressure about 1 minute (5 minutes at low temperature) after the switch is turned ❙ (on).

C Inflate the tire until the specified air pressure.

- If the tire inflation pressure is still lower than the specified point after inflation for 35 minutes with the switch to ❙ (on), the tire is too damaged to be repaired. Turn the compressor switch to ○ (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.467, 509)

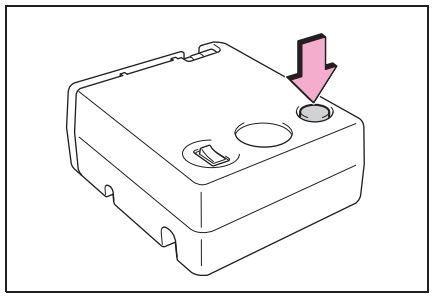
16 Turn the compressor switch to ○ (off).



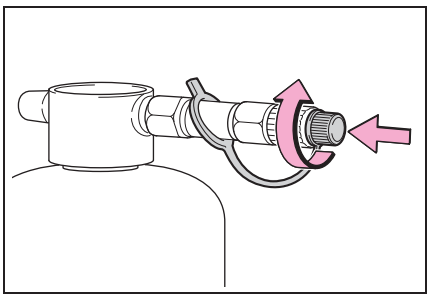
17 Disconnect the nozzle from the valve on the tire and then pull out the power plug from the power outlet socket.

Some sealant may leak when the hose is removed.

18 Press the button to release pressure from the bottle.



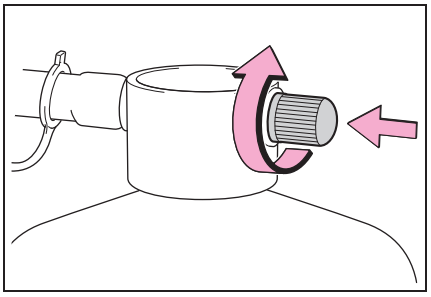
19 Attach the cap to the nozzle.



20 Install the valve cap onto the valve of the repaired tire.

21 Disconnect the hose from the bottle and attach the cap to the bottle.

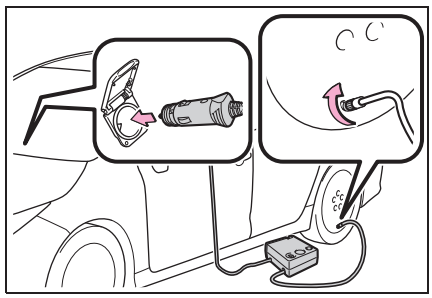
Wagon: Place the bottle in the original bag.



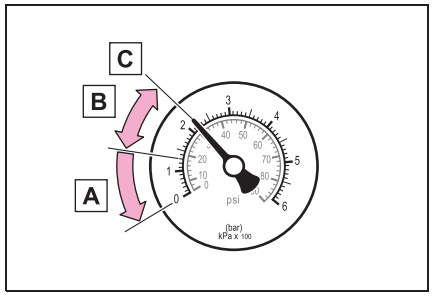
22 Temporarily store the bottle and compressor in the luggage compartment.

23 To spread the liquid sealant evenly within the tire, immediately drive safely for about 5 km (3 miles) below 80 km/h (50 mph).

24 After driving for about 5 km (3miles), stop your vehicle in a safe place on a hard, flat surface and connect the compressor.



25 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 **26**.

C If the tire inflation pressure is the specified air pressure (→P.509): Proceed to step**27**.

26 Turn the compressor switch to

| (on) to inflate the tire until

the specified air pressure is reached. Drive for about 5 km (3 miles) and then perform step **24**.

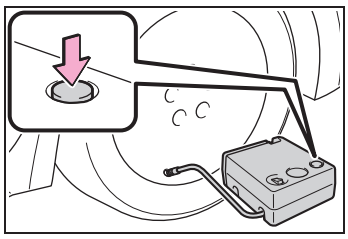
27 Hatchback: Store the compressor in the luggage compartment. Wagon: Place the compressor in the original bag and store the repair kit in the luggage compartment.

28 Taking precautions to avoid sudden braking, sudden acceleration and sharp turns, drive carefully at under 80 km/h (50 mph) to the nearest any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer for tire repair or replacement.

When having the tire repaired or replaced, make sure to tell any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer that the sealant is injected.

If the tire is inflated to more than the specified air pressure

1 Press the button to let some air out.



2 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

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.

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.

WARNING

- 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.
- Parts of the repair kit become hot during operation. Be careful when handling the repair kit during and after operation. Do not touch the metal part around the connecting area between the bottle and 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.
- To avoid risk of burst or severe leakage, do not drop or damage the bottle. Visually inspect the bottle before use. Do not use a bottle with shock, crack, scratch, leakage or any other damage. In such case, immediately replace.

■ 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.

NOTICE

- Do not turn the bottle upside down when using it, as doing so may cause damage to the compressor.

■ Precautions for the emergency tire puncture repair kit

- The repair kit power source should be 12 V DC suitable for vehicle use. Do not connect the repair kit to any other source.
- If fuel splatters on the repair kit, the repair kit may deteriorate. Take care not to allow fuel to contact it.
- Place the repair kit in a storage to prevent it from being exposed to dirt or water.
- Store the repair kit in the luggage compartment out of reach of children.
- Do not disassemble or modify the repair kit. Do not subject parts such as the air pressure indicator to impacts. This may cause a malfunction.

■ To avoid damage to the tire pressure warning valves and transmitters

When a tire is repaired with liquid sealants, the tire pressure warning valve and transmitter may not operate properly. If a liquid sealant is used, contact any authorized 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.402)

If you have a flat tire (vehicles with a spare tire)

Your vehicle is equipped with a spare tire. The flat tire can be replaced with the spare tire.

For details about tires: →P.398

WARNING

■ If you have a flat tire

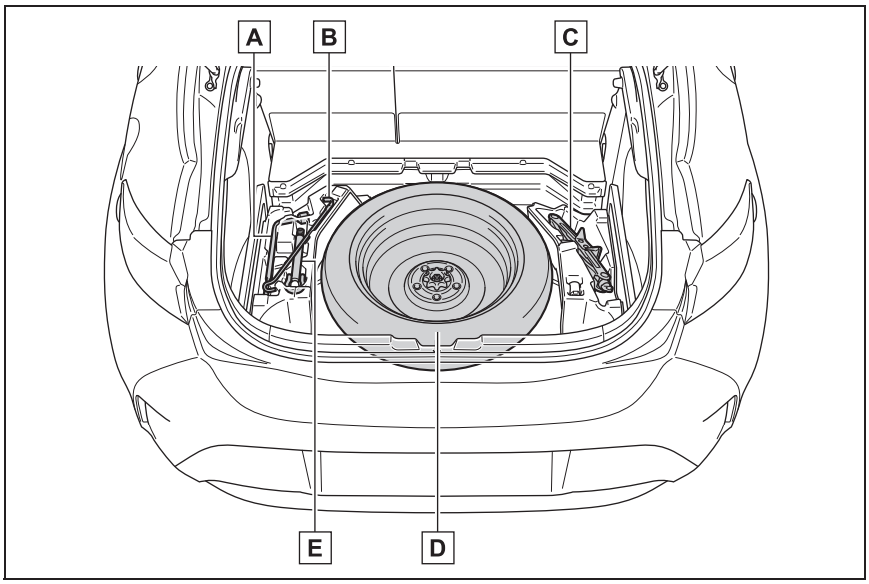
Do not continue driving with a flat tire. Driving even a short distance with a flat tire can damage the tire and the wheel beyond repair, which could result in an accident.

Before jacking up the vehicle

- Stop the vehicle in a safe place on a hard, flat surface.
- Set the parking brake.
- Shift the shift lever to P.
- Stop the hybrid system.
- Turn on the emergency flashers.

Location of the spare tire, jack and tools

▶ Hatchback (type A)



A Wheel nut wrench

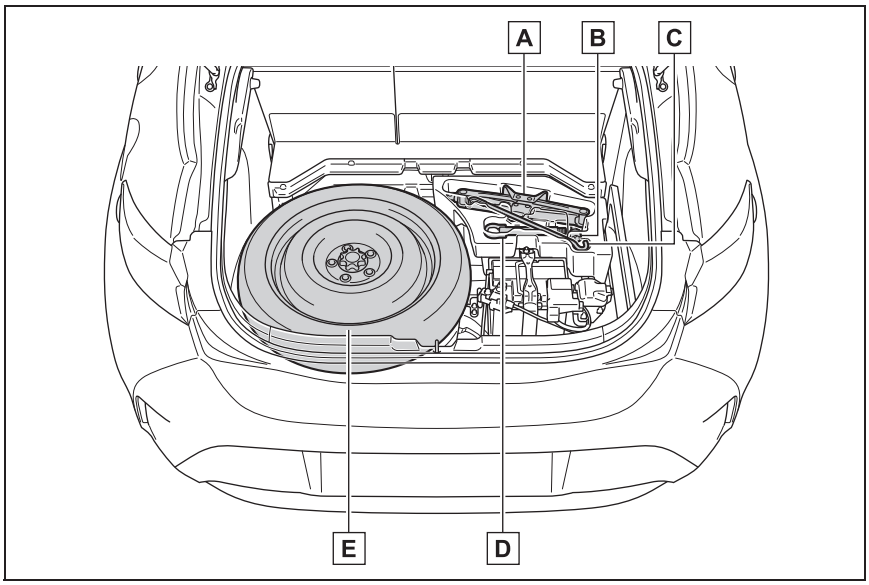
B Jack handle

C Jack

D Spare tire

E Towing eyelet

▶ Hatchback (type B)



A Jack

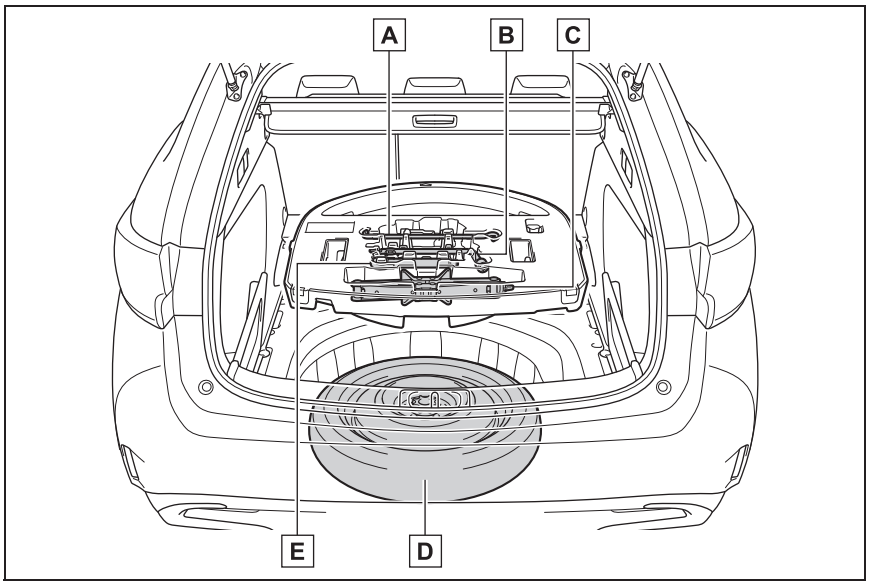
B Wheel nut wrench

C Jack handle

D Towing eyelet

E Spare tire

▶ Wagon (vehicles with a compact spare tire)



A Jack handle

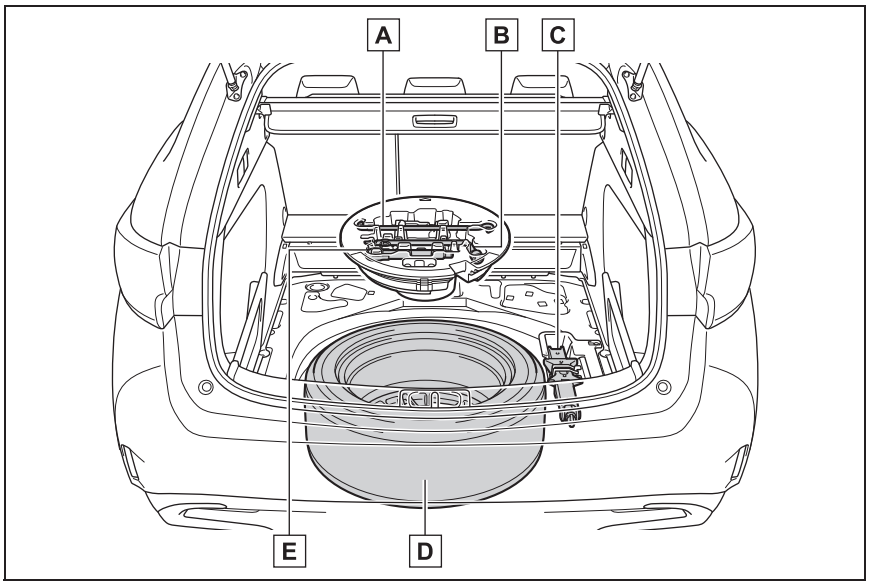
B Wheel nut wrench

C Jack

D Spare tire

E Towing eyelet

▶ Wagon (vehicles with a full-size spare tire)



A Jack handle

B Wheel nut wrench

C Jack

D Spare tire

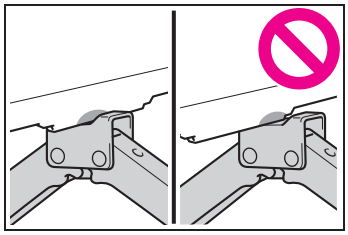
E Towing eyelet

⚠ WARNING

■ Using the tire jack

Observe the following precautions. Improper use of the tire jack may cause the vehicle to suddenly fall off the jack, leading to death or serious injury.

- Do not use the tire jack for any purpose other than replacing tires or installing and removing tire chains.
- Only use the tire jack that comes with this vehicle for replacing a flat tire. Do not use it on other vehicles, and do not use other tire jacks for replacing tires on this vehicle.
- Put the jack properly in its jack point.



- Do not put any part of your body under the vehicle while it is supported by the jack.
- Do not start the hybrid system or drive the vehicle while the vehicle is supported by the jack.

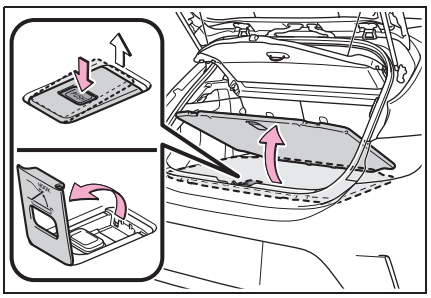
WARNING

- Do not raise the vehicle while someone is inside.
- When raising the vehicle, do not put an object on or under the jack.
- Do not raise the vehicle to a height greater than that required to replace the tire.
- Use a jack stand if it is necessary to get under the vehicle.
- When lowering the vehicle, make sure that there is no-one near the vehicle. If there are people nearby, warn them vocally before lowering.

Taking out the jack

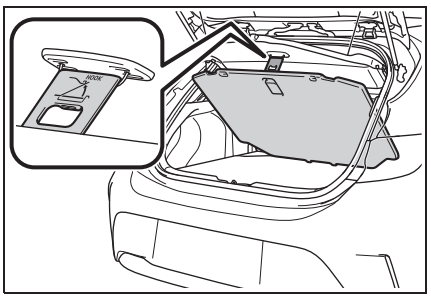
▶ Hatchback

1 Press the button to raise the deck board handle and then lift the deck board.

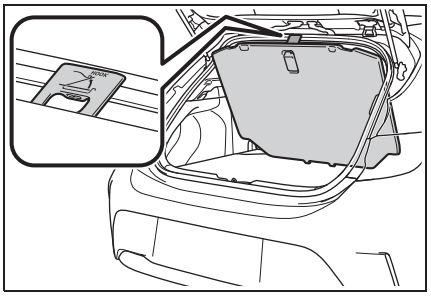


2 Secure the deck board.

When the luggage cover is installed:
Hook the deck board handle onto the underside of the luggage cover as shown in the illustration, to secure the deck board.

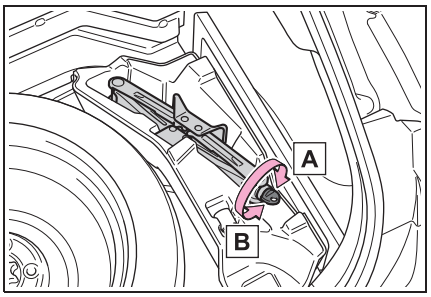


When the luggage cover is not installed:
Hook the deck board handle onto the upper edge of the back door opening as shown in the illustration.



3 Take out the jack.

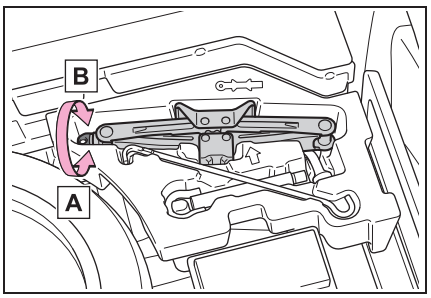
Type A:



A For tightening

B For loosening

Type B:

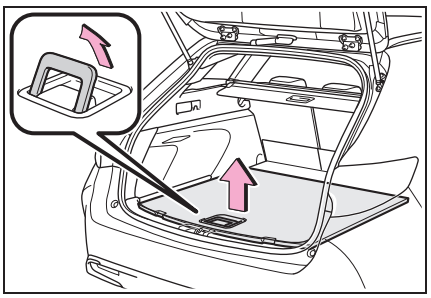


A For tightening

B For loosening

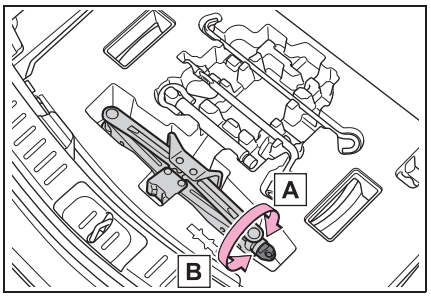
▶ Wagon

1 Raise the deck board handle and then remove the deck board.



2 Take out the jack.

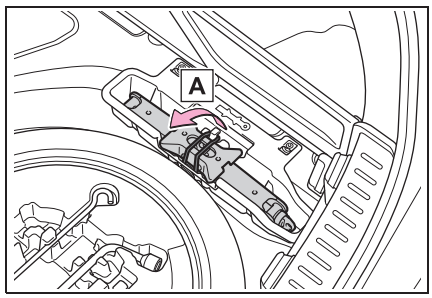
Vehicles with a compact spare tire:



A For tightening

B For loosening

Vehicles with a full-size spare tire:



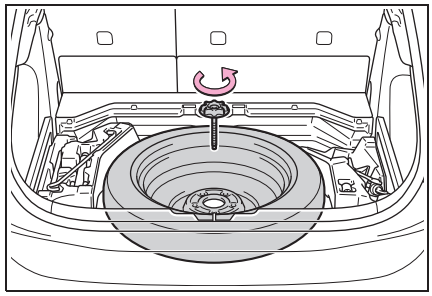
A Disengage the tightening strap.

Taking out the spare tire

▶ Hatchback

1 Secure the deck board. (→P.474)

2 Loosen the center fastener that secures the spare tire.

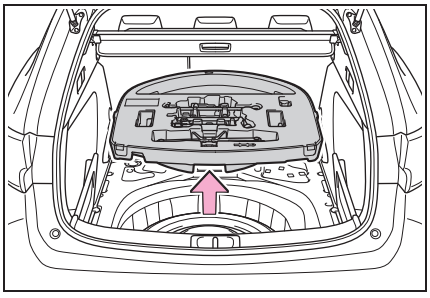


▶ Wagon

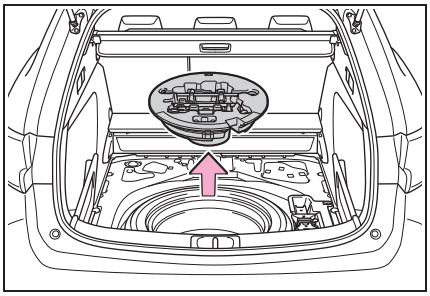
1 Remove the deck board. (→P.474)

2 Remove the tray.

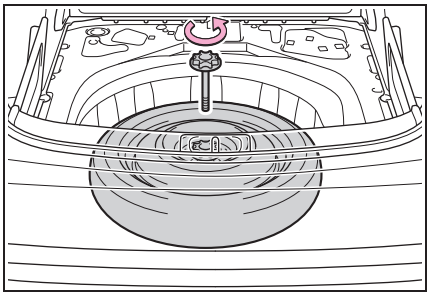
Vehicles with a compact spare tire:



Vehicles with a full-size spare tire:



3 Loosen the center fastener that secures the spare tire.



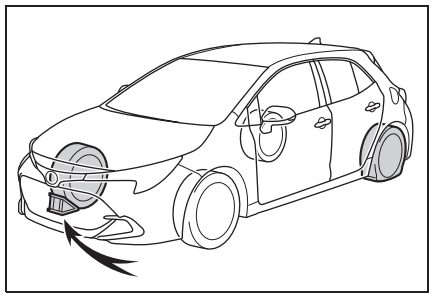
WARNING

■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

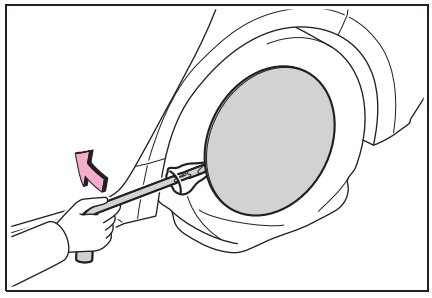
1 Chock the tires.



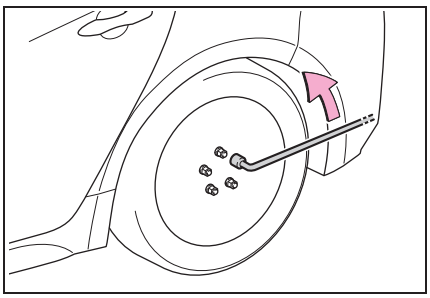
Flat tire	Wheel chock positions
Front left-hand side	Behind the rear right-hand side tire
Front right-hand side	Behind the rear left-hand side tire
Rear left-hand side	In front of the front right-hand side tire
Rear right-hand side	In front of the front left-hand side tire

2 Vehicles with a steel wheel: Remove the wheel ornament (if equipped) using the wrench.

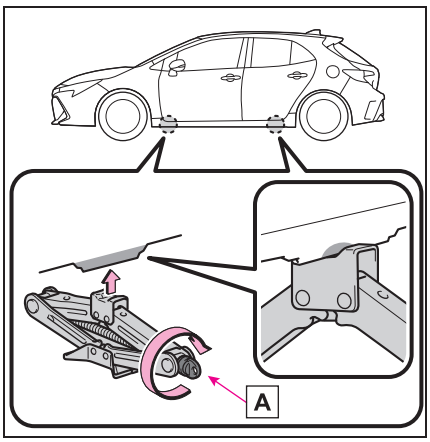
To protect the wheel ornament, place a rag between the wrench and the wheel ornament.



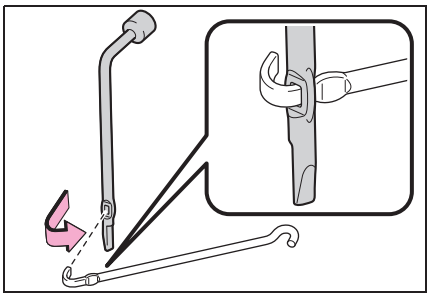
3 Slightly loosen the wheel nuts (one turn).



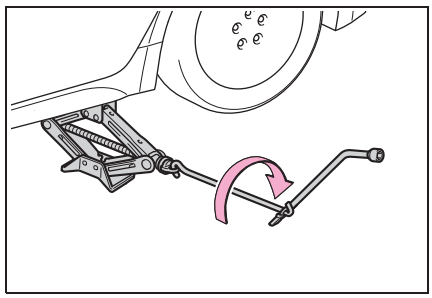
4 Turn the tire jack portion A by hand until the center of the recessed portion of the jack is in contact with the center of the jack point.



5 Assemble the jack handle extension.

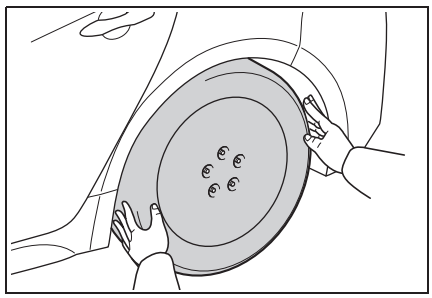


6 Raise the vehicle until the tire is slightly raised off the ground.



7 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.

WARNING

- Failure to follow these precautions could cause the wheel nuts to loosen and the tire to fall off, resulting in death or serious injury.
- Never use oil or grease on the wheel bolts or wheel nuts.
  Oil and grease may cause the wheel nuts to be excessively tightened, leading to bolt or disc wheel damage. In addition, the oil or grease can cause the wheel nuts to loosen and the wheel may fall off, causing an accident and resulting in death or serious injury. Remove any oil or grease from the wheel bolts or wheel nuts.
- Have the wheel nuts tightened with a torque wrench to 103 N•m (10.5 kgf•m, 76 ft•lbf) as soon as possible after changing wheels.
- Do not attach a heavily damaged wheel ornament, as it may fly off the wheel while the vehicle is moving.
- 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.
- When installing the wheel nuts, be sure to install them with the tapered ends facing inward.

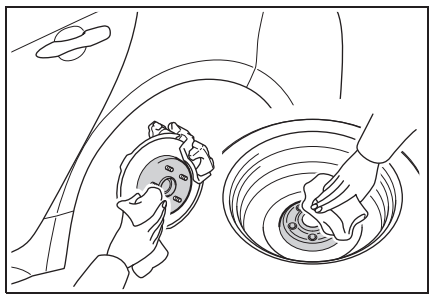
■ Replacing a flat tire for vehicles with power back door

In cases such as when replacing tires, make sure to cancel the power back door system (→P.518). 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

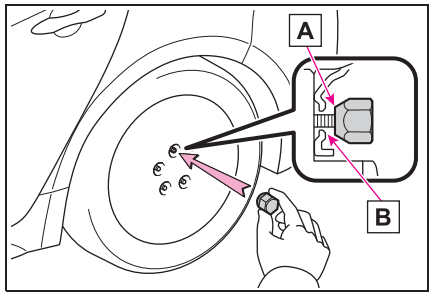
1 Remove any dirt or foreign matter from the wheel contact surface.

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.



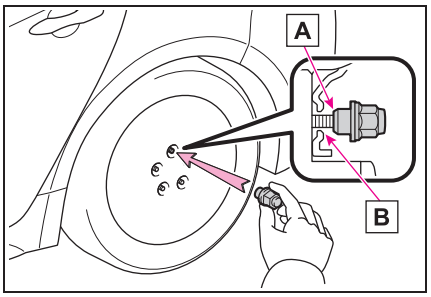
2 Install the tire and loosely tighten each wheel nut by hand by approximately the same amount.

When replacing a steel wheel with a steel wheel (including a compact spare tire), tighten the wheel nuts until the tapered portion A comes into loose contact with the disc wheel seat B.

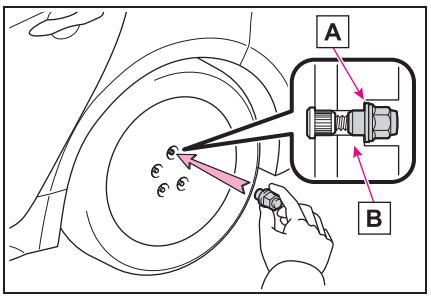


When replacing an aluminum wheel with a steel wheel (including a compact spare tire), tighten the wheel nuts until the tapered portion A comes into loose contact with the disc wheel seat

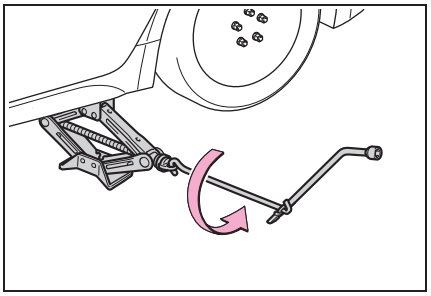
B.



When replacing an aluminum wheel with an aluminum wheel, turn the wheel nuts until the washers A come into loose contact with the disc wheel B.



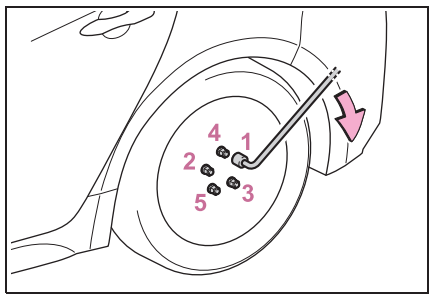
3 Lower the vehicle.



4 Firmly tighten each wheel nut two or three times in the order shown in the illustration.

Tightening torque:

103 N•m (10.5 kgf•m, 76 ft•lbf)



5 Stow the flat tire, tire jack and all tools.

The full-size spare tire

- The full-size spare tire has a “Temporary use only” label on the outer surface of the wheel. Use the full-size spare tire temporarily, and only in an emergency.
- Make sure to check the tire inflation pressure of the full-size spare tire. (→P.509)

The compact spare tire

- The compact spare tire is identified by the label “TEMPORARY USE ONLY” on the tire sidewall. Use the compact spare tire temporarily, and only in an emergency.
- Make sure to check the tire inflation pressure of the compact spare tire. (→P.509)

When the compact spare tire is equipped

The vehicle becomes lower when driving with the compact spare tire compared to when driving with standard tires.

After completing the tire change

The tire pressure warning system must be reset. (→P.398)

When using the spare tire

As the 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 spare tire after the tire pressure warning light comes on, the light remains on.

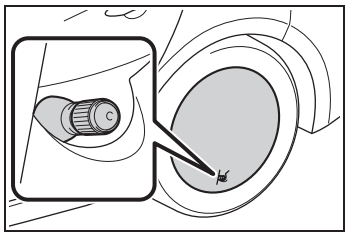
If you have a flat front tire on a road covered with snow or ice

Install the compact spare tire on one of the rear wheels of the vehicle. Perform the following steps and fit tire chains to the front tires:

1. Replace a rear tire with the compact spare tire.
2. Replace the flat front tire with the tire removed from the rear of the vehicle.
3. Fit tire chains to the front tires.

When reinstalling the wheel ornament (if equipped)

Align the cutout of the wheel ornament with the valve stem as shown in the illustration.



Certification for the jack

CE

Manufacturer's Declaration of Conformity

Manufacturer:
ARIKAN KRiKO A.Ş
Organize Sanayi Bölgesi Teknoloji Bul. NO:13 26110 ESKiŞEHiR / TURKEY

The EU Directives covered by this Declaration

2006 / 42 / EC Machinery Directive

The product covered by this declaration

JACK SUB-ASSY. PANTOGRAPH

model
0.8 ton , 1.1 ton

The basis on which conformity is being declared

The product identified above complies with the requirements of the Machinery Directive
Directive above by meeting following standards

857 – ISO 8720

The technical documentation required to demonstrate that the product meets the requirement the Machinery Directive has been compiled by the signatory below and is available for inspection by the relevant enforcement authorities.

A sample of the product has been tested by the manufacturer

Technical File No :2010 - TOYOTA JACK -IS08720-1

The CE mark was first applied in:2010

Ahmet ARIKAN
General Manager

Signature :

Date of Issue : 26.02.2016

UK CA

Manufacturer's Decleration of Conformity

Manufacturer:

ARIKAN KRİKO A.Ş.

Organize Sanayi Bölgesi Teknoloji Bul. NO:13 26110 ESKİŞEHİR/TURKEY

The EU Directives covered by this Decleration

2006/42/EC Machinery Directive

The product is covered by this decleration

JACK SUB-ASSY PANTOGRAPH

Model

- 0.8 ton and 1.1 ton

The basis on which conformity is being declared

The product identified above complies with the requirement of the Machinery Directive

Directive above by meeting following standards

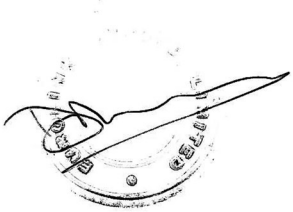
857-ISO 8720

The technical documentation required to demonstrate that the product meets the requirement the Machinery Directive has been compiled by the signatory below and is available for inspection by the relevant authorities.

A sample of product has been tested by the manufacturer

Technical File No: 2010- TOYOTA JACK-ISO08720-1

The UKCA mark was first applied in:2021



ARIKAN
KRİKO ve MAK. SAN. TİC. A.Ş.
Mrk:O.S.B. Teknoloji Bv. No:13 26110 ESKİŞEHİR
Tel:0 (222) 236 07 70 Fax:0 (222) 236 07 74
Eskişehir VA[illegible] 002 0702
Mersis No:0-0760-0207-0200017

General Manager

Signature:

Date of Issue: 12.10.2021

⚠ WARNING

■ **When using the full-size spare tire**

- Replace the full-size 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.

WARNING

■ When using the compact spare tire

- Remember that the compact spare tire provided is specifically designed for use with your vehicle. Do not use your compact spare tire on another vehicle.
- Do not use more than one compact spare tires simultaneously.
- Replace the compact spare tire with a standard tire as soon as possible.
- Avoid sudden acceleration, abrupt steering, sudden braking and shifting operations that cause sudden engine braking.

■ When the compact spare tire is attached

The vehicle speed may not be correctly detected, and the following systems may not operate correctly:

- ABS & Brake assist
- VSC
- TRC
- Automatic High Beam (if equipped)
- AHS (Adaptive High-beam System) (if equipped)
- Cruise control
- Dynamic radar cruise control
- EPS
- PCS (Pre-Collision System)
- LTA (Lane Tracing Assist)
- LDA (Lane Departure Alert)
- Tire pressure warning system
- Toyota parking assist-sensor (if equipped)
- PKSB (Parking Support Brake) (if equipped)
- BSM (if equipped)
- RCTA (if equipped)
- SEA (if equipped)
- Rear view monitor system (if equipped)
- Adaptive Variable Suspension System (if equipped)
- Navigation system (if equipped)

■ Speed limit when using the compact spare tire

Do not drive at speeds in excess of 80 km/h (50 mph) when a compact spare tire is installed on the vehicle.

The compact spare tire is not designed for driving at high speeds. Failure to observe this precaution may lead to an accident causing death or serious injury.

■ After using the tools and jack

Before driving, make sure all the tools and jack are securely in place in their storage location to reduce the possibility of personal injury during a collision or sudden braking.

NOTICE

■ Be careful when driving over bumps with the compact spare tire installed on the vehicle.

The vehicle becomes lower when driving with the compact spare tire compared to when driving with standard tires. Be careful when driving over uneven road surfaces.

NOTICE

■ **Driving with tire chains and the compact spare tire**

Do not fit tire chains to the compact spare tire. Tire chains may damage the vehicle body and adversely affect driving performance.

■ **When replacing the tires**

When removing or fitting the wheels, tires or the tire pressure warning valve and transmitter, contact any authorized 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.

■ **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 as soon as possible. Make sure to replace the tire pressure warning valve and transmitter when replacing the tire. (→P.398)

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.198)

One of the following may be the cause of the problem:

- The electronic key may not be functioning properly. (→P.486)
- There may not be sufficient fuel in the vehicle's tank. Refuel the vehicle.
- There may be a malfunction in the immobilizer system. (→P.88)
- Vehicles with steering lock function: There may be a malfunction in the steering lock system.
- 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.485)
- The temperature of the hybrid battery (traction battery) may be extremely low (below approxi-

mately -35°C [-31°F]). (→P.198)

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.488)
- The 12-volt battery terminal connections may be loose or corroded. (→P.393)

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.488)
- One or both of the 12-volt battery terminals may be disconnected. (→P.393)

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.

Emergency start function

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 case of emergency.

1. Pull the parking brake switch to check that the parking brake is set. (→P.211)

Parking brake indicator will come on.

2. Check that the shift lever is in P.
3. Turn the power switch to ACC*.
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.

*: ACC mode can be enabled/disabled on the customize menu. (vehicles with multimedia system) (→P.513)

If you lose your keys

New genuine mechanical keys can be made by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer using another mechanical key and the key number stamped on your key number plate.

Keep the plate in a safe place such as your wallet, not in the vehicle.

NOTICE

■When an electronic key is lost

If the electronic key remains lost, the risk of vehicle theft increases significantly. Visit any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer immediately with all remaining electronic keys that were provided with your vehicle.

If the electronic key does not operate properly

If communication between the electronic key and vehicle is interrupted (→P.154) 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.513)
- Check if battery-saving mode is set. If it is set, cancel the function. (→P.154)
- The electronic key function may be suspended. (→P.132)

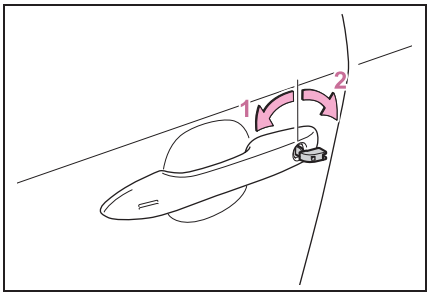
NOTICE

■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

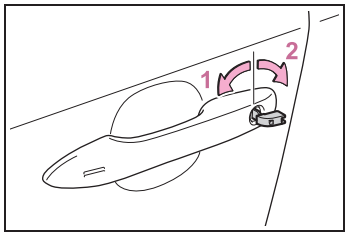
Use the mechanical key (→P.134) in order to perform the following operations:



1 Locks all the doors

2 Unlocks all the doors

Key linked functions



1 Closes the windows and panoramic moon roof*1 (turn and hold)*2

2 Opens the windows and 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 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 window 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 panoramic moon roof.

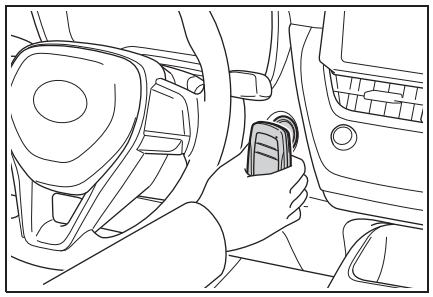
Starting the hybrid system

1 Ensure that the shift lever is in P and depress the brake pedal.

2 Touch the electronic key to the power switch.

When the electronic key is detected, a buzzer sounds and the power switch will turn to ON.

When the smart entry & start system is deactivated in customization setting, the power switch will turn to ACC.



3 Firmly depress the brake pedal and check that is shown on the multi-information display.

4 Press the power switch shortly and firmly.

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 lever to P and press the power switch as you normally do when stopping the hybrid system.

■ **Electronic key battery**

As the above procedure is a temporary measure, it is recommended that the electronic key battery be replaced immediately when the battery is depleted. (→P.422)

■ **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.90)

■ **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.200)

If the 12-volt battery is discharged

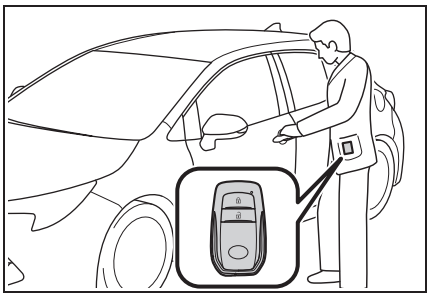
The following procedures may be used to start the hybrid system if the 12-volt battery is discharged.
You can also call any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer or a qualified repair shop.

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.

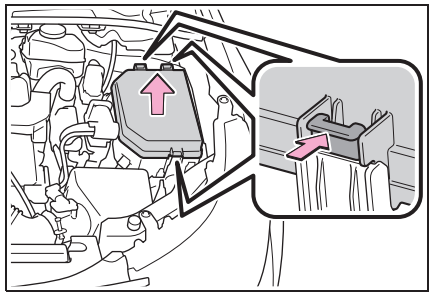
1 Vehicles with an alarm (→P.90): Confirm that the electronic key is being carried.

When connecting the jumper (or booster) cables, depending on the situation, the alarm may activate and doors locked. (→P.91)

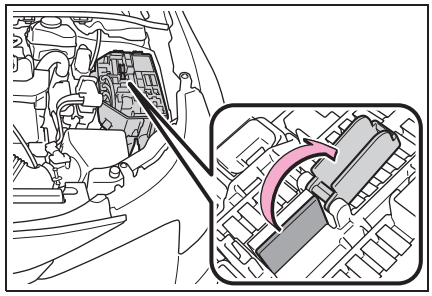


2 2ZR-FXE engine: Open the hood. (→P.384)

M20A-FXS engine: Open the hood (→P.384) and fuse box cover.



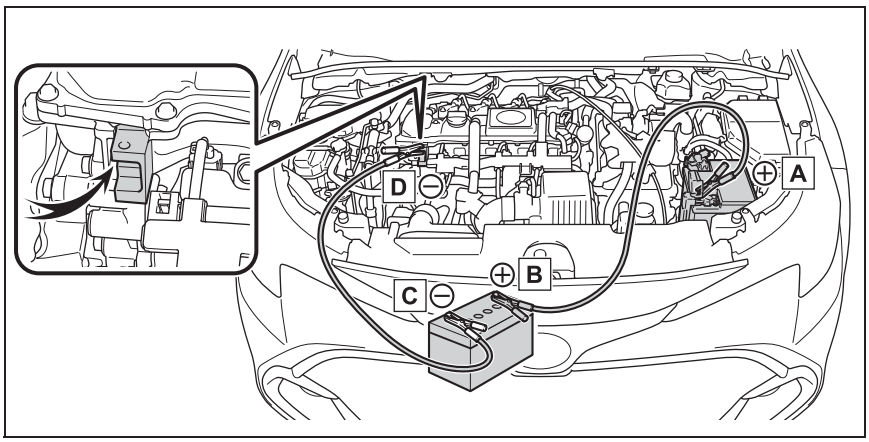
3 M20A-FXS engine: Open the exclusive jump starting terminal cover.



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.

▶ 2ZR-FXE engine



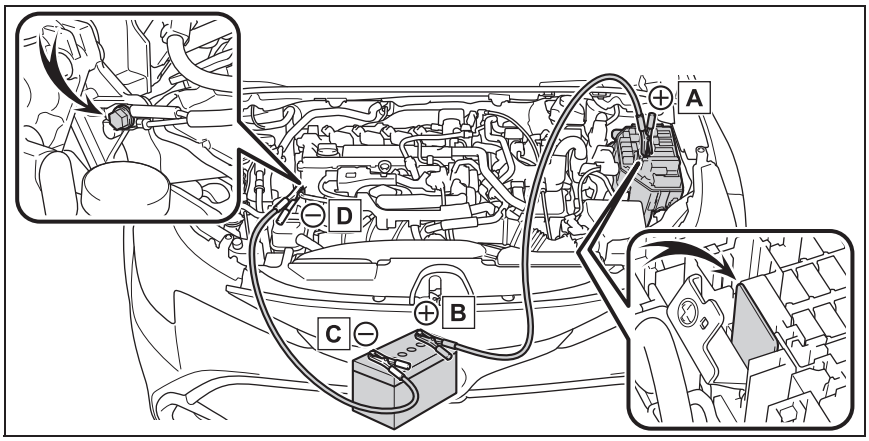
A Positive (+) battery terminal (your vehicle)

B Positive (+) battery terminal (second vehicle)

C Negative (-) battery terminal (second vehicle)

D Metallic point shown in the illustration

▶ M20A-FXS engine



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 Open and close any of the doors of your vehicle with the power switch OFF.

7 Maintain the engine speed of the second vehicle and start the hybrid system of your vehicle by turning the power switch to ON.

8 Make sure the “READY” indicator comes on. If the indicator does not come on, contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

9 Once the hybrid system has started, remove the jumper cables in the exact reverse order from which they were connected.

10 M20A-FXS engine: Close the exclusive jump starting terminal cover and install 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 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 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.525)

■ 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.

■ 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

- Vehicles with entry function: In some cases, it may not be possible to unlock the doors using the smart entry & start system when the 12-volt battery is discharged. Use the wireless remote control or the mechanical key to lock or unlock the doors.
- The hybrid system may not start on

the first attempt after the 12-volt battery has recharged but will start normally after the second attempt. This is not a malfunction.

- The power switch mode is memorized by the vehicle. When the 12-volt battery is reconnected, the system will return to the mode it was in before the 12-volt battery was discharged. Before disconnecting the 12-volt battery, turn the power switch off. If you are unsure what mode the power switch was in before the 12-volt battery discharged, be especially careful when reconnecting the 12-volt battery.

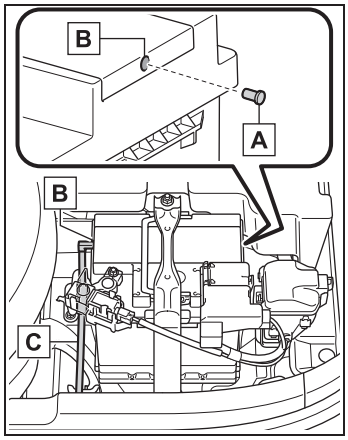
When replacing the 12-volt battery (2ZR-FXE engine)

- Use a 12-volt battery that conforms to European regulations.
- Use a 12-volt battery with the same case size as the previous 12-volt battery and an equivalent 20 hour rate capacity (20HR) 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 the hybrid system may not be able to start.
- For details, consult any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

When replacing the 12-volt battery (M20A-FXS engine)

- Use a Central Degassing type 12-volt battery (European Regulations).
- Use a 12-volt battery with the same case size as the previous 12-volt battery and an equivalent 20 hour rate capacity (20HR) 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 the hybrid system may not be able to start.
- Use a 12-volt battery with a handle. If a 12-volt battery without a handle is used, removal is more difficult.
- After 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 12-volt battery replaced or the one installed on the 12-volt battery prior to the replacement. (Depending on the 12-volt battery to be replaced, the exhaust hole may be plugged.)

▶ Hatchback

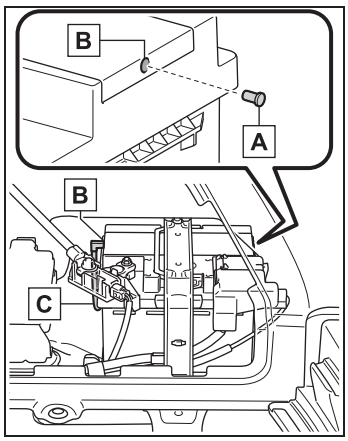


A Exhaust hole plug

B Exhaust hole

C Exhaust hose

▶ Wagon



A Exhaust hole plug

B Exhaust hole

C Exhaust hose

- 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.

■ Avoiding 12-volt battery fires or explosions

Observe the following precautions to prevent accidentally igniting the flammable gas that may be emitted from the 12-volt battery:

- Make sure each jumper cable is connected to the correct terminal and that it is not unintentionally in contact with any other than the intended terminal.
- Do not allow the other end of the jumper cable connected to the "+" terminal to come into contact with any other parts or metal surfaces in the area, such as brackets or unpainted metal.
- Do not allow the + and - clamps of the jumper cables to come into contact with each other.
- Do not smoke, use matches, cigarette lighters or allow open flame near the 12-volt battery.

■ 12-volt battery precautions

The 12-volt battery contains poisonous and corrosive acidic electrolyte, while related parts contain lead and lead compounds. Observe the following precautions when handling the 12-volt battery:

- When working with the 12-volt battery, always wear safety glasses and take care not to allow any battery fluids (acid) to come into contact with skin, clothing or the vehicle body.
- Do not lean over the 12-volt battery.
- In the event that battery fluid 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.

WARNING

■ After recharging the 12-volt battery (M20A-FXS engine)

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 clamp, the 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.
- M20A-FXS engine: 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.

NOTICE

■ When handling jumper cables

When connecting the jumper cables, ensure that they do not become entangled in the cooling fans, 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 (M20A-FXS engine)

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.100, 104) is in 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

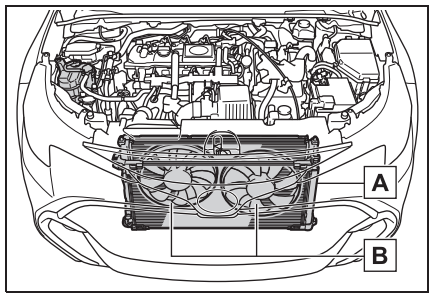
▶ If the engine coolant temperature gauge enters the red zone or “Engine Coolant Temp High Stop in a Safe Place See Owner’s Manual” is shown on the multi-information display

1 Stop the vehicle in a safe place and turn off the air conditioning system, and then stop the hybrid system.

2 If you see steam: Carefully lift the hood after the steam subsides.
If you do not see steam: Carefully lift the hood.

3 After the hybrid system has cooled down sufficiently, inspect the hoses and radiator core (radiator) for any leaks.

▶ 2ZR-FXE engine

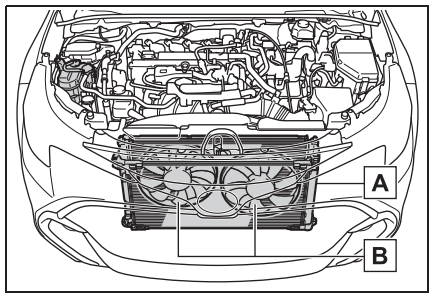


A Radiator

B Cooling fans

If a large amount of coolant leaks, immediately contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

▶ M20A-FXS engine

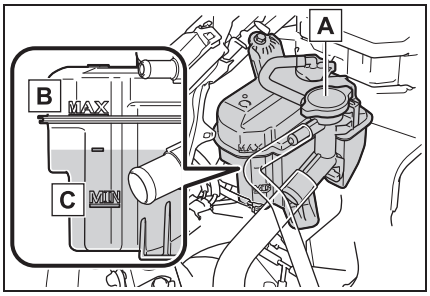


A Radiator

B Cooling fans

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.



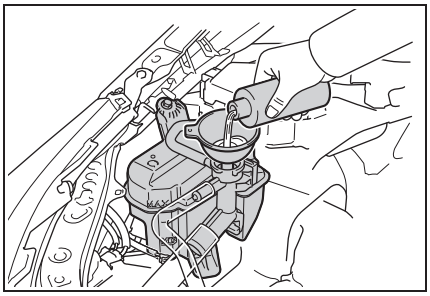
A Reservoir

B “MAX” line

C “MIN” line

5 Add coolant if necessary.

Water can be used in an emergency if coolant is unavailable.



6 Start the hybrid system and turn the air conditioning system on to check that the radiator cooling fans operate and to check for coolant leaks from the radiator or hoses.

The fans operate when the air conditioning system is turned on immediately after a cold start. Confirm that the fans are operating by checking the fan sound and air flow. If it is difficult to check these, turn the air conditioning system on and off repeatedly. (The fans may not operate in freezing temperatures.)

7 If the fans are not operating: Stop the hybrid system immediately and contact any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.
If the fans are operating: Have the vehicle inspected at the nearest any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

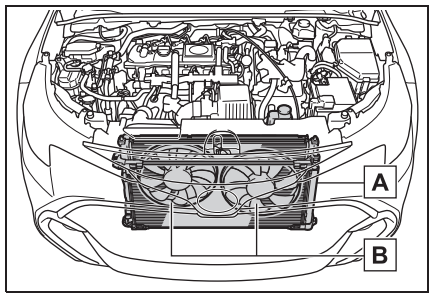
▶ If “Hybrid System Overheated Output Power Reduced” is shown on the multi-information display

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.

▶ 2ZR-FXE engine



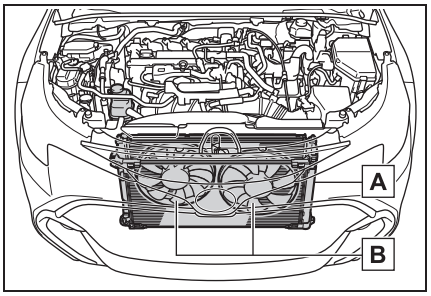
A Radiator

B Cooling fans

If a large amount of coolant leaks, immediately contact any authorized

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

▶ M20A-FXS engine



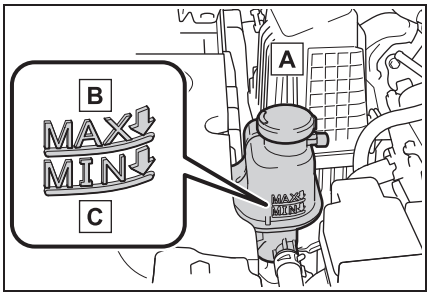
A Radiator

B Cooling fans

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” or “F” and “MIN” or “L” lines on the reservoir.

▶ 2ZR-FXE engine

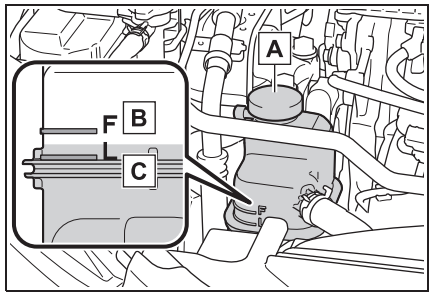


A Reservoir

B “MAX” line

C “MIN” line

▶ M20A-FXS engine



A Reservoir

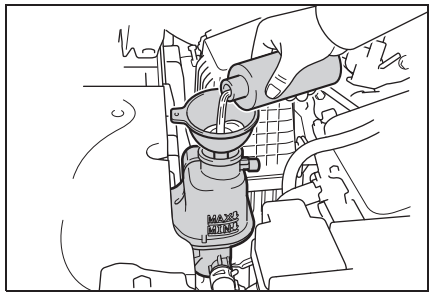
B “F” line

C “L” line

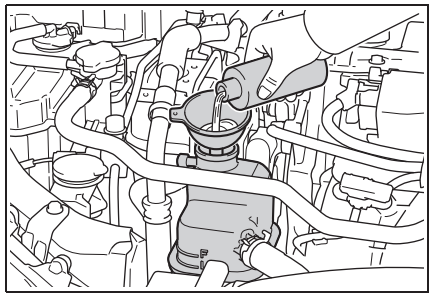
5 Add coolant if necessary.

If coolant is unavailable, use water as an emergency measure, and have the vehicle inspected at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

▶ 2ZR-FXE engine



▶ M20A-FXS engine



6 After stopping the hybrid system and waiting for 5 minutes or more, start the hybrid system again and check for 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 fans 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 caps 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 lever to P.

Do not press the shift release button after shifting the shift lever to P.

2 Remove the mud, snow or sand from around the front wheels.

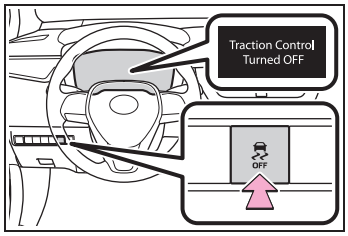
3 Place wood, stones or some other material under the front wheels to help provide traction.

4 Restart the hybrid system.

5 Shift the shift lever to D or R and release the parking brake. Then, while exercising caution, depress the accelerator pedal.

When it is difficult to free the vehicle

Press the OFF switch to turn off TRC.



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 lever

Be careful not to shift the shift lever with the accelerator pedal depressed. This may lead to unexpected rapid acceleration of the vehicle that may cause an accident resulting in death or serious injury.

NOTICE

To avoid damaging the transmission and other components

- Avoid spinning the front wheels and depressing the accelerator pedal more than necessary.
- If the vehicle remains stuck even after these procedures are performed, the vehicle may require towing to be freed.

Vehicle specifications

8

8-1. Specifications

Maintenance data (fuel, oil level, etc.) 502

Fuel information 512

8-2. Customization

Customizable features 513

8-3. Initialization

Items to initialize 525

Maintenance data (fuel, oil level, etc.)

Dimensions and weights

▶ Hatchback

Overall length		4370 mm (172.0 in.)
Overall width		1790 mm (70.5 in.)
Overall height*1		1460 mm (57.5 in.)
Wheelbase		2640 mm (103.9 in.)
Tread	Front	1530 mm (60.2 in.)
	Rear	1530 mm (60.2 in.)
Gross vehicle mass	2ZR-FXE engine	1820 kg (4012 lb.)
	M20A-FXS engine	1910 kg (4211 lb.)
Maximum permissible axle capacity	Front	1050 kg (2315 lb.)
	Rear	970 kg (2138 lb.)
Drawbar load		75 kg (165 lb.)
Towing capacity	Without brake	450 kg (992 lb.)
	With brake	750 kg (1653 lb.)

▶ Wagon

Overall length		4650 mm (183.0 in.)
Overall width		1790 mm (70.5 in.)
Overall height*1		1460 mm (57.5 in.)
Wheelbase		2700 mm (106.3 in.)
Tread	Front	1530 mm (60.2 in.)
	Rear	1530 mm (60.2 in.)
Gross vehicle mass	2ZR-FXE engine	1835 kg (4045 lb.)*2 1885 kg (4156 lb.)*3
	M20A-FXS engine	1955 kg (4310 lb.)

Maximum permissible axle capacity	Front	1050 kg (2315 lb.)
	Rear	970 kg (2138 lb.)
Drawbar load		75 kg (165 lb.)
Towing capacity	Without brake	450 kg (992 lb.)
	With brake	750 kg (1653 lb.)

*1: Unladen vehicles

*2: Vehicles without a rear seat

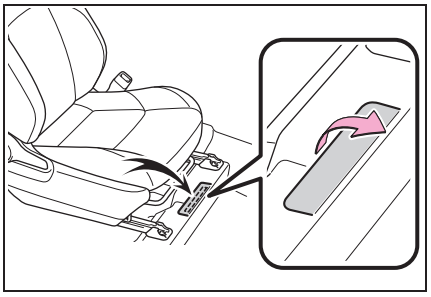
*3: Vehicles with a rear seat

Vehicle identification

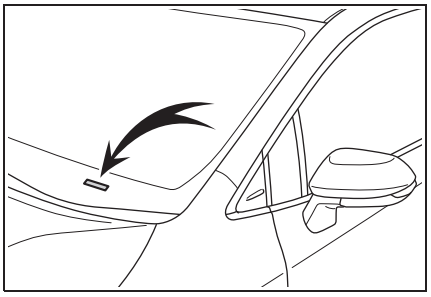
■ Vehicle identification number

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.

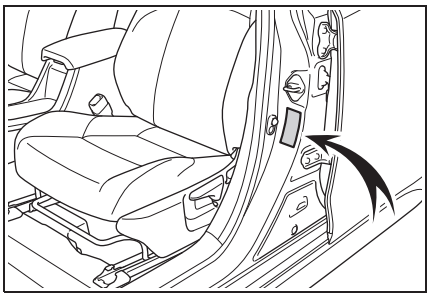
This number is stamped under the right-hand front seat.



Right-hand drive vehicles: This number is also stamped on the top left of the instrument panel.



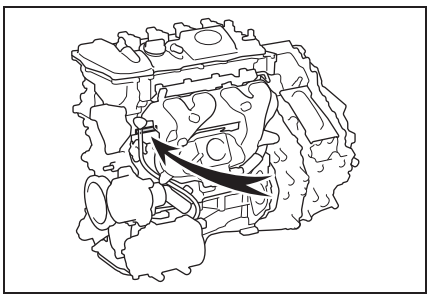
This number is also on the manufacturer's label.



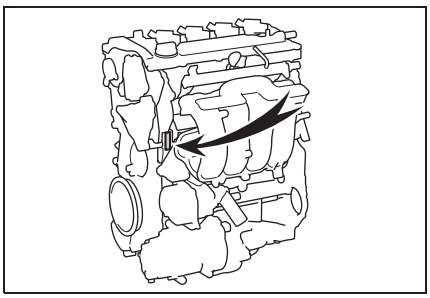
■ Engine number

The engine number is stamped on the engine block as shown.

▶ 2ZR-FXE engine



▶ M20A-FXS engine



Engine

▶ 2ZR-FXE engine

Model	2ZR-FXE
Type	4-cylinder in line, 4-cycle, gasoline
Bore and stroke	80.5 × 88.3 mm (3.17 × 3.48 in.)
Displacement	1798 cm^3 (109.7 cu. in.)
Valve clearance	Automatic adjustment

▶ M20A-FXS engine

Model	M20A-FXS
Type	4-cylinder in line, 4-cycle, gasoline
Bore and stroke	80.5 × 97.6 mm (3.17 × 3.84 in.)
Displacement	1987 cm^3 (121.3 cu. in.)
Valve clearance	Automatic adjustment

Fuel

Fuel type	When you find these types of fuel label at the gas station, use only the fuel with one of the following labels.  EU area: Unleaded gasoline conforming to European standard EN228 only Except EU area: Unleaded gasoline only
Research Octane Number	95 or higher
Fuel tank capacity (Reference)	43.0 L (11.4 gal., 9.5 Imp. gal.)

Electric motor (traction motor)

	2ZR-FXE	M20A-FXS
Type	Permanent magnet synchronous motor	
Maximum output	70 kW	83 kW
Maximum torque	185 N•m (18.9 kgf•m, 136.4 ft•lbf)	206 N•m (21.0 kgf•m, 152 ft•lbf)

Hybrid battery (traction battery)

	2ZR-FXE	M20A-FXS
Type	Lithium-ion battery	Lithium-ion battery
Voltage	3.7 V/cell	3.7 V/cell
Capacity	4.08 Ah	4.08 Ah
Quantity	56 cells	60 cells
Nominal voltage	207.2 V	222 V

Lubrication system

■ Oil capacity (Drain and refill [Reference*])

With filter	▶ 2ZR-FXE engine 4.2 L (4.4 qt., 3.7 Imp. qt.) ▶ M20A-FXS engine 4.6 L (4.9 qt., 4.0 Imp. qt.)
Without filter	▶ 2ZR-FXE engine 3.9 L (4.1 qt., 3.4 Imp. qt.) ▶ M20A-FXS engine 4.3 L (4.9 qt., 4.0 Imp. qt.)

*: The engine oil capacity is a reference quantity to be used when changing the engine oil. Warm up the engine and turn off the hybrid system, wait more than 5 minutes, and check the oil level on the dipstick.

■ Engine oil selection

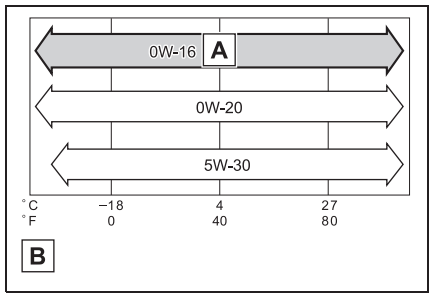
“Toyota Genuine Motor Oil” is used in your Toyota vehicle. Toyota recommends the use of approved “Toyota Genuine Motor Oil”. Another motor oil of matching quality can also be used.

Oil grade:

0W-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 multigradeengine oil

Recommended viscosity (SAE):



A Preferred

B Temperature range anticipated before next oil change

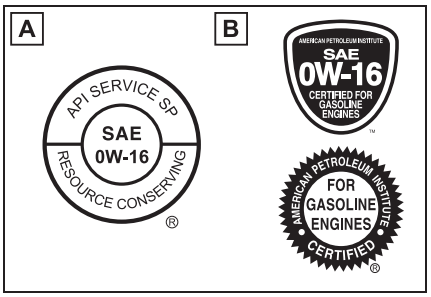
SAE 0W-16 is filled into your Toyota vehicle at manufacturing, and the best choice for good fuel economy and good starting in cold weather. If SAE 0W-16 oil is not available, SAE 0W-20 oil may be used. However, it should be replaced with SAE 0W-16 at the next oil change.

Oil viscosity (0W-16 is explained here as an example):

- The 0W in 0W-16 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 16 in 0W-16 indicates the viscosity characteristic of the oil when the oil is at high temperature. An oil with a higher viscosity (one with a higher value) may be better suited if the vehicle is operated at high speeds, or under extreme load conditions.

How to read oil container labels:

Either or both API registered marks are added to some oil containers to help you select the oil you should use.



A 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.

B ILSAC Certification Mark

The International Lubricant Specification Advisory Committee (ILSAC) Certification Mark is displayed on the front of the container.

Cooling system

Capacity (Reference)	Gasoline engine	▶ 2ZR-FXE engine 5.5 L (5.8 qt., 4.8 Imp. qt.) ▶ M20A-FXS engine 6.1 L (6.4 qt., 5.4 Imp. qt.)
	Power control unit	▶ 2ZR-FXE engine 1.5 L (1.6 qt., 1.3 Imp. qt.) ▶ M20A-FXS engine 1.6 L (1.7 qt., 1.4 Imp. qt.)
Coolant type		Use either of the following: • “Toyota Super Long Life Coolant” • Similar high-quality ethylene glycol-based non-silicate, non-amine, non-nitrite, and non-borate coolant with long-life hybrid organic acid technology Do not use plain water alone.

Ignition system (spark plug)

Make	▶ 2ZR-FXE engine DENSO FC16HR-CY9 ▶ M20A-FXS engine DENSO FC16HR-Q8
Gap	▶ 2ZR-FXE engine 0.9 mm (0.035 in.) ▶ M20A-FXS engine 0.8 mm (0.032 in.)

NOTICE

■ Iridium-tipped spark plugs

Use only iridium-tipped spark plugs. Do not adjust the spark plug gap.

Electrical system (12-volt battery)

Open voltage at 20°C (68°F):	12.0 V or higher (Turn the power switch off and turn on the high beam headlights for 30 seconds.)
Charging rates	
Quick charge	15 A max.
Slow charge	5 A max.

Hybrid transmission

Fluid capacity*	▶ 2ZR-FXE engine 3.0 L (3.1 qt., 2.6 Imp. qt.) ▶ M20A-FXS engine 3.7 L (3.9 qt., 3.2 Imp. qt.)
Fluid type	Toyota Genuine e-Transaxle fluid TE

*: The fluid capacity is a reference quantity.
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.

Brakes

Pedal clearance*1	100 mm (3.9 in.) Min.
Pedal free play	1 — 6 mm (0.04 — 0.24 in.)
Parking brake indicator*2	When pulling the parking brake switch for 1 to 2 seconds: comes on When pushing the parking brake switch for 1 to 2 seconds: turns off
Fluid type	SAE J1703 or FMVSS No.116 DOT 3 SAE J1704 or FMVSS No.116 DOT 4

*1: Minimum pedal clearance when depressed with a force of 300 N (30.6 kgf, 67.4 lbf) while the hybrid system is operating.

*2: Make sure to confirm that the brake warning light (yellow) does not illuminate. (If the brake warning light illuminates, refer to P.442.)

Steering

Free play	Less than 30 mm (1.2 in.)

Tires and wheels

▶ 15-inch tires

Tire size	195/65R15 91H		
Tire inflation pressure (Recommended cold tire inflation pressure)	Vehicle speed	Front wheel kPa (kgf/cm^2 or bar, psi)	Rear wheel kPa (kgf/cm^2 or bar, psi)
	More than 160 km/h (100 mph)	280 (2.8, 41)	270 (2.7, 39)
	160 km/h (100 mph) or less	250 (2.5, 36)	240 (2.4, 35)

Wheel size	15 × 6 1/2J
Wheel nut torque	103 N•m (10.5 kgf•m, 76 ft•lbf)

▶ 16-inch tires

Tire size	205/55R16 91V		
Tire inflation pressure (Recommended cold tire inflation pressure)	Vehicle speed	Front wheel kPa (kgf/cm^2 or bar, psi)	Rear wheel kPa (kgf/cm^2 or bar, psi)
	More than 160 km/h (100 mph)	Type A*: 280 (2.8, 41) Type B*: 250 (2.5, 36)	Type A*: 270 (2.7, 39) Type B*: 250 (2.5, 36)
	160 km/h (100 mph) or less	Type A*: 250 (2.5, 36) Type B*: 220 (2.2, 32)	Type A*: 240 (2.4, 35) Type B*: 220 (2.2, 32)
Wheel size	16 × 7J		
Wheel nut torque	103 N•m (10.5 kgf•m, 76 ft•lbf)		

*: The tire inflation pressure is specified on the tire-loading information label. (→P.414)

▶ 17-inch tires

Tire size	225/45R17 91W		
Tire inflation pressure (Recommended cold tire inflation pressure)	Vehicle speed	Front wheel kPa (kgf/cm^2 or bar, psi)	Rear wheel kPa (kgf/cm^2 or bar, psi)
	More than 160 km/h (100 mph)	260 (2.6, 38)	240 (2.4, 35)
	160 km/h (100 mph) or less	230 (2.3, 33)	210 (2.1, 30)
Wheel size	17 × 7 1/2J		
Wheel nut torque	103 N•m (10.5 kgf•m, 76 ft•lbf)		

▶ 18-inch tires

Tire size	225/40R18 92W		
Tire inflation pressure (Recommended cold tire inflation pressure)	Vehicle speed	Front wheel kPa (kgf/cm^2 or bar, psi)	Rear wheel kPa (kgf/cm^2 or bar, psi)
	More than 160 km/h (100 mph)	260 (2.6, 38)	240 (2.4, 35)
	160 km/h (100 mph) or less	230 (2.3, 33)	210 (2.1, 30)
Wheel size	18 × 8J		
Wheel nut torque	103 N•m (10.5 kgf•m, 76 ft•lbf)		

▶ Compact spare tire (if equipped)

Tire size	T125/70D17 98M
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)

When towing a trailer

Add 20.0 kPa (0.2 kgf/cm^2 or bar, 3 psi) to the recommended tire inflation pressure and drive at speeds below 100 km/h (62 mph).

Light bulbs

	Light bulbs	W	Type
Exterior	License plate lights	5	A
Interior	Luggage compartment light (bulb type)	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 premium unleaded gasoline with a Research Octane Number of 95 or higher for optimum engine performance.

Except EU area:
You must only use unleaded gasoline.
Select premium unleaded gasoline with a Research Octane Number of 95 or higher for optimum engine performance.

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.
- 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.
- 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.
- Do not use the methanol blended gasoline such as M15, M85, M100. The use of gasoline containing methanol may cause engine damage or failure.

Customizable features

Your vehicle includes a variety of electronic features that can be personalized to suit your preferences. The settings of these features can be changed using the multi-information display, the audio system screen or at any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer.

Customizing vehicle features

■ Changing by using the audio system screen (vehicles with multimedia system)

1 Select ⚙ on the main menu.

2 Select “Vehicle customise”.

3 Select the item to change the settings of from the list.

For functions that can be turned on/off, select (ON)/ (OFF).

Various setting can be changed. Refer to the list of settings that can be changed for details.

■ Changing by using the meter control switches

1 Select ⚙ of the multi-information display.

2 7-inch display meter: Press ❮ or ❯ to select the desired item to be customized.

12.3-inch display meter: Press ^ or ⌄ to select the desired item to be customized.

3 Press or press and hold OK .

The available settings will differ depending on if OK is pressed or pressed and held. Follow the instructions on the display.

⚠ 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 author-

ized repairer, or any reliable repairer for further details.

A Settings that can be changed using the audio system screen (vehicles with multimedia system)

B Settings that can be changed using the meter control switches

C Settings that can be changed by any authorized Toyota retailer or Toyota authorized repairer, or any reliable repairer

Definition of symbols: O = Available, — = Not available

■ **Alarm*1 (→P.91)**

Function	Default setting	Customized setting	A	B	C
Intrusion sensor*2	On	Off	—	O	—

*1: If equipped

*2: After the intrusion sensor is off, unlocking the doors using the entry function (if equipped) or wireless remote control will re-enable the intrusion sensor.

■ **Gauges, meters and multi-information display (→P.96, 100, 104, 109, 115)**

Function*1	Default setting	Customized setting	A	B	C
Language*2	English	*3	O	O	—
Units*2	L/100 km	km/L	O	O	—
		miles (MPG)*4			
Meter Type*5	2-dial	1-dial	—	O	—
		non-dial			
Meter Style*5	Smart	Casual	—	O	—
		Tough			
		Sporty			
Meter Style*6	Smart	Casual	—	O	—
		Sporty			
Dial Type*6	Hybrid System Indicator	Tachometer	—	O	—
		Simple (non-dial)			
Dial Type*7	Speedometer	Hybrid System Indicator	—	O	—
		Tachometer			

Function[*1]	Default setting	Customized setting	A	B	C
Dial Type[*8]	Hybrid System Indicator	Tachometer	—	O	—
EV indicator	On	Off	—	O	—
Fuel economy	Total average (Average fuel consumption [after reset])	Trip average (Average fuel consumption [after start])	—	O	—
		Tank average (Average fuel consumption [after refuel])[*6]			
Eco Accelerator Guidance	On	Off	—	O	—
Drive information items (First item)	Distance	Average vehicle speed	—	O	—
		Elapsed time			
Drive information items (Second item)	Elapsed time	Distance	—	O	—
		Average vehicle speed			
TRIP A Items (First item)[*5]	Distance	Average vehicle speed	—	O	—
		Elapsed time			
TRIP A Items (Second item)[*5]	Average vehicle speed	Distance	—	O	—
		Elapsed time			
TRIP B Items (First item)[*5]	Distance	Average vehicle speed	—	O	—
		Elapsed time			
TRIP B Items (Second item)[*5]	Average vehicle speed	Distance	—	O	—
		Elapsed time			
Pop-up display	On	Off	—	O	—

[*1]: For details about each function: →P.109, 115

[*2]: The default setting varies according to country.

[*3]: Arabic, Spanish, Russian, French, German, Italian, Dutch, Turkish, Polish, Hebrew, Norwegian, Swedish, Danish, Ukrainian, Finnish, Greek, Czech, Portuguese, Romanian, Slovakian, Hungarian, Flemish

[*4]: If equipped

*5: 12.3-inch display

*6: 7-inch display

*7: 12.3-inch display when 1-dial display is selected

*8: 12.3-inch display when 2-dial display is selected

■ Head-up display* (→P.122)

Function	Default setting	Customized setting	A	B	C
Head-up display	On	Off	—	O	—
Head-up display type customize	Standard	Full	—	O	—
		Minimum			

*: If equipped

■ Door lock (→P.135, 139, 486)

Function	Default setting	Customized setting	A	B	C
Unlocking using a mechanical key	All doors unlocked in one step	Driver's door unlocked in one step, all doors unlocked in two step	—	—	O

■ Rear seat reminder function (→P.135)

Function	Default setting	Customized setting	A	B	C
Rear seat reminder function	On	Off	—	O	—

■ Entry function* and wireless remote control (→P.135, 151)

Function	Default setting	Customized setting	A	B	C
Operation signal (Emergency flashers)	On	Off	O	—	O
Time elapsed before automatic door lock function is activated if door is not opened after being unlocked	30 seconds	60 seconds	—	—	O
		120 seconds			
Open door warning buzzer	On	Off	—	—	O

*: If equipped

■ **Smart entry & start system (→P.135, 151)**

Function	Default setting	Customized setting	A	B	C
Smart entry & start system	On	Off	O	—	O
Smart door unlocking*1	All the doors	Driver's door	O	—	O
Time elapsed before unlocking all the door when gripping and holding the driver's door handle*1	Off	1.5 seconds	—	—	O
		2.0 seconds			
		2.5 seconds			
Number of consecutive door lock operations*2	2 times	As many as desired	—	—	O
Power switch illumination	On	Off	—	—	O

*1: Vehicles with entry function

*2: On some models

■ **Wireless remote control (→P.133, 135, 139)**

Function	Default setting	Customized setting	A	B	C
Wireless remote control	On	Off	—	—	O
Unlocking operation	All doors unlocked in one step	Driver's door unlocked in one step, all doors unlocked in two step	O	—	O
Power back door unlocking operation*	Press and hold (short)	One short press	—	—	O
		Push twice			
		Press and hold (long)			
		Off			

*: If equipped

■ **Power switch (→P.198)**

Function	Customized setting	A	B	C
ACC customization* Enabling/Disabling ACC mode	On, Off	O	—	O

*: Vehicles with multimedia system

■ **Power back door* (→P.139)**

Function	Default setting	Customized setting	A	B	C
Power back door operations	On	Off	—	O	—
Kick sensor	On	Off	—	O	—
Set at the desired position(height): Back door automatic open and stop position	Initial settings position	Stop at the desired position (height)	—	O	—
5 step configuration: Back door automatic open and stop position	5	1 to 5	—	O	—
Operation buzzer volume	3	1	—	O	—
		2			

*: If equipped

■ **Outside rear view mirrors (→P.165)**

Function	Default setting	Customized setting	A	B	C
Automatic mirror folding and extending operation*	Linked to the locking/ unlocking of the doors	Off	—	—	O
		Linked to operation of the power switch			

*: If equipped

■ **Power windows and panoramic moon roof* (→P.168, 170)**

Function	Default setting	Customized setting	A	B	C
Mechanical key linked operation	Off	On	—	—	O
Wireless remote control linked operation	Off	On	—	—	O
Wireless remote control linked operation signal (buzzer)	On	Off	—	—	O

*: If equipped

■ **Panoramic moon roof* (→P.170)**

Function	Default setting	Customized setting	A	B	C
Linked operation of components when key is used	Slide only	Tilt only	—	—	O
Linked operation of components when wireless remote control is used	Slide only	Tilt only	—	—	O

*: If equipped

■ **Automatic light control system (→P.217)**

Function	Default setting	Customized setting	A	B	C
Light sensor sensitivity	Standard	-2 to 2	O	—	O
Extended Headlight Lighting (Time elapsed before headlights automatically turn off)	30 seconds	60 seconds	—	—	O
		90 seconds			
		120 seconds			

■ **AHS (Adaptive High-beam System)*1 (→P.224)**

Function	Default setting	Customized setting	A	B	C
Adaptive High-beam System	On	Off*2	—	—	O
Vehicle speed at which the brightness and illuminated area adjustment of the high beams changes mode	Approximately 15 km/h (9 mph) or more	Approximately 30 km/h (19 mph) or more	—	—	O
		Approximately 60 km/h (38 mph) or more			
Intensity adjustment of the high beams when driving around a curve (illuminates the area in the direction vehicle is turning more brightly)	On	Off	—	—	O
Projection distance adjustment of the low beams according to the distance to a preceding vehicle	On	Off	—	—	O

Function	Default setting	Customized setting	A	B	C
High beam light distribution control for rain	On	Off	—	—	O
Light distribution control for urban areas	On	Off	—	—	O

*1: If equipped

*2: The headlights will operate under Automatic High Beam control. (→P.221)

■ PCS (Pre-Collision System) (→P.244)

Function	Customized setting	A	B	C
PCS (Pre-Collision System)*	On, Off	—	O	—
Warning timing	Later, Default, Earlier	—	O	—

*: The system is automatically enabled each time the power switch is turned to ON.

■ LDA (Lane Departure Alert) (→P.259)

Function	Customized setting	A	B	C
LDA (Lane Departure Alert System)*	On, Off	—	O	—
Alert timing*	Default, Earlier	—	O	—
Alert options*	Vibration, Audible	—	O	—

*: This setting changes in accordance with My Setting.

■ Dynamic radar cruise control (→P.273)

Function	Customized setting	A	B	C
Overtake prevention*1	On, Off	—	O	—
Acceleration setting*1	High, Mid, Low	—	O	—
Speed setting (short press)*1	1 km/h, 5 km/h, 10 km/h*2	—	O	—
	1 mph, 5 mph, 10 mph*3			
Speed setting (long press)*1	1 km/h, 5 km/h, 10 km/h*2	—	O	—
	1 mph, 5 mph, 10 mph*3			

Function	Customized setting	A	B	C
Dynamic Radar Cruise Control with Road Sign Assist*1	On, Off	—	O	—
Speed limit offset*1	-5 to +5	—	O	—
Guide message*1	On, Off	—	O	—
Curve speed reduction*1	High, Mid, Low, Off	—	O	—

*1: This setting changes in accordance with My Setting.

*2: When the set speed is shown in “km/h”

*3: When the set speed is shown in “MPH”

■ Speed limiter (→P.287)

Function	Customized setting	A	B	C
Speed setting (short press)*1	1 km/h, 5 km/h, 10 km/h*2	—	O	—
	1 mph, 5 mph, 10 mph*3			
Speed setting (long press)*1	1 km/h, 5 km/h, 10 km/h*2	—	O	—
	1 mph, 5 mph, 10 mph*3			
Speed limit offset*1	-5 to +5	—	O	—
Guide message*1	On, Off	—	O	—

*1: This setting changes in accordance with My Setting.

*2: When the set speed is shown in “km/h”

*3: When the set speed is shown in “MPH”

■ PDA (Proactive Driving Assist)*1 (→P.264)

Function	Customized setting	A	B	C
Proactive Driving Assist (PDA)*2	On, Off	—	O	—
Support sensitivity*2	Low, Mid, High	—	O	—
Deceleration Assist (DA)*2	On, Off	—	O	—
Obstacle Anticipation Assist (OAA)*2	On, Off	—	O	—

*1: If equipped

*2: This setting changes in accordance with My setting.

■ RSA (Road Sign Assist) (→P.269)

Function	Customized setting	A	B	C
RSA (Road Sign Assist)	On, Off	—	O	—
Excess speed notification method	None, Visual, Visual and Audible	—	O	—
Other notifications method (For vehicle with a navigation system)	None, Visual, Visual and Audible	—	O	—
Excess speed notification level	10 km/h (5 mph), 5 km/h (3 mph), 2 km/h (1 mph)	—	O	—

■ Driver break suggestion (→P.262)

Function	Customized setting	A	B	C
Driver break suggestion	On, Off	—	O	—

■ BSM (Blind Spot Monitor)* (→P.290)

Function	Default setting	Customized setting	A	B	C
BSM (Blind Spot Monitor)	On	Off	—	O	—
Outside rear view mirror indicator brightness	Bright	Dim	—	O	—
Alert timing for presence of approaching vehicle (sensitivity)	Intermediate	Early	—	O	—
		Late			

*: If equipped

■ RCTA (Rear Cross Traffic Alert) function*1 (→P.302)

Function	Default setting	Customized setting	A	B	C
RCTA (Rear Cross Traffic Alert)	On	Off	—	O	—
Buzzer volume of RCTA when operating*2	Level 2	Level 1	—	O	—
		Level 3			

*1: If equipped

*2: The sound volume is linked among the Toyota parking assist-sensor and RCTA.

■ Toyota parking assist-sensor*1 (→P.295)

Function	Default setting	Customized setting	A	B	C
Toyota parking assist-sensor	On	Off	—	O	—
Buzzer volume*2	Level2	Level1	—	O	—

*1: If equipped

*2: The sound volume is linked among the Toyota parking assist-sensor and RCTA.

■ Safe Exit Assist* (→P.319)

Function	Default setting	Customized setting	A	B	C
Safe Exit Assist	On	Off	—	O	—
Outside rearview mirrors display	On	Off	—	O	—
Detection sensitivity	Middle	High	—	O	—
		Low			

*: If equipped

■ PKSB (Parking Support Brake)* (→P.308)

Function	Default setting	Customized setting	A	B	C
PKSB (Parking Support Brake) function	On	Off	—	O	—

*: If equipped

■ Driving mode select switch (→P.323)

Function	Default setting	Customized setting	A	B	C
Powertrain control in custom mode*	Normal	Power	O	—	—
		Eco			
Suspension control in custom mode*	Normal	Sport	O	—	—
		Comfort			
Steering control in custom mode*	Normal	Sport	O	—	—
Air conditioning operation in custom mode*	Normal	Eco	O	—	—

*: If equipped

■ **Automatic air conditioning system (→P.338)**

Function	Default setting	Customized setting	A	B	C
Switching between outside air and recirculated air mode linked to automatic mode switch operation	On	Off	O	—	O
A/C auto switch operation	On	Off	O	—	O

■ **Illumination (→P.347)**

Function	Default setting	Customized setting	A	B	C
Time elapsed before the interior lights turn off	15 seconds	Off	O	—	O
		7.5 seconds			
		30 seconds			
Operation after the power switch is turned off	On	Off	—	—	O
Operation when the doors are unlocked	On	Off	—	—	O
Operation when you approach the vehicle with the electronic key on your person*	On	Off	—	—	O
Cup holder lights* and center tray light*	On	Off	—	—	O
Door trim lights*	On	Off	—	—	O

*: If equipped

■ **Vehicle customization**

When the smart entry & start system is off, Smart door unlocking cannot be customized.

■ **In the following situations, customize mode in which the settings can be changed through the multi-information display will automatically be turned off**

- A warning message appears after the customize mode screen is displayed
- The power switch is turned off.
- The vehicle begins to move while the customize mode screen is displayed.

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 items to initialize

Item	When to initialize	Reference
PKSB (Parking Support Brake)*	• After reconnecting or changing the 12-volt battery	P.308
Tire pressure warning system	• When rotating front and rear tires which have different tire inflation pressures • When changing the tire size • When the tire inflation pressure is changed such as when changing traveling speed or load weight • When changing between two registered wheel sets	P.403

*: If equipped

Index

What to do if... (Troubleshooting) 528
Alphabetical Index 531

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.486)
- 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.486)



The doors cannot be locked or unlocked

- Is the electronic key battery weak or depleted? (→P.422)
- Is the power switch in ON?

When locking the doors, turn the power switch off. (→P.200)

- 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.154)



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.139)

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.198)
- Is the shift lever in P? (→P.198)
- Is the electronic key anywhere detectable inside the vehicle? (→P.152)
- Vehicles with steering lock function: Is the steering wheel unlocked? (→P.199)
- Is the electronic key battery weak or depleted?

In this case, the hybrid system can be

started in a temporary way. (→P.487)

- Is the 12-volt battery discharged? (→P.488)



The shift lever cannot be shifted from P even if you depress the brake pedal

- 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.205)



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.199)



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.170)



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.201)



A warning buzzer sounds during driving

- The seat belt reminder light is flashing

Are the driver and the passenger wearing the seat belts? (→P.445)

- The parking brake indicator is on

Is the parking brake released? (→P.211)

Depending on the situation, other types of warning buzzer may also sound. (→P.442, 452)



An alarm is activated and the horn sounds (vehicles with an alarm)

- Did anyone inside the vehicle open a door or anything move inside the vehicle during setting the alarm?

The sensor detects it and the alarm sounds. (→P.90)

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

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



A warning buzzer sounds when leaving the vehicle

- Is the electronic key left inside

the vehicle?

Check the message on the multi-information display. (→P.452)



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.442, 452.

When a problem has occurred



If you have a flat tire

- Vehicles with an emergency tire puncture repair kit: Stop the vehicle in a safe place and repair the flat tire temporarily with the emergency tire puncture repair kit. (→P.457)
- Vehicles with spare tire: Stop the vehicle in a safe place and replace the flat tire with the spare tire. (→P.469)



The vehicle becomes stuck

- Try the procedure for when the vehicle becomes stuck in mud, dirt, or snow. (→P.499)

Alphabetical Index

A

A/C
Air conditioning filter....417
Automatic air conditioning system 338
Front seat concentrated airflow mode (S-FLOW) 343
ABS (Anti-lock Brake System) 326
Warning light 444
ACA (Active Cornering Assist)....326
Active Cornering Assist (ACA)....326
Adaptive High-beam System....224
Adaptive Variable Suspension System....326
AHB (Automatic High Beam)....221
Air conditioning filter....417
Air conditioning system
Air conditioning filter....417
Automatic air conditioning system 338
Front seat concentrated airflow mode (S-FLOW) 343
Airbag manual on-off system....46
Airbags
Airbag manual on-off system 46
Airbag operating conditions 39
Airbag precautions for your child .41
Correct driving posture....31
Curtain shield airbag operating conditions 39
Curtain shield airbag precautions 41
General airbag precautions....41
Locations of airbags....37
Modification and disposal of airbags 44
Side airbag operating conditions..39
Side airbag precautions 41
Side and curtain shield airbags operating conditions....39
Side and curtain shield airbags precautions 41
SRS airbags....37
SRS warning light 444
Alarm
Alarm....90
Warning buzzer 442
Antennas (smart entry & start system)....151, 152
Anti-lock Brake System (ABS).....326
Warning light 444
Approach warning 279
Armrest....371
Assist grips 371
Audio system-linked display113, 120
Automatic air conditioning system 338
Automatic headlight leveling system 218
Automatic High Beam 221
Automatic light control system...217
Average fuel economy 110, 118
Average vehicle speed 113

B

Back door 139
Back-up light
Replacing light bulbs....428
Battery (12-volt battery)
Battery checking....393, 396
If the 12-volt battery is discharged 488
Preparing and checking before winter....333
Warning light 443
Battery (traction battery)....83
Blind Spot Monitor (BSM) 290
Bottle holders....351
Brake
Brake hold 214
Emergency brake signal....326
Fluid 509
Parking brake 211
Regenerative braking 81
Warning light 442
Brake assist....326
Break-in tips 184

Brightness control
Meter light control 102, 108
BSM (Blind Spot Monitor) 290

C

Care
Exterior 374
Interior 377
Seat belts 377
Wheels and wheel ornaments 374
Cargo hooks 353
Chains 334
Child restraint system
Points to remember 49
Riding with children 47
Child safety
12-volt battery precautions 394, 397, 493
Airbag precautions 41
Child restraint system 48
Heated steering wheel and seat heater precautions 345
How your child should wear the seat belt 34
Installing child restraints 48
Panoramic moon roof precautions 172
Power window lock switch 170
Power window precautions 169
Rear door child-protectors 139
Seat belt precautions 48
Child-protectors 139
Cleaning
Exterior 374
Interior 377
Seat belts 377
Wheels and wheel ornaments 374
Clock 100, 103, 104, 109
Coat hooks 372
Condenser 393
Console box 352
Cooling system 391
Engine overheating 495
Hybrid system overheating 496
Cruise control 282
Cup holders 351
Current fuel consumption 110, 118
Curtain shield airbags 37
Customizable features 513

D

Daytime running light system 217
Daytime running lights
Replacing light bulbs 428
Deck board 354
Defogger
Outside rear view mirrors 341
Rear window 341
Windshield 340
Dimensions 502
Display
Cruise control 283
Dynamic radar cruise control 276
Energy monitor 126
Head-up display 122
Multi-information display 109, 115
RCTA 302
Speed limiter 287
Toyota parking assist-sensor 296
Warning message 452
Display change button 102
Do-it-yourself maintenance 380
Door
Double locking system 89
Door lock
Back door 139
Side doors 135
Smart entry & start system 151
Wireless remote control 133
Doors
Back door 139
Door glasses 168
Door lock 135, 139
Open door warning buzzer . 137, 139
Outside rear view mirrors 165
Rear door child-protectors 139
Side doors 135
Double locking system 89

Drive distance 113
Drive information 113
Drive-Start Control (DSC)
Sudden start restraint control 188
Driving
Break-in tips 184
Correct driving posture 31
Driving mode select switch 323
Hybrid vehicle driving tips 331
Procedures 183
Winter drive tips 333
Driving information display 110
Driving range 110, 118
Driving support system information display 113, 117, 120
DSC (Drive-Start Control)
Sudden start restraint control 188
Dynamic radar cruise control 273

E

eCall 69
"SOS" button 69
ECO Accelerator Guidance ... 111, 119
Eco score 111, 119
Elapsed time 113
Electric motor (traction motor) 80
Electric Power Steering (EPS) 326
Warning light 445
Electronic key 132
Battery-saving function 154
If the electronic key does not operate properly 486
Replacing the battery 422
Electronic roof sunshade
Jam protection function 171
Operation 170
Emergency brake signal 326
Emergency Driving Stop System 285
Emergency flashers 434
Emergency tire puncture 457
Emergency, in case of
If a warning buzzer sounds 442
If a warning light turns on 442
If a warning message is displayed 452
If the 12-volt battery is discharged 488
If the electronic key does not operate properly 486
If the hybrid system will not start 484
If the vehicle is submerged or water on the road is rising 435
If you have a flat tire 457, 469
If you lose your keys 486
If you think something is wrong .. 440
If your vehicle becomes stuck 499
If your vehicle has to be stopped in an emergency 434
If your vehicle needs to be towed 437
If your vehicle overheats 495
Energy monitor 126
Engine
ACCESSORY mode 200
Compartment 387
Engine switch 198
Hood 384
How to start the hybrid system ... 198
Identification number 503
If the hybrid system will not start 484
If your vehicle has to be stopped in an emergency 434
Ignition switch (power switch) 198
Overheating 495
Power switch 198
Tachometer 104
Engine coolant
Capacity 507
Checking 391
Preparing and checking before winter 333
Engine coolant temperature gauge 100, 104
Engine oil
Capacity 506
Checking 388
Preparing and checking before winter 333

Warning light 443
Engine switch (power switch) 198
If your vehicle has to be stopped in an emergency 434
EPS (Electric Power Steering) 326
Warning light 445
EV drive mode 202
EV Driving Ratio 112, 120
EV indicator 81
EV Ratio 112, 120
Extended Headlight Lighting system 218

F

Flat tire
Tire pressure warning system 400
Vehicles with a spare tire 469
Vehicles without a spare tire 457
Floor mats 30
Fluid
Brake 509
Hybrid transmission 508
Washer 394
Fog lights
Replacing light bulbs 428
Switch 228
Front fog lights
Replacing light bulbs 428
Switch 228
Front position lights
Replacing light bulbs 428
Front seats
Adjustment 158
Cleaning 377
Correct driving posture 31
Head restraints 161
Seat heaters 345
Front turn signal lights
Replacing light bulbs 428
Turn signal lever 211
Fuel
Capacity 505
Fuel gauge 100, 104
Information 512
Refueling 234
Type 505
Warning light 445
Fuel consumption
Average fuel economy 110, 118
Current fuel consumption ... 110, 118
Fuel economy 110, 118
Fuel filler door
Refueling 234
Fuel gauge 100, 104
Fuses 424

G

Gauges 100, 104
Glove box 351
Glove box light 351
Grocery bag hooks 353

H

Head restraints 161
Headlights
Adaptive High-beam System 224
AHB (Automatic High Beam) 221
Extended Headlight Lighting system 218
Light switch 217
Replacing light bulbs 428
Head-up display 122
Driving information display area . 122
Driving support system display area 124
Hybrid System Indicator 125
Navigation system-linked display 122
Pop-up display 125
Settings 124
Heated steering wheel 345
Heaters
Automatic air conditioning system 338
Heated steering wheel 345
Outside rear view mirrors 341
Seat heaters 345

High mounted stoplight
Replacing light bulbs....428
High-voltage components 83
Hill-start assist control....326
Hood
Open 384
Hooks
Cargo hooks....353
Coat hooks....372
Grocery bag hooks....353
Retaining hooks (floor mat)....30
Horn 163
Hybrid battery (traction battery)
Location 83
Specification....505
Warning message 86
Hybrid battery (traction battery) air intake vent 419
Hybrid battery (traction battery) air vent....86
Hybrid system....80
Emergency shut off system....86
Energy monitor/consumption screen 126
EV drive mode 202
High voltage components 83
Hybrid system precautions....83
If the hybrid system will not start 484
Overheating 496
Power (ignition) switch 198
Regenerative braking....81
Starting the hybrid system 198
Vehicle proximity notification system 82
Hybrid System Indicator 100, 107, 125
Hybrid transmission....204, 207
Paddle shift switches 209
Hybrid vehicle driving tips....331

I

Identification
Engine....503
Vehicle 503
Ignition switch (power switch) 198
Auto power off function 201
Changing the power switch modes 200
If your vehicle has to be stopped in an emergency 434
Illuminated entry system....348
Immobilizer system 88
Indicators....98
Initialization
Items to initialize....525
Power windows 168
Inside rear view mirror 164
Interior lights....347
Front interior light 347
Rear interior light....347
Wattage 511
Intrusion sensor....91

J

Jack
Positioning a floor jack 385
Vehicle-equipped jack 470
Jack handle 470
Jam protection function
Electronic roof sunshade....171
Panoramic moon roof....171
Power back door 147
Power windows 168

K

Keyless entry
Smart entry & start system....151
Wireless remote control 133
Keys
Battery-saving function....154
Electronic key....132
If the electronic key does not operate properly 486
If you lose your keys 486
Key number plate 132
Keyless entry....135, 141, 151
Mechanical key 132

Power switch 198
Replacing the battery 422
Warning buzzer 153
Wireless remote control 133
Knee airbags 37

L

Lane Departure Alert (LDA) 259
Lane Tracing Assist (LTA) 254
Operation 254
Language (multi-information display) 114, 121
LDA (Lane Departure Alert) 259
Operation 259
Lever
Auxiliary catch lever 384
Hood lock release lever 384
Shift lever 204, 207
Turn signal lever 211
Wiper lever 229
License plate lights
Light switch 217
Replacing light bulbs 428
Wattage 511
Light bulbs
Replacing 427
Lights
Adaptive High-beam System 224
AHB (Automatic High Beam) 221
Extended Headlight Lighting system 218
Fog light switch 228
Front interior lights 347
Front personal lights 348
Headlight switch 217
Interior lights 347
Interior lights list 347
Luggage compartment light 142, 145
Rear interior lights 347
Rear personal lights 348
Replacing light bulbs 428
Turn signal lever 211
Vanity lights 371
Wattage 511
Lock steering column 199
LTA (Lane Tracing Assist) 254
Operation 254
LTA (Lane Tracing Assist) switch 256
Luggage compartment features .. 353
Luggage compartment light
Wattage 511
Luggage cover 357, 358

M

Maintenance
Do-it-yourself maintenance 382
Maintenance data 502
Maintenance requirements 380
Malfunction indicator lamp 443
Manual headlight leveling dial 219
Menu icons 109
Meter
Clock 100, 104
Hybrid System Indicator 100, 107
Indicators 98
Meter control switches 110, 116
Meter light control 102, 108
Meters 100, 104
Multi-information display 109, 115
Settings 114, 121
Warning lights 442
Warning message 452
Mirrors
Inside rear view mirror 164
Outside rear view mirror defoggers 341
Outside rear view mirrors 165
Vanity mirrors 371
Multi-information display
Audio system-linked display 113, 120
Clock 103, 109
Cruise control 283
Driving information display 110
Driving support system information display 113, 117, 120
Dynamic radar cruise control 276
ECO Accelerator Guidance 111, 119
Eco score 111, 119

Energy monitor....126
EV Driving Ratio....112, 120
EV Ratio....112, 120
Fuel economy....110, 118
Menu icons....109
Meter control switches....110, 116
Navigation system-linked display....113, 117, 120
Settings....114, 121
Speed limiter....287
Tire pressure....400
Vehicle information display....113
Warning message....452

N

Navigation system-linked display....113, 117, 120, 122

O

"ODO TRIP" switch....108
Odometer....102, 108
Odometer and trip meter display
Display change button....102
Display items....102, 108
"ODO TRIP" switch....108
Oil
Engine oil....506
Open tray....352
Opener
Back door....141, 143
Fuel filler door....234
Hood....384
Outside rear view mirrors
Adjustment....166
BSM (Blind Spot Monitor)....290
Folding....166
Outside rear view mirror defoggers....341
RCTA function....302
Safe Exit Assist....319
Outside temperature....100, 104
Overheating....495

P

Paddle shift switches....209
Panoramic moon roof
Jam protection function....171
Operation....170
Parking assist sensors (Toyota parking assist-sensor)....295
Parking brake
Operation....211
Parking brake engaged warning buzzer....213
Warning light....449
Warning message....213
Parking Support Brake function (for rear-crossing vehicles)....317
Function....317
Parking Support Brake function (rear-crossing vehicles)....308
Parking Support Brake function (static objects)....308, 314
Function....314
Partition net....359
PCS (Pre-Collision System)....244
Function....245
Warning light....447
PDA(Proactive driving assist)[PDA(Proactive driving assist)]....264
Personal lights....347
Wattage....511
PKSB (Parking Support Brake)....308
Warning message....313
Power control unit....83
Power control unit coolant
Capacity....507
Checking....391
Preparing and checking before winter....333
Power outlet....363
Power steering (Electric power steering system)....326
Warning light....445
Power switch....198
Auto power off function....201

Changing the power switch modes 200
Power switch (engine switch)
If your vehicle has to be stopped in an emergency....434
Power windows
Door lock linked window operation 169
Jam protection function....168
Operation....168
Window lock switch....170
Pre-Collision System (PCS)....244
Function....245
Warning light....447

R

Radiator....393
RCTA
Function....302
RCTA function....303
Rear Crossing Traffic Alert (RCTA) 302
Rear fog lights
Replacing light bulbs....428
Switch....228
Rear seats....159
Head restraints....161
Seat heaters....345
Rear turn signal lights
Replacing light bulbs....428
Turn signal lever....211
Rear view mirror
Inside rear view mirror....164
Outside rear view mirrors....165
Rear window defogger....341
Rear window wiper....232
Refueling
Capacity....505
Fuel types....505
Opening the fuel tank cap....234
Regenerative braking....81
Replacing
Electronic key battery....422
Fuses....424
Light bulbs....427
Tires....469
Road accident cautions....84
Road Sign Assist (RSA)....269
RSA (Road Sign Assist)....269

S

Safe Exit Assist....319
Seat belt reminder light....445, 446
Seat belts....33
Adjusting the seat belt....35
Child restraint system installation.48
Cleaning and maintaining the seat belt....377
Emergency Locking Retractor....35
How to wear your seat belt....34
How your child should wear the seat belt....34
Pregnant women, proper seat belt use....33
Reminder light and buzzer .445, 446
Seat belt pretensioners....35
SRS warning light....444
Seat heaters....345
Seats
Adjustment....158
Adjustment precautions....158
Child seats/child restraint system installation....48
Cleaning....377
Head restraints....161
Properly sitting in the seat....31
Seat heaters....345
Secondary Collision Brake....327
Sensor
AHB (Automatic High Beam)....221
Automatic headlight system....217
BSM (Blind Spot Monitor)....290
Inside rear view mirror....165
Intrusion sensor....91
Kick sensor....144
Parking Support Brake function (rear-crossing vehicles)....317

Parking Support Brake function (static objects) 315
Radar sensor 291, 320
Rain-sensing windshield wipers . 231
RCTA 303
Toyota parking assist-sensor 295
Service plug 83
Shift lever
Hybrid transmission 204, 207
If the shift lever cannot be shifted from P 205, 208
Shift lock system 205, 208
Side airbags 37
Side mirrors
Adjustment 166
BSM (Blind Spot Monitor) 290
Folding 166
RCTA function 302
Side turn signal lights
Turn signal lever 211
Side windows 168
Smart entry & start system
Antenna location 151, 152
Entry functions 135, 141
Starting the hybrid system 198
Snow tires 333
Spare tire 469
Inflation pressure 509
Storage location 470
Spark plug 508
Specifications 502
Speed limiter 287
Speedometer 100, 104
Steering lock
Column lock release 199
Steering lock system warning message 199
Steering wheel
Adjustment 163
Heated steering wheel 345
Meter control switches 110, 116
Stop lights
Emergency brake signal 326
Replacing light bulbs 428
Storage features 350
Stuck
If the vehicle becomes stuck 499
Sun visors 370
Sunshade
Panoramic moon roof 170
Switches
Adaptive High-beam System 225
AHB (Automatic High Beam) 221
Airbag manual on-off switch 46
Brake Hold switch 214
Display change button 102
Door lock switches 138
Driving mode select switch 323
Dynamic radar cruise control switch 276
Electronic roof sunshade switches 170
Emergency flashers switch 434
EV drive mode switch 202
Heated steering wheel switch 345
Ignition switch 198
Light switches 217
LTA (Lane Tracing Assist) switch 256
Meter control switches 110, 116
“ODO TRIP” switch 108
Outside rear view mirror switches 165
Paddle shift switches 209
Panoramic moon roof switches .. 170
Parking brake switch 211
PKSB (Parking Support Brake) switch 309
Power door lock switch 138
Power switch 198
Power window switches 168
RCTA switch 303
Rear window and outside rear view mirror defoggers switch 338
Seat heater switches 345
“SOS” button 69
Toyota parking assist-sensor switch 296
Vehicle-to-vehicle distance switch 278
VSC OFF switch 327

Window lock switch.....170
Windshield wiper and washer switch 229

T

Tachometer 104
Tail lights
Light switch 217
Replacing light bulbs.....428
Theft deterrent system
Alarm.....90
Double locking system 89
Immobilizer system 88
Intrusion sensor 91
Tire inflation pressure.....414
Maintenance data 509
Warning light 446
Tire pressure warning system
Function 400
Installing tire pressure warning valves and transmitters.....402
Registering ID codes.....408
Registration of the position of each wheel 403
Setting the tire pressure.....405
Warning light 446
Tires
Chains.....334
Checking.....398
Emergency tire puncture repair kit 457
If you have a flat tire.....457, 469
Inflation pressure 414
Replacing.....469
Rotating tires.....399
Size.....509
Snow tires 333
Spare tire 469
Tire pressure warning system....400
Warning light 446
Tools 459, 470
Top tether anchorages.....63
Towing
Emergency towing 437
Towing capacity.....502
Towing eyelet 439
Trailer towing.....191
Toyota parking assist-sensor
Function 295
Warning message 297, 298
Toyota Safety Sense
Adaptive High-beam System.....224
AHB (Automatic High Beam).....221
Cruise control.....282
Dynamic radar cruise control 273
Emergency Driving Stop System285
LDA (Lane Departure Alert).....259
LTA (Lane Tracing Assist).....254
PCS (Pre-Collision System).....244
RSA (Road Sign Assist) 269
Speed limiter 287
Toyota Safety Sense[Toyota Safety Sense]
PDA(Proactive driving assist)[PDA(Proactive driving assist)].....264
Traction battery (hybrid battery)
Hybrid battery (traction battery) air vent 86
Location.....83
Specification.....505
Warning message 86
Traction Control (TRC) 326
Traction motor (electric motor) 80
Trailer towing 191
Transmission
Driving mode select switch.....323
Hybrid transmission.....204, 207
If the shift lever cannot be shifted from P 205, 208
Paddle shift switches.....209
S mode.....209
TRC (Traction Control) 326
Trip meters 102, 108
Turn signal lights
Replacing light bulbs.....428
Turn signal lever.....211

U

USB charging port.....362

V

Vanity lights 371
Wattage..... 511
Vanity mirrors 371
Vehicle data recording 7
Vehicle identification number.....503
Vehicle information display..... 113
Vehicle Stability Control (VSC)....326
Vehicle Stability Control+ (VSC+)326
VSC (Vehicle Stability Control)....326
VSC+ (Vehicle Stability Control+)326

W

Warning buzzers
ABS.....444
Airbags.....444
Approach warning.....279
Brake hold.....450
Brake Override System.....444
Brake system 442
Charging system 443
Downshifting 210
Drive-Start Control 444
Electric power steering.....445
Engine.....443
High coolant temperature.....442
Hybrid system 443
Hybrid system overheat 443
LDA (Lane Departure Alert)259, 447
Low engine oil pressure 443
LTA (Lane Tracing Assist) ..254, 447
Open door.....137, 139
PDA (Proactive Driving Assist)...448
Seat belt.....445, 446
Toyota parking assist-sensor ...301, 447
Warning label 83
Warning lights.....442
ABS.....444
Brake hold operated indicator 450
Brake Override System.....444
Brake system 442
Charging system 443
Cruise control indicator 448
Drive-Start Control 444
Driving assist information indicator 449
Dynamic radar cruise control indicator.....448
Electric power steering.....445
High coolant temperature.....442
Hybrid system overheat 443
LDA indicator.....447
Low engine oil pressure 443
Low fuel level 445
LTA indicator.....447
Malfunction indicator lamp 443
Parking brake indicator 449
PDA indicator 448
Pre-collision system 447
Seat belt reminder light 445, 446
Slip indicator.....449
Speed limiter indicator.....448
SRS.....444
Tire pressure 446
Toyota parking assist-sensor OFF indicator 447
Warning messages 452
Washer
Checking 394
Preparing and checking before winter.....333
Switch.....229
Washing and waxing 374
Weight.....502
Wheels 415
Replacing 415
Size 509
Window lock switch.....170
Windows
Power windows 168
Rear window defogger 341
Washer.....229
Windshield wiper de-icer 343

Windshield wipers **229**
Winter driving tips **333**
Wireless charger **364**
Wireless remote control
Battery-Saving Function 154
Locking/Unlocking 133
Replacing the battery 422

For information regarding the equipment listed below, refer to “Multimedia owner’s manual”.

· Navigation system
· Audio/visual system
· Rear view monitor system

Certifications

▶ eCall

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

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

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

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

Hereby, Continental Automotive Singapore declares that the radio equipment type is in compliance with Directive 2014/53/EU.

Manufacturer : Continental Automotive Singapore Pte Ltd
Address : 80 Boon Keng Road, Continental Building Singapore 339780
Model : MCEU NCBOX

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



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

Hereby, Continental Automotive Singapore declares that the radio equipment type is in compliance with Directive 2014/53/EU.



Hereby, Continental Automotive Singapore Pte Ltd declares that the radio equipment type MCEU CBOX/MCEU NCBOX is in compliance with <Directive 2014/53/EU / RER 2017 (SI 2017/1206)>.
The full text of the <EU/UK> declaration of conformity is available at the following internet address:
https://www.continental-homologation.com

▶ Immobilizer system

Hereby, TOYOTA MOTOR CORPORATION declares that the radio equipment type TMLF19T-2 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: http://www.tokai-rika.co.jp/pc Frequency band: 119 - 135 kHz Maximum radio-frequency power: 55dBμA/m @10m
TOYOTA MOTOR CORPORATION vakuuttaa, että radiolaitetyyppi TMLF19T-2 on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: http://www.tokai-rika.co.jp/pc Radiotaajuus: 119 - 135 kHz suurin mahdollinen lähetysteho: 55dBμA/m @10m
Hierbij verklaar ik, TOYOTA MOTOR CORPORATION, dat het type radioapparatuur TMLF19T-2 conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: http://www.tokai-rika.co.jp/pc Frequentieband: 119 - 135 kHz Maximaal radiofrequentievermogen: 55dBμA/m @10m

Le soussigné, TOYOTA MOTOR CORPORATION, déclare que l'équipement radioélectrique du type TMLF19T-2 est conforme à la directive 2014/53/UE.

Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:
http://www.tokai-rika.co.jp/pc

Bande de fréquences: 119 - 135 kHz
Puissance de radiofréquence maximale: 55dBμA/m @10m

Härmed försäkrar TOYOTA MOTOR CORPORATION att denna typ av radioutrustning TMLF19T-2 överensstämmer med direktiv 2014/53/EU.

Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:
http://www.tokai-rika.co.jp/pc

Frekvensband: 119 - 135 kHz
Maximal radiofrekvenseffekt: 55dBμA/m @10m

Hermed erklærer TOYOTA MOTOR CORPORATION, at radioudstyrstypen TMLF19T-2 er i overensstemmelse med direktiv 2014/53/EU.

EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:
http://www.tokai-rika.co.jp/pc

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

Hiermit erklärt TOYOTA MOTOR CORPORATION, dass der Funkanlagentyp TMLF19T-2 der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: http://www.tokai-rika.co.jp/pc Frequenzband: 119 - 135 kHz Abgestrahlte maximale Sendeleistung: 55dBμA/m @10m
Με την παρούσα ο/η TOYOTA MOTOR CORPORATION, δηλώνει ότι ο ραδιοεξοπλισμός TMLF19T-2 πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: http://www.tokai-rika.co.jp/pc Ζώνη συχνοτήτων: 119 - 135 kHz Μέγιστη ισχύς ραδιοσυχνότητας: 55dBμA/m @10m
Il fabbricante, TOYOTA MOTOR CORPORATION, dichiara che il tipo di apparecchiatura radio TMLF19T-2 è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: http://www.tokai-rika.co.jp/pc Banda di frequenza: 119 - 135 kHz Potenza massima radiofrequenza: 55dBμA/m @10m

Por la presente, TOYOTA MOTOR CORPORATION declara que el tipo de equipo radioeléctrico TMLF19T-2 es conforme con la Directiva 2014/53/UE.

El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:
http://www.tokai-rika.co.jp/pc

Banda de frecuencia: 119 - 135 kHz
Potencia máxima de radiofrecuencia: 55dBμA/m @10m

O(a) abaixo assinado(a) TOYOTA MOTOR CORPORATION declara que o presente tipo de equipamento de rádio TMLF19T-2 está em conformidade com a Diretiva 2014/53/UE.

O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:
http://www.tokai-rika.co.jp/pc

Banda de frequência: 119 - 135 kHz
Potência máxima de radiofrequências: 55dBμA/m @10m

B'dan, TOYOTA MOTOR CORPORATION, niddikjara li dan it-tip ta' tagħmir tar-radju TMLF19T-2 huwa konformi mad-Direttiva 2014/53/UE.

It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej:
http://www.tokai-rika.co.jp/pc

Tíðnisvið: 119 - 135 kHz
Hámarks útvarpsbylgjutíðni: 55dBμA/m @10m

Käesolevaga deklareerib TOYOTA MOTOR CORPORATION, et käesolev raadioseadme tüüp TMLF19T-2 vastab direktiivi 2014/53/EL nõuetele.

ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:
http://www.tokai-rika.co.jp/pc

Sagedusriba: 119 - 135 kHz
Maksimaalne saatevõimsus: 55dBµA/m @10m

TOYOTA MOTOR CORPORATION igazolja, hogy a TMLF19T-2 típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.

Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:
http://www.tokai-rika.co.jp/pc

Frekvenciasáv: 119 - 135 kHz
Maximális jelerősség: 55dBµA/m @10m

TOYOTA MOTOR CORPORATION týmto vyhlasuje, že rádiové zariadenie typu TMLF19T-2 je v súlade so smernicou 2014/53/EÚ.

Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:
http://www.tokai-rika.co.jp/pc

Frekvenčné pásmo: 119 - 135 kHz
Maximálny rádiofrekvenčný výkon: 55dBµA/m @10m

Tímto TOYOTA MOTOR CORPORATION prohlašuje, že typ rádiového zařízení TMLF19T-2 je v souladu se směrnicí 2014/53/EU.

Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:
http://www.tokai-rika.co.jp/pc

Kmitočtové pásmo: 119 - 135 kHz
Maximální radiofrekvenční výkon: 55dBμA/m @10m

TOYOTA MOTOR CORPORATION potrjuje, da je tip radijske opreme TMLF19T-2 skladen z Direktivo 2014/53/EU.

Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:
http://www.tokai-rika.co.jp/pc

Frekvenčni pas: 119 - 135 kHz
Največja moč radijske frekvence: 55dBμA/m @10m

Aš, TOYOTA MOTOR CORPORATION, patvirtinu, kad radijo įrenginių tipas TMLF19T-2 atitinka Direktyvą 2014/53/ES.

Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:
http://www.tokai-rika.co.jp/pc

Dažnių juosta: 119 - 135 kHz
Didžiausia radijo dažnių galia: 55dBμA/m @10m

Ar šo TOYOTA MOTOR CORPORATION deklarē, ka radioiekārta TMLF19T-2 atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: http://www.tokai-rika.co.jp/pc Frekvenču josla: 119 - 135 kHz Maksimālā radiofrekvenču jauda: 55dBμA/m @10m
TOYOTA MOTOR CORPORATION niniejszym oświadcza, że typ urządzenia radiowego TMLF19T-2 jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: http://www.tokai-rika.co.jp/pc Zakres częstotliwości: 119 - 135 kHz Maksymalna moc częstotliwości radiowej: 55dBμA/m @10m
TOYOTA MOTOR CORPORATION lýsir því hér með yfir að fjarskiptatækið af gerð TMLF19T-2 er í samræmi við tilskipun 2014/53/EU. Öll ESB-samræmisyfirlýsingin er tiltæk á eftirfarandi vefslóð: http://www.tokai-rika.co.jp/pc Tíðnisvið: 119 - 135 kHz Hámarks útvarpsbylgjutíðni: 55dBμA/m @10m

TOYOTA MOTOR CORPORATION erklærer herved at radioutstyrtypen TMLF19T-2 er i samsvar med direktivet 2014/53/EU.

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

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

С настоящото TOYOTA MOTOR CORPORATION декларира, че този тип радиосъоръжение TMLF19T-2 е в съответствие с Директива 2014/53/ЕС.

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

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

Prin prezenta, TOYOTA MOTOR CORPORATION declară că tipul de echipamente radio TMLF19T-2 este în conformitate cu Directiva 2014/53/UE.

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

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

Ovime TOYOTA MOTOR CORPORATION potvrđuje da je radio-oprema tipa TMLF19T-2 u skladu sa Direktivom 2014/53/EU. Potpuni tekst EU deklaracije o usaglašenosti dostupan je na slijedećoj internet adresi: http://www.tokai-rika.co.jp/pc Frekvencijski opseg: 119 - 135 kHz Maksimalna radio-frekvencijska snaga: 55dBμA/m @10m
Me anë të këtij dokumenti, TOYOTA MOTOR CORPORATION deklaron se tipi i radiopajisjes TMLF19T-2 është në përputhje me Direktivën 2014/53/EU. Teksti i plotë i deklaratës së konformitetit të Bashkimit Evropian është i disponueshëm në adresën e mëposhtme të internetit: http://www.tokai-rika.co.jp/pc Brezi i frekuencës: 119 - 135 kHz Fuqia maksimale e radiofrekuencës: 55dBμA/m @10m
TOYOTA MOTOR CORPORATION ovime izjavljuje da je radijska oprema tipa TMLF19T-2 u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: http://www.tokai-rika.co.jp/pc Frekvencijski pojas: 119 - 135 kHz Maksimalna RF snaga: 55dBμA/m @10m

Ovim TOYOTA MOTOR CORPORATION potvrđuje da je radio-oprema tipa TMLF19T-2 u skladu sa Direktivom 2014/53/EU.

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

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

TOYOTA MOTOR CORPORATION, işbu belgeyle telsiz cihazı türünün TMLF19T-2 2014/53/EU nolu Direktif ile uyumlu olduğunu beyan etmektedir.

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

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

CE

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

Hereby, TOYOTA MOTOR CORPORATION declares that the radio equipment type TMLF19T-2 is in compliance with Radio Equipment Regulations 2017.

The full text of the UK declaration of conformity is available at the following internet address:
http://www.tokai-rika.co.jp/pc

Frequency band: 119 - 135 kHz
Maximum radio-frequency power: 55dBμA/m @10m

UK
CA

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

▶ Smart entry & start system

Hereby, TOYOTA MOTOR CORPORATION declares that the radio equipment type TMLF19T-2 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:
http://www.tokai-rika.co.jp/pc

Frequency band: 119 - 135 kHz
Maximum radio-frequency power: 55dBμA/m @10m

TOYOTA MOTOR CORPORATION vakuuttaa, että radiolaitetyyppi TMLF19T-2 on direktiivin 2014/53/EU mukainen.

EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:
http://www.tokai-rika.co.jp/pc

Radiotaajuus: 119 - 135 kHz
suurin mahdollinen lähetysteho: 55dBμA/m @10m

Hierbij verklaar ik, TOYOTA MOTOR CORPORATION, dat het type radioapparatuur TMLF19T-2 conform is met Richtlijn 2014/53/EU.

De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:
http://www.tokai-rika.co.jp/pc

Frequentieband: 119 - 135 kHz
Maximaal radiofrequentievermogen: 55dBμA/m @10m

Le soussigné, TOYOTA MOTOR CORPORATION, déclare que l'équipement radioélectrique du type TMLF19T-2 est conforme à la directive 2014/53/UE.

Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:
http://www.tokai-rika.co.jp/pc

Bande de fréquences: 119 - 135 kHz
Puissance de radiofréquence maximale: 55dBμA/m @10m

Härmed försäkrar TOYOTA MOTOR CORPORATION att denna typ av radioutrustning TMLF19T-2 överensstämmer med direktiv 2014/53/EU.

Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:
http://www.tokai-rika.co.jp/pc

Frekvensband: 119 - 135 kHz
Maximal radiofrekvenseffekt: 55dBμA/m @10m

Hermed erklærer TOYOTA MOTOR CORPORATION, at radioudstyrstypen TMLF19T-2 er i overensstemmelse med direktiv 2014/53/EU.

EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:
http://www.tokai-rika.co.jp/pc

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

Hiermit erklärt TOYOTA MOTOR CORPORATION, dass der Funkanlagentyp TMLF19T-2 der Richtlinie 2014/53/EU entspricht.

Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:
http://www.tokai-rika.co.jp/pc

Frequenzband: 119 - 135 kHz
Abgestrahlte maximale Sendeleistung: 55dBμA/m @10m

Με την παρούσα ο/η TOYOTA MOTOR CORPORATION, δηλώνει ότι ο ραδιοεξοπλισμός TMLF19T-2 πληροί την οδηγία 2014/53/ΕΕ.

Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:
http://www.tokai-rika.co.jp/pc

Ζώνη συχνοτήτων: 119 - 135 kHz
Μέγιστη ισχύς ραδιοσυχνότητας: 55dBμA/m @10m

Il fabbricante, TOYOTA MOTOR CORPORATION, dichiara che il tipo di apparecchiatura radio TMLF19T-2 è conforme alla direttiva 2014/53/UE.

Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:
http://www.tokai-rika.co.jp/pc

Banda di frequenza: 119 - 135 kHz
Potenza massima radiofrequenza: 55dBμA/m @10m

Por la presente, TOYOTA MOTOR CORPORATION declara que el tipo de equipo radioeléctrico TMLF19T-2 es conforme con la Directiva 2014/53/UE.

El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:
http://www.tokai-rika.co.jp/pc

Banda de frecuencia: 119 - 135 kHz
Potencia máxima de radiofrecuencia: 55dBμA/m @10m

O(a) abaixo assinado(a) TOYOTA MOTOR CORPORATION declara que o presente tipo de equipamento de rádio TMLF19T-2 está em conformidade com a Diretiva 2014/53/UE.

O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:
http://www.tokai-rika.co.jp/pc

Banda de frequência: 119 - 135 kHz
Potência máxima de radiofrequências: 55dBμA/m @10m

B'dan, TOYOTA MOTOR CORPORATION, niddikjara li dan it-tip ta' tagħmir tar-radju TMLF19T-2 huwa konformi mad-Direttiva 2014/53/UE.

It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej:
http://www.tokai-rika.co.jp/pc

Tíðnisvið: 119 - 135 kHz
Hámarks útvarpsbylgjutíðni: 55dBμA/m @10m

Käesolevaga deklareerib TOYOTA MOTOR CORPORATION, et käesolev raadioseadme tüüp TMLF19T-2 vastab direktiivi 2014/53/EL nõuetele.

ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:
http://www.tokai-rika.co.jp/pc

Sagedusriba: 119 - 135 kHz
Maksimaalne saatevõimsus: 55dBµA/m @10m

TOYOTA MOTOR CORPORATION igazolja, hogy a TMLF19T-2 típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.

Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:
http://www.tokai-rika.co.jp/pc

Frekvenciasáv: 119 - 135 kHz
Maximális jelerősség: 55dBµA/m @10m

TOYOTA MOTOR CORPORATION týmto vyhlasuje, že rádiové zariadenie typu TMLF19T-2 je v súlade so smernicou 2014/53/EÚ.

Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:
http://www.tokai-rika.co.jp/pc

Frekvenčné pásmo: 119 - 135 kHz
Maximálny rádiofrekvenčný výkon: 55dBµA/m @10m

Tímto TOYOTA MOTOR CORPORATION prohlašuje, že typ rádiového zařízení TMLF19T-2 je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: http://www.tokai-rika.co.jp/pc Kmitočtové pásmo: 119 - 135 kHz Maximální radiofrekvenční výkon: 55dBμA/m @10m
TOYOTA MOTOR CORPORATION potrjuje, da je tip radijske opreme TMLF19T-2 skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: http://www.tokai-rika.co.jp/pc Frekvenčni pas: 119 - 135 kHz Največja moč radijske frekvence: 55dBμA/m @10m
Aš, TOYOTA MOTOR CORPORATION, patvirtinu, kad radijo įrenginių tipas TMLF19T-2 atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: http://www.tokai-rika.co.jp/pc Dažnių juosta: 119 - 135 kHz Didžiausia radijo dažnių galia: 55dBμA/m @10m

Ar šo TOYOTA MOTOR CORPORATION deklarē, ka radioiekārta TMLF19T-2 atbilst Direktīvai 2014/53/ES.

Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:
http://www.tokai-rika.co.jp/pc

Frekvenču josla: 119 - 135 kHz
Maksimālā radiofrekvenču jauda: 55dBμA/m @10m

TOYOTA MOTOR CORPORATION niniejszym oświadcza, że typ urządzenia radiowego TMLF19T-2 jest zgodny z dyrektywą 2014/53/UE.

Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:
http://www.tokai-rika.co.jp/pc

Zakres częstotliwości: 119 - 135 kHz
Maksymalna moc częstotliwości radiowej: 55dBμA/m @10m

TOYOTA MOTOR CORPORATION lýsir því hér með yfir að fjarskiptatækið af gerð TMLF19T-2 er í samræmi við tilskipun 2014/53/EU.

Öll ESB-samræmisyfirlýsingin er tiltæk á eftirfarandi vefslóð:
http://www.tokai-rika.co.jp/pc

Tíðnisvið: 119 - 135 kHz
Hámarks útvarpsbylgjutíðni: 55dBμA/m @10m

TOYOTA MOTOR CORPORATION erklærer herved at radioutstyrtypen TMLF19T-2 er i samsvar med direktivet 2014/53/EU.

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

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

С настоящото TOYOTA MOTOR CORPORATION декларира, че този тип радиосъоръжение TMLF19T-2 е в съответствие с Директива 2014/53/ЕС.

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

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

Prin prezenta, TOYOTA MOTOR CORPORATION declară că tipul de echipamente radio TMLF19T-2 este în conformitate cu Directiva 2014/53/UE.

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

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

Ovime TOYOTA MOTOR CORPORATION potvrđuje da je radio-oprema tipa TMLF19T-2 u skladu sa Direktivom 2014/53/EU.

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

Frekvencijski opseg: 119 - 135 kHz
Maksimalna radio-frekvencijska snaga: 55dBμA/m @10m

Me anë të këtij dokumenti, TOYOTA MOTOR CORPORATION deklaron se tipi i radiopajisjes TMLF19T-2 është në përputhje me Direktivën 2014/53/EU.

Teksti i plotë i deklaratës së konformitetit të Bashkimit Evropian është i disponueshëm në adresën e mëposhtme të internetit:
http://www.tokai-rika.co.jp/pc

Brezi i frekuencës: 119 - 135 kHz
Fuqia maksimale e radiofrekuencës: 55dBμA/m @10m

TOYOTA MOTOR CORPORATION ovime izjavljuje da je radijska oprema tipa TMLF19T-2 u skladu s Direktivom 2014/53/EU.

Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:
http://www.tokai-rika.co.jp/pc

Frekvencijski pojas: 119 - 135 kHz
Maksimalna RF snaga: 55dBμA/m @10m

Ovim TOYOTA MOTOR CORPORATION potvrđuje da je radio-oprema tipa TMLF19T-2 u skladu sa Direktivom 2014/53/EU.

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

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

TOYOTA MOTOR CORPORATION, işbu belgeyle telsiz cihazı türünün TMLF19T-2 2014/53/EU nolu Direktif ile uyumlu olduğunu beyan etmektedir.

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

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

CE

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

Hereby, TOYOTA MOTOR CORPORATION declares that the radio equipment type TMLF19T-2 is in compliance with Radio Equipment Regulations 2017.

The full text of the UK declaration of conformity is available at the following internet address:
http://www.tokai-rika.co.jp/pc

Frequency band: 119 - 135 kHz
Maximum radio-frequency power: 55dBμA/m @10m

UK
CA

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

Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type B3H2K2R 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: 10 mW(ERP)

TOKAI RIKA CO., LTD. vakuuttaa, että radiolaitetyyppi B3H2K2R 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: 10 mW(ERP)

Hierbij verklaar ik, TOKAI RIKA CO., LTD., dat het type radioapparatuur B3H2K2R 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: 10 mW(ERP)

Le soussigné, TOKAI RIKA CO., LTD., déclare que l'équipement radioélectrique du type B3H2K2R 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: 10 mW(ERP)

Härmed försäkrar TOKAI RIKA CO., LTD. att denna typ av radioutrustning B3H2K2R 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: 10 mW(ERP)

Hermed erklærer TOKAI RIKA CO., LTD., at radioudstyrstypen B3H2K2R 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: 10 mW(ERP)

Hiermit erklärt TOKAI RIKA CO., LTD., dass der Funkanlagentyp B3H2K2R 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: 10 mW(ERP)
Με την παρούσα ο/η TOKAI RIKA CO., LTD., δηλώνει ότι ο ραδιοεξοπλισμός B3H2K2R 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: 10 mW(ERP)
Il fabbricante, TOKAI RIKA CO., LTD., dichiara che il tipo di apparecchiatura radio B3H2K2R 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: 10 mW(ERP)

Por la presente, TOKAI RIKA CO., LTD. declara que el tipo de equipo radioeléctrico B3H2K2R 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: 10 mW(ERP)

O(a) abaixo assinado(a) TOKAI RIKA CO., LTD. declara que o presente tipo de equipamento de rádio B3H2K2R 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: 10 mW(ERP)

B'dan, TOKAI RIKA CO., LTD., niddikjara li dan it-tip ta' tagħmir tar-radju B3H2K2R 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: 10 mW(ERP)

Käesolevaga deklareerib TOKAI RIKA CO., LTD., et käesolev raadioseadme tüüp B3H2K2R 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: 10 mW(ERP)
TOKAI RIKA CO., LTD. igazolja, hogy a B3H2K2R 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: 10 mW(ERP)
TOKAI RIKA CO., LTD. týmto vyhlasuje, že rádiové zariadenie typu B3H2K2R 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: 10 mW(ERP)

Tímto TOKAI RIKA CO., LTD. prohlašuje, že typ rádiového zařízení B3H2K2R 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: 10 mW(ERP)
TOKAI RIKA CO., LTD. potrjuje, da je tip radijske opreme B3H2K2R 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: 10 mW(ERP)
Aš, TOKAI RIKA CO., LTD., patvirtinu, kad radijo įrenginių tipas B3H2K2R 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: 10 mW(ERP)

Ar šo TOKAI RIKA CO., LTD. deklarē, ka radioiekārta B3H2K2R 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: 10 mW(ERP)
TOKAI RIKA CO., LTD. niniejszym oświadcza, że typ urządzenia radiowego B3H2K2R 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: 10 mW(ERP)
TOKAI RIKA CO., LTD. lýsir því hér með yfir að fjarskiptatækið af gerð B3H2K2R 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: 10 mW(ERP)

TOKAI RIKA CO., LTD. erklærer herved at radioutstyrtypen B3H2K2R 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: 10 mW(ERP)

С настоящото TOKAI RIKA CO., LTD. декларира, че този тип радиосъоръжение B3H2K2R е в съответствие с Директива 2014/53/EC.

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

Радиочестотна лента: 433.050 - 434.790 MHz
Максимална радиочестотна мощност: 10 mW(ERP)

Prin prezenta, TOKAI RIKA CO., LTD. declară că tipul de echipamente radio B3H2K2R 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: 10 mW(ERP)

Ovime TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa B3H2K2R 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: 10 mW(ERP)
Me anë të këtij dokumenti, TOKAI RIKA CO., LTD. deklaron se tipi i radiopajisjes B3H2K2R 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: 10 mW(ERP)
TOKAI RIKA CO., LTD. ovime izjavljuje da je radijska oprema tipa B3H2K2R 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: 10 mW(ERP)

Ovim TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa B3H2K2R 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: 10 mW(ERP)

TOKAI RIKA CO., LTD., işbu belgeyle telsiz cihazı türünün B3H2K2R 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: 10 mW(ERP)

CE

Address: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

⚠: This mark is a safety/warning mark.
・Do not ingest battery.
Chemical Burn Hazard
・This product contains a coin / button cell battery.
・If the coin / button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
・Keep new and used batteries away from children.
・If the battery compartment does not close securely, stop using the product and keep it away from children.
・If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
CAUTION
・Risk of explosion if the battery is replaced by an incorrect type.
・Replace battery with the same type.
CAUTION
・Risk of explosion or the leakage of flammable liquid or gas.

・Do not use in /store in /bring into environment of extremely high temperature or extremely low pressure due to the very high altitude.
・Do not attempt to burn, crush, or cut used battery.

⚠ : Tämä on turva-/varoitusmerkki.
・Paristoa ei saa laittaa suuhun.
Kemiallisen palovamman vaara
・Laitteessa on kolikko-/nappiparisto.
・Elimistöön joutunut kolikko-/nappiparisto voi aiheuttaa vakavia sisäisiä palovammoja vain 2 tunnissa, jolloin seurauksena voi olla hengen menetys.
・Uudet ja käytetyt paristot on pidettävä poissa lasten ulottuvilta.
・Jos paristolokero ei sulkeudu kunnolla, laitteen käyttö on lopetettava, ja laite on pidettävä poissa lasten ulottuvilta.
・Jos on syytä epäillä, että paristo on nielaistu tai muuten päässyt elimistöön, ota välittömästi yhteyttä lääkäriin.
TÄRKEÄ HUOMAUTUS
・Käytetyn pariston vaihtaminen tyypiltään väärään voi aiheuttaa räjähdysvaaran.
・Vaihda paristo tyypiltään samanlaiseen.
TÄRKEÄ HUOMAUTUS
・Räjähdysvaara tai syttyvän nesteen tai kaasun vuotovaara.

・Ei saa käyttää/säilyttää/tuoda lämpötilaltaan tai merenpinnasta mitattuna erittäin korkeaan ympäristöön, jossa ilmanpaine on erittäin alhainen.
・Käytettyä paristoa ei saa polttaa, murskata tai halkaista.

⚠ : Dit teken is een veiligheids-/waarschuwingsteken.
・Slik de batterij niet in.
Risico op chemische brandwonden
・Dit product bevat een munt-/knoopcelbatterij.
・Als de munt-/knoopcelbatterij wordt ingeslikt, kan het al binnen 2 uur ernstige interne brandwonden veroorzaken en de dood tot gevolg hebben.
・Houd nieuwe en gebruikte batterijen buiten bereik van kinderen.
・Als het batterijcompartiment niet goed sluit, stop dan met het gebruik van het product en houd het buiten bereik van kinderen.
・Als u denkt dat batterijen zijn ingeslikt of in enig deel van het lichaam zijn gestopt, roep dan onmiddellijk medische hulp in.
VOORZICHTIG
・Er bestaat een risico op ontploffing als de batterij wordt vervangen door een verkeerd type.
・Vervang de batterij door een van hetzelfde type.
VOORZICHTIG
・Er bestaat een risico op ontploffing of lekkage van brandbare vloeistof of gas.

・Niet gebruiken in/bewaren in/meenemen naar een omgeving met extreem hoge temperatuur of met extreem lage druk als gevolg van zeer grote hoogte.
・Een gebruikte batterij niet verbranden, platdrukken, of doorsnijden.

⚠ : Ce pictogramme est une marque de sécurité/avertissement.
・Ne pas ingérer la pile.
Risques de brûlure chimique
・Ce produit contient une pile bouton.
・Si la pile bouton est avalée, elle peut causer de graves brûlures internes en seulement 2 heures et peut entraîner la mort.
・Conservez les piles neuves et usagées hors de portée des enfants.
・Si le compartiment de la pile ne ferme pas correctement, cessez d'utiliser le produit et conservez-le hors de portée des enfants.
・Si vous pensez que des piles ont pu être avalées ou placées à l'intérieur d'une partie du corps, consultez immédiatement un médecin.
AVERTISSEMENT
・Risque d'explosion si la pile est remplacée par un type incorrect.
・Remplacez la pile par une pile du même type.
AVERTISSEMENT
・Risque d'explosion ou de fuite de liquide ou de gaz inflammable.

・Ne jamais utiliser, stocker, placer dans un environnement à la température extrêmement élevée ou à la pression extrêmement basse en raison d'une très haute altitude.
・Ne jamais essayer de brûler, écraser ou couper des piles usagées.

⚠: Det här märket är ett säkerhets-/varningsmärke.
・Förtär inte batteriet.
Risk för kemisk brännskada
・Den här produkten innehåller ett mynt-/knappbatteri.
・Om mynt-/knappbatteriet sväljs kan det orsaka allvarliga interna brännskador på bara två timmar, vilket kan leda till dödsfall.
・Håll nya och använda batterier borta från barn.
・Om batterifacket inte stängs ordentligt, sluta använda produkten och håll den undan från barn.
・Om du misstänker att batterier har svalts eller placerats inuti någon del av kroppen, sök omedelbart läkarvård.
VARNING
・Risk för explosion om batteriet byts ut mot ett av fel typ.
・Byt ut batteriet mot ett av samma typ.
VARNING
・Risk för explosion eller läckage av brandfarliga vätskor och gaser.

・Använd inte, förvara inte och ta inte in i miljö med extremt hög temperatur eller extremt lågt tryck p.g.a. hög höjd.
・Försök inte bränna, krossa eller skära använt batteri.

⚠ : Dette mærke er et sikkerheds-/advarselsmærke.
・Batteriet må ikke indtages.
Fare for kemisk forbrænding
・Dette produkt indeholder et mønt-/knapcellebatteri.
・Hvis mønt-/knapcellebatteriet sluges, kan det medføre alvorlige indre forbrændinger i løbet af kun 2 timer og kan føre til dødsfald.
・Opbevar nye og brugte batterier utilgængeligt for børn.
・Hvis batterirummet ikke kan lukkes ordentligt, skal du indstille brugen af produktet og opbevare det utilgængeligt for børn.
・Hvis du har mistanke om, at der måske er blevet slugt batterier, eller batterier på anden måde er kommet ind i kroppen, skal du øjeblikkeligt søge lægehjælp.
FORSIGTIG
・Risiko for eksplosion, hvis batteriet udskiftes med en forkert type.
・Udskift batteriet med et batteri af samme type.
FORSIGTIG
・Risiko for eksplosion eller lækage af brændbar væske eller gas.

・Må ikke anvendes på/opbevares på/tages med til meget varme steder eller steder med meget lavt tryk som følge af ekstreme højder.
・Forsøg ikke at brænde, knuse eller adskille brugte batterier.

⚠: Dieses Symbol ist ein Sicherheits-/Warnsymbol.

・Verschlucken Sie die Batterie nicht.

Verätzungsgefahr

・Dieses Produkt enthält eine Knopfzellenbatterie.

・Falls die Knopfzellenbatterie verschluckt wird, kann dies innerhalb von nur 2 Stunden schwere innere Verätzungen verursachen und zum Tode führen.

・Halten Sie neue und gebrauchte Batterien von Kindern fern.

・Falls sich das Batteriefach nicht sicher schließen lässt, stellen Sie die Verwendung des Produkts ein und halten Sie es von Kindern fern.

・Falls Sie glauben, dass Batterien eventuell verschluckt oder in einen Teil des Körpers eingeführt worden sind, begeben Sie sich sofort in ärztliche Behandlung.

ACHTUNG

・Es besteht Explosionsgefahr, falls die Batterie durch eine Batterie der falschen Art ersetzt wird.

・Ersetzen Sie Batterien nur durch die gleiche Art.

ACHTUNG

・Es besteht Explosionsgefahr oder die Gefahr eines Austritts von brennbarer Flüssigkeit oder entzündlichem Gas.

・Das Produkt darf nicht in Umgebungen mit hohen Temperaturen oder extrem niedrigem Luftdruck aufgrund von extremen Höhenlagen verwendet / aufbewahrt / gebracht werden.

・Versuchen Sie nicht, gebrauchte Batterien zu verbrennen, zu zerstoßen oder zu schneiden.

⚠: Το σήμα αυτό είναι ένα σήμα ασφαλείας/προειδοποίησης.

・Μην καταπίνετε την μπαταρία.

Κίνδυνος χημικού εγκαύματος

・Αυτό το προϊόν περιέχει μια μπαταρία σχήματος νομίσματος / κουμπιού.

・Αν η μπαταρία σχήματος νομίσματος / κουμπιού καταποθεί, μπορεί να προκαλέσει σοβαρά εσωτερικά εγκαύματα σε μόλις 2 ώρες και μπορεί να επέλθει θάνατος.

・Διατηρείτε τις καινούργιες και τις χρησιμοποιημένες μπαταρίες μακριά από παιδιά.

・Εάν το διαμέρισμα της μπαταρίας δεν κλείνει καλά, σταματήστε τη χρήση του προϊόντος και κρατήστε το μακριά από παιδιά.

・Αν νομίζετε ότι οι μπαταρίες ενδέχεται να έχουν καταποθεί ή τοποθετηθεί μέσα σε οποιοδήποτε μέρος του σώματος, ζητήστε αμέσως ιατρική φροντίδα.

ΠΡΟΣΟΧΗ

・Υπάρχει κίνδυνος έκρηξης εάν η μπαταρία αντικατασταθεί με μπαταρία εσφαλμένου τύπου.

・Αντικαταστήστε την μπαταρία με μπαταρία του ίδιου τύπου.

ΠΡΟΣΟΧΗ

・Υπάρχει κίνδυνος έκρηξης ή διαρροής εύφλεκτων υγρών ή αερίων.

・Μη χρησιμοποιείτε / αποθηκεύετε / μεταφέρετε το προϊόν σε περιβάλλον με εξαιρετικά υψηλή θερμοκρασία ή εξαιρετικά χαμηλή πίεση λόγω πολύ μεγάλου υψομέτρου.

・Μην επιχειρήσετε να κάψετε, να συνθλίψετε ή να κόψετε μια χρησιμοποιημένη μπαταρία.

⚠ : Questo è un simbolo di sicurezza/avvertenza.

・Non ingerire la batteria.

Pericolo di ustioni chimiche

・Questo prodotto contiene una batteria a bottone/moneta.

・Se la batteria a bottone/moneta viene ingerita, può causare gravi ustioni interne in sole 2 ore e provocare la morte.

・Tenere le batterie nuove e usate lontano dalla portata dei bambini.

・Se il vano batteria non si chiude in modo saldo, interrompere l'utilizzo del prodotto e tenerlo lontano dalla portata dei bambini.

・Se si ritiene che le batterie siano state ingerite o inserite in qualsiasi parte del corpo, consultare immediatamente un medico.

ATTENZIONE

・Rischio di esplosione in caso di sostituzione della batteria con una di tipo errato.

・Sostituire la batteria con una dello stesso tipo.

ATTENZIONE

・Rischio di esplosione o di perdita di liquidi o gas infiammabili.

・Non utilizzare / immagazzinare / portare in ambienti con temperatura estremamente alta o pressione estremamente a causa dell'elevata altitudine.

・Non provare a bruciare, schiacciare o tagliare la batteria usata.

⚠: Este símbolo es un símbolo de seguridad/precaución.
・No ingerir la batería.
Peligro de quemadura química
・Este producto contiene una batería de pila de botón.
・Si se ingiere la batería de pila de botón, esta puede causar graves quemaduras internas en solo 2 horas y puede provocar la muerte.
・Mantenga las baterías nuevas y usadas alejadas de los niños.
・Si el compartimento de la batería no se cierra correctamente, deje de usar el producto y manténgalo alejado de los niños.
・Si cree que las baterías hayan podido ser ingeridas o introducidas en alguna parte del cuerpo, busque inmediatamente atención médica.
ATENCIÓN
・Riesgo de explosión si la batería es reemplazada por una del tipo incorrecto.
・Reemplace la batería por una del mismo tipo.
ATENCIÓN
・Riesgo de explosión o escape de líquido o gas inflamable.

・No usar / almacenar / introducir en un ambiente de temperatura extremadamente alta o de presión extremadamente baja a causa de la alta altitud.
・No intente quemar, aplastar, o cortar la batería usada.

⚠: Esta marca é uma marca de segurança/aviso.
・Não ingerir a pilha.
Perigo de Queimadura Química
・Este produto contém uma pilha de tipo moeda/botão.
・Se a pilha de tipo moeda/botão for engolida, poderá causar queimaduras internas graves em apenas 2 horas e levar à morte.
・Manter as pilhas novas e usadas longe de crianças.
・Se o compartimento da pilha não se fechar completamente, cessar a utilização do produto e manter fora do alcance das crianças.
・Caso seja possível que as pilhas tenham sido engolidas ou colocadas dentro de qualquer parte do corpo, procurar cuidados médicos imediatamente.
CUIDADO
・Risco de explosão se a pilha for substituída por uma de tipo incorreto.
・Substituir a pilha por uma do mesmo tipo.
CUIDADO
・Risco de explosão ou fuga de líquidos ou gases inflamáveis.

・Não utilizar/armazenar/colocar em ambiente de temperatura extremamente alta, ou pressão extremamente baixa devido a altitude muito alta.
・Não tentar queimar, esmagar ou cortar a pilha usada.

⚠: Din il-marka hija marka ta' sigurtá/twissija.
・Tiblax il-batterija.
Periklu ta' Ħruq Kimiku
・Dan il-prodott fih batterija munita / button cell.
・Jekk tinbela' l-batterija munita / button cell, tista' tikkawża ħruq intern sever f'temp ta' sagħtejn biss u tista' twassal għall-mewt.
・Żomm il-batteriji ġodda u użati 'l bogħod mit-tfal.
・Jekk il-kompartiment tal-batterija ma jagħlaqx sew, waqqaf l-użu tal-prodott u żommu 'l bogħod mit-tfal.
・Jekk taħseb li l-batteriji setgħu nbelgħu jew tpoġġew ġewwa xi parti tal-ġisem, fittex attenzjoni medika immedjata.
ATTENZJONI
・Riskju ta' splużjoni jekk il-batterija tiġi ssostitwita b'tip inkorrett.
・Ibdel il-batterija bl-istess tip.
ATTENZJONI
・Riskju ta' splużjoni jew tnixxija ta' likwidu jew gass fjammabbli.

・Tużahx / taħżnux / iġġibux f'ambjent ta' temperatura estremament għolja jew pressjoni estremament baxxa minħabba l-altitudni għolja ħafna.
・Tippruvax taħraq, tfarrak jew tqatta' l-batteriji użati.

⚠: See märk on ohutus-/hoiatusmärk.
・Ärge patareid alla neelake.
Keemilise põletuse oht
・See toode sisaldab mündi/nööbi tüüpi elemendiga patareid.
・Mündi/nööbi tüüpi elemendiga patarei allaneelamine võib põhjustada raskeid sisemisi põletusi juba 2 tunni jooksul ning võib lõppeda surmaga.
・Hoidke uued ja kasutatud patareid lastele kättesaamatus kohas.
・Kui patareipesa ei sulgu kindlalt, lõpetage toote kasutamine ja hoidke seda lastele kättesaamatus kohas.
・Kui te arvate, et patareid võivad olla alla neelatud või mistahes kehaossa sattunud, pöörduge viivitamatult arsti poole.
ETTEVAATUST
・Plahvatusoht vahetamisel vale tüüpi patareiga.
・Vahetage sama tüüpi patareiga.
ETTEVAATUST
・Plahvatuse või tuleohtliku vedeliku või gaasi lekke oht.

・Ärge kasutage, hoidke ega tooge keskkonda eriti kõrge temperatuuriga või eriti madala rõhuga väga suure kõrguse tõttu merepinnast.
・Ärge üritage põletada, purustada ega lõigata kasutatud patareid.

⚠ : Ez a jelzés biztonsági/figyelmeztető jelzés.
・Ne nyelje le az elemet.
Vegyi anyag okozta égésisérülés-veszély
・Ez a termék gombelemet tartalmaz.
・Amennyiben a gombelemet lenyeli, az mindössze 2 órán belül komoly belső égési sérüléseket okozhat és halálhoz vezethet.
・Az új és használt elemeket tartsa távol a gyermekektől.
・Amennyiben az elemtartó rekesz nem zárható biztonságosan, függessze fel a termék használatát és tartsa gyermekektől távol.
・Amennyiben úgy véli, hogy az elemet lenyelték vagy bármely testrészbe helyezték, haladéktalanul forduljon orvoshoz.
VIGYÁZAT
・Nem megfelelő típusú csereelem használata robbanásveszélyes.
・Az elemcseréhez azonos típusú elemet használjon.
VIGYÁZAT
・Robbanásveszély vagy gyúlékony folyadékok vagy gázok szivárgása.

・Ne használja/ne tárolja/ne helyezze szélsőségesen magas hőmérsékletű környezetbe, és ne tegye ki a nagy magasságokban kialakuló rendkívül alacsony nyomásnak.
・A használt elemet ne kísérelje meg elégetni, összezúzni vagy szétvágni.

⚠ : Toto je bezpečnostná/výstražná značka.
・Dbajte na to, aby nedošlo k prehltnutiu batérie.
Nebezpečenstvo poleptania chemikáliou
・Tento výrobok obsahuje mincovú/gombíkovú batériu.
・Ak dôjde k prehltnutiu mincovej/gombíkovej batérie, už v priebehu 2 hodín môže spôsobiť vážne vnútorné poleptanie a viesť k usmrteniu.
・Nové a použité batérie uchovávajte mimo dosahu detí.
・Ak sa priestor pre batériu nezatvorí bezpečne, prestaňte používať výrobok a uchovávajte ho mimo dosahu detí.
・Ak si myslíte, že mohlo dôjsť k prehltnutiu batérií alebo ich umiestneniu do ktorejkoľvek časti tela, okamžite vyhľadajte lekársku pomoc.
UPOZORNENIE
・Hrozí nebezpečenstvo výbuchu, ak sa batéria vymení za nesprávny typ.
・Vymeňte batériu za rovnaký typ.
UPOZORNENIE
・Nebezpečenstvo výbuchu alebo úniku horľavej kvapaliny alebo horľavého plynu.

・Nepoužívajte/neskladujte v prostredí/neprinášajte do prostredia s mimoriadne vysokou teplotou, alebo mimoriadne nízkym tlakom v dôsledku veľmi vysokej nadmorskej výšky.
・Nepokúšajte sa spáliť, rozdrviť ani rozrezať použitú batériu.

⚠ : Tento symbol je bezpečnostním/výstražným symbolem.
・Baterii nepolykejte.
Nebezpečí chemických popálenin
・Tento výrobek obsahuje mincovou/knoflíkovou baterii.
・Pokud dojde ke spolknutí mincové/knoflíkové baterie, může za pouhé 2 hodiny způsobit závažné vnitřní popáleniny a v jejich důsledku případně i smrt.
・Použité a nové baterie udržujte mimo dosah dětí.
・Pokud nelze prostor pro baterii pevně uzavřít, přestaňte výrobek používat a udržujte jej mimo dosah dětí.
・Pokud si myslíte, že mohlo dojít ke spolknutí baterie nebo jejímu vsunutí dovnitř kterékoliv části těla, okamžitě vyhledejte lékařskou pomoc.
UPOZORNĚNÍ
・Nebezpečí výbuchu v případě výměny baterie za nesprávný druh baterie.
・Proto baterii vždy vyměňte za jinou stejného typu.
UPOZORNĚNÍ
・Nebezpečí výbuchu nebo úniku hořlavé kapaliny či plynu.

・Nepoužívejte/neskladujte/nepřinášejte je do prostředí s nesmírně vysokou teplotou nebo nesmírně nízkým tlakem zapříčiněným vysokou nadmořskou výškou.
・Nesnažte se baterii spálit, rozdrtit či rozříznout.

⚠ : Ta oznaka je varnostna/opozorilna oznaka.
・Ne zaužijte baterije.
Nevarnost kemijske opekline
・Ta izdelek vsebuje gumbasto baterijo.
・Če se gumbasto baterijo zaužije, lahko to povzroči hude notranje opekline v le 2 urah in lahko vodi v smrt.
・Nove in rabljene baterije hranite izven dosega otrok.
・Če se predalček za baterijo ne zapira pravilno, prenehajte z uporabo izdelka in ga hranite izven dosega otrok.
・Če sumite, da je morda nekdo zaužil baterijo ali jo dal v kateri koli del telesa, takoj poiščite zdravniško pomoč.
POZOR
・Nevarnost eksplozije, če baterijo zamenjate z baterijo napačne vrste.
・Zamenjajte baterijo z istim tipom.
POZOR
・Tveganje za eksplozijo ali puščanje vnetljivih tekočin ali plinov.

・Ne uporabljajte/shranjujte/prinašajte v okolje izredno visoke temperature ali izredno nizkega tlaka zaradi zelo visoke nadmorske višine.
・Ne poskušajte zažigati, uničiti, ali rezati rabljene baterije.

⚠: Šis ženklas yra saugos/įspėjamasis ženklas.
・Neprarykite baterijos.
Cheminio nudegimo pavojus
・Šiame gaminyje yra monetos/sagos formos baterija.
・Prarijęs monetos/sagos formos bateriją, asmuo per 2 valandas gali patirti sunkius vidinius nudegimus ir netgi mirti.
・Naujas ir panaudotas baterijas laikykite vaikams nepasiekiamoje vietoje.
・Jei baterijų skyrelio nepavyksta tvirtai uždaryti, nebenaudokite gaminio ir laikykite jį vaikams nepasiekiamoje vietoje.
・Jei manote, kad baterijos buvo prarytos arba pateko į kūną, nedelsdami kreipkitės į gydytoją.
PERSPĖJIMAS
・Bateriją pakeitus netinkamo tipo baterija, kyla sprogimo pavojus.
・Pakeiskite seną bateriją tik to paties tipo nauja baterija.
PERSPĖJIMAS
・Sprogimo arba degių skysčių ar dujų nuotėkio pavojus.

・Negalima naudoti/laikyti/turėti labai aukštos temperatūros arba labai dideliame aukštyje esančioje itin žemo slėgio aplinkoje.
・Naudotos baterijos nebandykite deginti, ardyti ar perpjauti.

⚠ : Šī zīme ir drošības/brīdinājuma zīme.
・Nenorijiet bateriju.
Ķīmisku apdegumu briesmas
・Šis izstrādājums satur tabletes tipa bateriju.
・Ja ir norīta tabletes tipa baterija, tā 2 stundu laikā var radīt smagus apdegumus un izraisīt nāvi.
・Jaunas un lietotas baterijas uzglabājiet bērniem nepieejamā vietā.
・Ja bateriju nodalījumu nevar droši aizvērt, pārtrauciet lietot izstrādājumu un novietojiet to bērniem nepieejamā vietā.
・Ja jūsuprāt baterijas ir norītas vai ievietotas kādā ķermeņa daļā, nekavējoties vērsieties pēc medicīniskās palīdzības.
UZMANĪBU!
・Eksplozijas risks, ja baterija tiek nomainīta ar nepareiza tipa bateriju.
・Bateriju nomainiet pret tāda paša tipa bateriju.
UZMANĪBU!
・Eksplozijas vai uzliesmojoša šķidruma vai gāzes noplūdes risks.

・Nelietojiet, neuzglabājiet un neievietojiet vidē ar ļoti augstu temperatūru, kā arī vidē, kur ļoti lielā augstuma virs jūras līmeņa dēļ ir ļoti zems spiediens.
・Nemēģiniet sadedzināt, sagraut vai sagriezt nolietoto bateriju.

⚠ : ten symbol oznacza niebezpieczeństwo/ostrzeżenie.
・Nie połykać baterii.
Ryzyko oparzenia chemicznego
・Ten produkt zawiera baterię guzikową.
・Połknięta bateria guzikowa może spowodować poważne oparzenia wewnętrzne w czasie jedynie 2 godzin i prowadzić do śmierci.
・Przechowywać nowe i zużyte baterie z dala od dzieci.
・Jeśli solidne zamknięcie komory baterii jest niemożliwe, zaprzestać użytkowania produktu i przechowywać go w miejscu niedostępnym dla dzieci.
・W przypadku podejrzenia, że mogło dojść do połknięcia baterii lub ich umieszczenia w dowolnym otworze ciała, niezwłocznie uzyskać pomoc lekarską.
PRZESTROGA
・Istnieje ryzyko wybuchu, jeśli bateria zostanie zastąpiona baterią niewłaściwego typu.
・Wymieniać baterię na baterię tego samego typu.
PRZESTROGA
・Ryzyko wybuchu lub wycieku łatwopalnego płynu lub gazu.

・Nie używać i nie przechowywać w otoczeniu o skrajnie wysokiej temperaturze lub skrajnie niskim ciśnieniu wynikającym z bardzo dużej wysokości ani nie wnosić do takiego otoczenia.
・Nie podejmować prób spalenia, zgniecenia lub przecięcia zużytej baterii.

⚠ : Този знак е знак за безопасност/предупреждение.
・Не поглъщайте батерията.
Опасност от химическо изгаряне
・Този продукт съдържа плоска/бутонна батерия.
・Ако плоската/бутонна батерия бъде погълната, тя може да причини тежки вътрешни изгаряния само за 2 часа и може да доведе до смърт.
・Пазете новите и използваните батерии далеч от деца.
・Ако отделението за батериите не се затваря добре, спрете да използвате продукта и го дръжте далеч от деца.
・Ако смятате, че батериите може да са били погълнати или поставени в някоя част на тялото, незабавно потърсете медицинска помощ.
ВНИМАНИЕ
・Опасност от експлозия, ако батерията бъде сменена с неправилен тип.
・Сменете батерията със същия вид.
ВНИМАНИЕ
・Опасност от експлозия или изтичане на запалими течности или газове.

・Не използвайте/съхранявайте/носете в среда с изключително висока температура или изключително ниско налягане, причинено от голямата височина.
・Не се опитвайте да изгаряте, смачквате или режете използваната батерия.

⚠ : Acest marcaj este un marcaj de securitate/avertizare.
・Nu ingerați bateria.
Pericol de arsuri chimice
・Acest produs conține o baterie tip pastilă.
・Dacă bateria tip pastilă este înghițită, aceasta poate cauza arsuri interne grave în numai 2 ore și poate duce la deces.
・Nu lăsați bateriile noi și bateriile uzate la îndemâna copiilor.
・În cazul în care compartimentul bateriei nu se închide bine, încetați utilizarea produsului și nu îl lăsați la îndemâna copiilor.
・Dacă bănuiți că este posibil ca bateriile să fi fost înghițite sau introduse în orice parte a corpului, consultați imediat medicul.
ATENȚIE
・Risc de explozie dacă bateria este înlocuită cu un tip incorect.
・Înlocuiți bateria cu una de același tip.
ATENȚIE
・Risc de explozie sau de scurgeri de lichide sau gaze inflamabile.

・Nu utilizați/depozitați într-un mediu cu temperatură extrem de înaltă sau cu presiune extrem de joasă din cauza altitudinii foarte mari.
・Nu încercați să ardeți, să spargeți sau să tăiați bateriile uzate.

⚠ : Ova oznaka je oznaka sigurnosti/upozorenja.
・Nemojte gutati bateriju.
Opasnost od kemijskih opeklina
・Ovaj proizvod sadrži novčić/gumb bateriju.
・Ako se novčić/gumb baterija proguta, može uzrokovati ozbiljne unutarnje opekline u samo 2 sata i može dovesti do smrti.
・Držite nove i rabljene baterije izvan dohvata djece.
・Ako se pretinac za baterije ne zatvara sigurno, prestanite koristiti proizvod i držite ga dalje od djece.
・Ako smatrate da su baterije možda progutane ili smještene unutar bilo kojeg dijela tijela, zatražite hitnu medicinsku pomoć.
OPREZ
・Ako je baterija zamijenjena pogrešnim tipom, postoji rizik od eksplozije.
・Zamijenite bateriju s baterijama iste vrste.
OPREZ
・Rizik od eksplozije ili istjecanja zapaljive tekućine ili plina.

・Nemojte koristiti u /pohranjivati u /unijeti u prostoru izuzetno visoke temperature ili izuzetno niskog tlaka zbog visoke nadmorske visine.
・Ne pokušavajte spaliti, lomiti ili rezati istrošenu bateriju.

⚠ : Þetta tákn er öryggis-/aðvörunartákn.
・Gleypið ekki rafhlöðuna.
Hætta á efnabruna
・Þessi vara inniheldur flata rafhlöðu.
・Ef rafhlaðan er gleypt getur hún valdið alvarlegum innvortis bruna á innan við 2 klukkustundum sem getur leitt til dauða.
・Geymið nýjar og notaðar rafhlöður þar sem börn ná ekki til.
・Ef rafhlöðuhólfið lokast ekki örugglega skal hætta notkun vörunnar og geyma hana þar sem börn ná ekki til.
・Ef þú telur að rafhlöður hafi verið gleyptar eða settar inn í eitthvert líkamsop, skaltu hafa samband við lækni tafarlaust.
VARÚÐ
・Hætta á sprengingu ef rafhlöðunni er skipt út fyrir ranga tegund.
・Skiptið rafhlöðunni ávallt út fyrir sömu tegund.
VARÚÐ
・Hætta á sprengingu eða leka á eldfimum vökva eða lofttegundum.

・Má ekki nota/geyma/setja í umhverfi þar sem er afar hár hiti, eða afar lágur þrýstingur vegna mikillar hæðar.
・Ekki reyna að brenna, kremja eða skera notaða rafhlöðu.

⚠ : Dette merket er et sikkerhets-/advarselsmerke.
・Ikke svelg batteriet.
Kjemisk brannfare
・Dette produktet inneholder et mynt-/knappecellebatteri.
・Dersom mynt-/knappecellebatteriet svelges, kan det frembringe alvorlige indre forbrenninger i løpet av kun to timer, og kan være dødelig.
・Hold nye og brukte batterier borte fra barn.
・Lukkes ikke batterirommet sikkert må du stanse å bruke produktet og holde det utenfor barns rekkevidde.
・Oppsøk medisinsk hjelp umiddelbart hvis du tror at batterier kan være svelget eller plassert inne i kroppen.
FORSIKTIG
・Eksplosjonsfare hvis batteriet erstattes med feil type.
・Bytt batteri med samme type.
FORSIKTIG
・Fare for eksplosjon eller lekkasje av brannfarlig væske eller gass.

・Ikke bruk i/oppbevar i/ta med inn i miljø med ekstremt høy temperatur eller ekstremt lavt trykk på grunn av den svært store høyden.
・Ikke forsøk å brenne, knuse eller skjære opp et brukt batteri.

⚠ : Ova oznaka je sigurnosna/upozoravajuća oznaka.
・Nemojte gutati bateriju.
Opasnost od hemijskih opekotina
・Ovaj proizvod sadrži bateriju veličine kovanice/dugmeta.
・Ako se baterija veličine kovanice/dugmeta proguta, može izazvati ozbiljne unutrašnje opekotine za samo 2 sata i može dovjesti do smrti.
・Čuvajte nove i korišćene baterije dalje od djece.
・Ako se prostor za baterije ne zatvori dobro, prestanite sa korišćenjem proizvoda i držite ga dalje od djece.
・Ako mislite da su baterije možda progutane ili stavljene u unutrašnjost bilo kog dijela tijela, potražite hitnu medicinsku pomoć.
OPREZ
・Opasnost od eksplozije ako se baterija zamijeni s baterijom pogrešnog tipa.
・Zamijenite bateriju sa baterijom istog tipa.
OPREZ
・Opasnost od eksplozije ili curenja zapaljive tečnosti ili gasa.

・Nemojte koristiti /skladištiti /unositi u okruženje izuzetno visoke temperature ili izuzetno niskog pritiska usljed veoma velike visine.
・Ne pokušavajte da spalite, lomite ili isječete iskorišćenu bateriju.

⚠ : Kjo është shenjë sigurie/paralajmërimi.
・Mos e gëlltisni baterinë.
Rrezik djegieje kimike
・Ky produkt përmban një bateri të hollë në formë monedhe/kopse.
・Nëse bateria e hollë në formë monedhe/kopse gëlltitet, ajo mund të shkaktojë djegie të rënda të brendshme brenda vetëm 2 orëve dhe mund të sjellë vdekjen.
・Mbajini bateritë e reja dhe të përdorura larg nga fëmijët.
・Nëse foleja e baterisë nuk mbyllet mirë, ndaloni përdorimin e produktit dhe mbajeni larg nga fëmijët.
・Nëse mendoni se bateritë mund të jenë gëlltitur ose futur brenda ndonjë pjese trupi, kërkoni menjëherë vëmendjen e mjekut.
KUJDES
・Rrezik shpërthimi nëse bateria zëvendësohet me një lloj të pasaktë.
・Zëvendësojeni baterinë me të njëjtin lloj.
KUJDES
・Rrezik shpërthimi nga rrjedhja e lëngut apo gazit të ndezshëm.

・Mos e përdorni / ruani / sillni në mjedise me temperaturë jashtëzakonisht të lartë ose presion jashtëzakonisht të ulët në lartësi shumë të mëdha.
・Mos u përpiqni të digjni, shtypni ose prisni baterinë e përdorur.

⚠ : Ova oznaka je oznaka za bezbednost/upozorenje.
・Nemojte gutati bateriju.
Opasnost od hemijskih opekotina
・Ovaj proizvod sadrži bateriju u obliku novčića/dugmeta.
・Ako se baterija u obliku novčića/gumba proguta, može da izazove ozbiljne interne opekotine za samo 2 sada i može da dovede do smrti.
・Nove i korišćene baterije čuvajte van domašaja dece.
・Ako se odeljak za bateriju ne zatvori dobro, prestanite da koristite proizvod i čuvajte ga van domašaja dece.
・Ako mislite da su baterije možda progutane ili stavljene unutar bilo kog dela tela, odmah zatražite medicinsku pomoć.
OPREZ
・Rizik od eksplozije ako je baterija zamenjena nepravilnim tipom.
・Zamenite bateriju sa istim tipom.
OPREZ
・Rizik od eksplozije ili curenja zapaljive tečnosti ili gasa.

・Ne koristite/ne čuvajte/ne donosite u sredinu izuzetno visoke temperature ili izuzetno niskog pritiska usled vrlo visoke visine.
・Ne pokušavajte da zapalite, smrvite ili isečete korišćenu bateriju.

⚠ : Bu işaret bir güvenlik/uyarı işaretidir.
・Pili yutmayın.
Kimyasal Yanma Tehlikesi
・Bu üründe bir düğme pil bulunmaktadır.
・Düğme pil yutulursa, sadece 2 saat içinde ağır iç yanıklara neden olabilir ve ölüme yol açabilir.
・Yeni ve kullanılmış pilleri çocuklardan uzak tutun.
・Pil yuvası emniyetli bir şekilde kapanmıyorsa, ürünü kullanmayı bırakın ve çocuklardan uzak tutun.
・Pillerin yutulduğunu veya vücudun herhangi bir parçasının içine yerleştirildiğini düşünüyorsanız, derhal tıbbi yardım alın.
DİKKAT
・Pil yanlış tür bir pille değiştirilirse patlama riski vardır.
・Pili aynı tür pillerle değiştirin.
DİKKAT
・Patlama ya da yanıcı sıvı veya gaz sızıntısı riski vardır.

・Aşırı derecede yüksek sıcaklıktaki veya çok yüksek rakımdan dolayı aşırı derecede düşük basınca sahip ortamlarda kullanmayın /saklamayın veya bu ortamlara götürmeyin.
・Kullanılmış pili yakmaya, ezmeye veya kesmeye çalışmayın.

Справжнім TOKAI RIKA CO., LTD. заявляє, що тип радіообладнання B3H2K2R відповідає Технічному регламенту радіообладнання;
КАБІНЕТ МІНІСТРІВ УКРАЇНИ ПОСТАНОВА №.355

Повний текст декларації про відповідність доступний на веб-сайті за такою адресою:
http://www.tokai-rika.co.jp/pc

Діапазон частот : 433.050 - 434.790 MHz
Максимальна потужність радіочастотного випромінювання : 10 mW(ERP)



Адреса: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

⚠ **Ця позначка являє собою позначку про необхідність дотримання правил безпеки/застереження.**

・Не допускайте проковтування батарейки.

Небезпека хімічного опіку

・Цей виріб містить батарейку монетного / таблеткового типу.
・Проковтування батарейки монетного / таблеткового типу може спричинити тяжкі внутрішні опіки всього лише за 2 години і може призвести до смерті.
・Зберігайте нові та використані батарейки подалі від дітей.
・Якщо кришка батарейного відсіку надійно не закривається, припиніть користуватися виробом і зберігайте його подалі від дітей.
・Якщо існує ймовірність проковтування батарейки або її розміщення всередині будь-якої частини тіла, негайно зверніться за медичною допомогою.

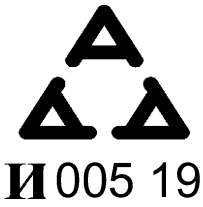
ОБЕРЕЖНО

・Ризик вибуху в разі заміни на батарейку неналежного типу.
・Замінюйте батарейку на батарейку такого ж самого типу.

ОБЕРЕЖНО

・Ризик вибуху або витоку горючої рідини або газу.

・Не використовуйте /не зберігайте /не розміщуйте в умовах надзвичайно високої температури або надзвичайно низького тиску через дуже велику висоту над рівнем моря.
・Не намагайтеся спалити, розбити або розрізати використану батарейку.



Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type B3H2K2R 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.

Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type BJ2KV is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: http://www.tokai-rika.co.jp/pc
TOKAI RIKA CO., LTD. vakuuttaa, että radiolaitetyyppi BJ2KV on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: http://www.tokai-rika.co.jp/pc
Hierbij verklaar ik, TOKAI RIKA CO., LTD., dat het type radioapparatuur BJ2KV conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: http://www.tokai-rika.co.jp/pc
Le soussigné, TOKAI RIKA CO., LTD., déclare que l'équipement radioélectrique du type BJ2KV est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: http://www.tokai-rika.co.jp/pc

Härmed försäkrar TOKAI RIKA CO., LTD. att denna typ av radioutrustning BJ2KV överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: http://www.tokai-rika.co.jp/pc
Hermed erklærer TOKAI RIKA CO., LTD., at radioudstyrstypen BJ2KV er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: http://www.tokai-rika.co.jp/pc
Hiermit erklärt TOKAI RIKA CO., LTD., dass der Funkanlagentyp BJ2KV der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: http://www.tokai-rika.co.jp/pc
Με την παρούσα ο/η TOKAI RIKA CO., LTD., δηλώνει ότι ο ραδιοεξοπλισμός BJ2KV πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: http://www.tokai-rika.co.jp/pc

Il fabbricante, TOKAI RIKA CO., LTD., dichiara che il tipo di apparecchiatura radio BJ2KV è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: http://www.tokai-rika.co.jp/pc
Por la presente, TOKAI RIKA CO., LTD. declara que el tipo de equipo radioeléctrico BJ2KV es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: http://www.tokai-rika.co.jp/pc
O(a) abaixo assinado(a) TOKAI RIKA CO., LTD. declara que o presente tipo de equipamento de rádio BJ2KV está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: http://www.tokai-rika.co.jp/pc
B'dan, TOKAI RIKA CO., LTD., niddikjara li dan it-tip ta' tagħmir tar-radju BJ2KV huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: http://www.tokai-rika.co.jp/pc

Käesolevaga deklareerib TOKAI RIKA CO., LTD., et käesolev raadioseadme tüüp BJ2KV vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: http://www.tokai-rika.co.jp/pc
TOKAI RIKA CO., LTD. igazolja, hogy a BJ2KV típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: http://www.tokai-rika.co.jp/pc
TOKAI RIKA CO., LTD. týmto vyhlasuje, že rádiové zariadenie typu BJ2KV je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: http://www.tokai-rika.co.jp/pc
Tímto TOKAI RIKA CO., LTD. prohlašuje, že typ rádiového zařízení BJ2KV je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: http://www.tokai-rika.co.jp/pc

TOKAI RIKA CO., LTD. potrjuje, da je tip radijske opreme BJ2KV skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: http://www.tokai-rika.co.jp/pc
Aš, TOKAI RIKA CO., LTD., patvirtinu, kad radijo įrenginių tipas BJ2KV atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: http://www.tokai-rika.co.jp/pc
Ar šo TOKAI RIKA CO., LTD. deklarē, ka radioiekārta BJ2KV atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: http://www.tokai-rika.co.jp/pc
TOKAI RIKA CO., LTD. niniejszym oświadcza, że typ urządzenia radiowego BJ2KV jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: http://www.tokai-rika.co.jp/pc

TOKAI RIKA CO., LTD. lýsir því hér með yfir að fjarskiptatækið af gerð BJ2KV er í samræmi við tilskipun 2014/53/EU. Öll ESB-samræmisyfirlýsingin er tiltæk á eftirfarandi vefslóð: http://www.tokai-rika.co.jp/pc
TOKAI RIKA CO., LTD. erklærer herved at radioutstyrtypen BJ2KV er i samsvar med direktivet 2014/53/EU. Hele teksten av EU-samsvarserklæringen kan leses på det følgende nettstedet: http://www.tokai-rika.co.jp/pc
С настоящото TOKAI RIKA CO., LTD. декларира, че този тип радиосъоръжение BJ2KV е в съответствие с Директива 2014/53/EC. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: http://www.tokai-rika.co.jp/pc
Prin prezenta, TOKAI RIKA CO., LTD. declară că tipul de echipamente radio BJ2KV este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: http://www.tokai-rika.co.jp/pc

Ovime TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa BJ2KV u skladu sa Direktivom 2014/53/EU. Potpuni tekst EU deklaracije o usaglašenosti dostupan je na slijedećoj internet adresi: http://www.tokai-rika.co.jp/pc
Me anë të këtij dokumenti, TOKAI RIKA CO., LTD. deklaron se tipi i radiopajisjes BJ2KV është në përputhje me Direktivën 2014/53/EU. Teksti i plotë i deklaratës së konformitetit të Bashkimit Evropian është i disponueshëm në adresën e mëposhtme të internetit: http://www.tokai-rika.co.jp/pc
TOKAI RIKA CO., LTD. ovime izjavljuje da je radijska oprema tipa BJ2KV u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: http://www.tokai-rika.co.jp/pc
Ovim TOKAI RIKA CO., LTD. potvrđuje da je radio-oprema tipa BJ2KV u skladu sa Direktivom 2014/53/EU. Potpuni tekst EU deklaracije o usaglašenosti dostupan je na sledećoj internet adresi: http://www.tokai-rika.co.jp/pc

TOKAI RIKA CO., LTD., işbu belgeyle telsiz cihazı türünün BJ2KV 2014/53/EU nolu Direktif ile uyumlu olduğunu beyan etmektedir.

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

CE

Address: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

Receiver Category (EN300 220): 2

Справжнім TOKAI RIKA CO., LTD. заявляє, що тип радіообладнання BJ2KV відповідає Технічному регламенту радіообладнання;
КАБІНЕТ МІНІСТРІВ УКРАЇНИ ПОСТАНОВА №.355

Повний текст декларації про відповідність доступний на веб-сайті за такою адресою:
http://www.tokai-rika.co.jp/pc

Категорія приймача: 2

Адреса: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

Hereby, TOKAI RIKA CO., LTD. declares that the radio equipment type BJ2KV is in compliance with Radio Equipment Regulations 2017.

The full text of the UK declaration of conformity is available at the following internet address:
http://www.tokai-rika.co.jp/pc

UKCA

Address: 3-260 Toyota, Oguchi-cho, Niwa-gun, Aichi 480-0195, Japan

Receiver Category (EN300 220): 2

▶ Millimeter wave radar sensor

Transmitter:	Model: DNMWR011 Operation frequency: 76.5 GHz Maximum output power: 676 mW or less
Manufacturer:	DENSO CORPORATION
Address:	1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661 Japan

D11 EU 01

Hereby, DENSO CORPORATION declares that the radio equipment type is in compliance with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following internet address:
https://www.denso.com/global/en/contact-us/doc/

EU 01

DENSO CORPORATION vakuuttaa, että radiolaitetyyppi on direktiivin 2014/53/EU mukainen.
EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:
https://www.denso.com/global/en/contact-us/doc/

EU 02

Hierbij verklaar ik, DENSO CORPORATION, dat het type radioapparatuur conform is met Richtlijn 2014/53/EU.
De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:
https://www.denso.com/global/en/contact-us/doc/

EU 03

Le soussigné, DENSO CORPORATION, déclare que l'équipement radioélectrique du type est conforme à la directive 2014/53/UE.
Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:
https://www.denso.com/global/en/contact-us/doc/

EU 04

Härmed försäkrar DENSO CORPORATION att denna typ av radioutrustning överensstämmer med direktiv 2014/53/EU.
Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:
https://www.denso.com/global/en/contact-us/doc/

EU 05

Hermed erklærer DENSO CORPORATION, at radioudstyrstypen er i overensstemmelse med direktiv 2014/53/EU.
EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:
https://www.denso.com/global/en/contact-us/doc/

EU 06

Hiermit erklärt DENSO CORPORATION, dass der Funkanlagentyp der Richtlinie 2014/53/EU entspricht.
Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:
https://www.denso.com/global/en/contact-us/doc/

EU 07

Με την παρούσα ο/η DENSO CORPORATION, δηλώνει ότι ο ραδιοεξοπλισμός πληροί την οδηγία 2014/53/ΕΕ.
Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:
https://www.denso.com/global/en/contact-us/doc/

EU 08

Il fabbricante, DENSO CORPORATION, dichiara che il tipo di apparecchiatura radio è conforme alla direttiva 2014/53/UE.
Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:
https://www.denso.com/global/en/contact-us/doc/

EU 09

Por la presente, DENSO CORPORATION declara que el tipo de equipo radioeléctrico es conforme con la Directiva 2014/53/UE.
El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:
https://www.denso.com/global/en/contact-us/doc/

EU 10

O(a) abaixo assinado(a) DENSO CORPORATION declara que o presente tipo de equipamento de rádio está em conformidade com a Diretiva 2014/53/UE.
O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:
https://www.denso.com/global/en/contact-us/doc/

EU 11

B'dan, DENSO CORPORATION, niddikjara li dan it-tip ta' tagħmir tar-radju huwa konformi mad-Direttiva 2014/53/UE.
It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej:
https://www.denso.com/global/en/contact-us/doc/

EU 12

Käesolevaga deklareerib DENSO CORPORATION, et käesolev raadioseadme tüüp vastab direktiivi 2014/53/EL nõuetele.
ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:
https://www.denso.com/global/en/contact-us/doc/

EU 13

DENSO CORPORATION igazolja, hogy a típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.
Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:
https://www.denso.com/global/en/contact-us/doc/

EU 14

DENSO CORPORATION týmto vyhlasuje, že rádiové zariadenie typu je v súlade so smernicou 2014/53/EÚ.
Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:
https://www.denso.com/global/en/contact-us/doc/

EU 15

Tímto DENSO CORPORATION prohlašuje, že typ rádiového zařízení je v souladu se směrnicí 2014/53/EU.
Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:
https://www.denso.com/global/en/contact-us/doc/

EU 16

DENSO CORPORATION potrjuje, da je tip radijske opreme skladen z Direktivo 2014/53/EU.
Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:
https://www.denso.com/global/en/contact-us/doc/

EU 17

Aš, DENSO CORPORATION, patvirtinu, kad radijo įrenginių tipas atitinka Direktyvą 2014/53/ES.
Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:
https://www.denso.com/global/en/contact-us/doc/

EU18

Ar šo DENSO CORPORATION deklarē, ka radioiekārta atbilst Direktīvai 2014/53/ES.
Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:
https://www.denso.com/global/en/contact-us/doc/

EU 19

DENSO CORPORATION niniejszym oświadcza, że typ urządzenia radiowego jest zgodny z dyrektywą 2014/53/UE.
Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:
https://www.denso.com/global/en/contact-us/doc/

EU 20

Hér með lýsir DENSO CORPORATION yfir því að er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU.
Samræmisyfirlýsing er einnig aðgengileg á eftirfarandi vefslóð:
https://www.denso.com/global/en/contact-us/doc/

EU 21

DENSO CORPORATION erklærer at er i overensstemmelse med direktiv 2014/53/EU.
Samsvarserklæringen i fulltekst er tilgjengelig på følgende internettadresse:
https://www.denso.com/global/en/contact-us/doc/

EU 22

С настоящото DENSO CORPORATION декларира, че този тип радиосъоръжение е в съответствие с Директива 2014/53/ЕС.
Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес:
https://www.denso.com/global/en/contact-us/doc/

EU23

Prin prezenta, DENSO CORPORATION declară că tipul de echipamente radio este în conformitate cu Directiva 2014/53/UE.
Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:
https://www.denso.com/global/en/contact-us/doc/

EU 24

DENSO CORPORATION ovime izjavljuje da je radijska oprema tipa u skladu s Direktivom 2014/53/EU.
Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:
https://www.denso.com/global/en/contact-us/doc/

EU 25

Овиме, DENSO CORPORATION изјављује да је радио опрема тип усаглашена са Директивом 2014/53/EU.
Цео текст ЕУ декларације о усаглашености доступам је на следећој интернет адреси:
https://www.denso.com/global/en/contact-us/doc/

EU 26

Amb aquest document, DENSO CORPORATION declara que el tipus d'equipament radioelèctric es conforme a la Directiva 2014/53/UE.
El text complet de la declaració UE de conformitat està disponible en la següent adreça d'Internet:
https://www.denso.com/global/en/contact-us/doc/

EU 27

İşbu belge; DENSO CORPORATION telsiz ekipmanı tipinin 2014/53/AB sayılı Direktif'e uygun olduğunu beyan eder.
AB uygunluk beyanının tam metni aşağıdaki internet adresinde mevcuttur:
https://www.denso.com/global/en/contact-us/doc/

EU 28

Me anë të kësaj deklaratë, subjekti DENSO CORPORATION deklaron se pajisjet radio është në përputhje me këtë rregull teknik për pajisjet radio dhe fundore të komunikimeve elektronike.
Teksti i plotë i Deklaratës së Konformitetit është i disponueshëm në adresën e mëposhtme të internetit:
https://www.denso.com/global/en/contact-us/doc/

AL 01

UK CA

Transmitter:	Model: DNMWR011 Operation frequency: 76.5 GHz Maximum output power: 676 mW or less
Manufacturer:	DENSO CORPORATION
Address:	1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661 Japan

D11 EU 01

Hereby, DENSO CORPORATION declares that the radio equipment type is in compliance with the relevant statutory requirements.
The full text of the UK declaration of conformity is available at the following internet address:
https://www.denso.com/global/en/contact-us/doc/

GB 02

Hereby, DENSO CORPORATION declares that the radio equipment type is in compliance with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following internet address:
https://www.denso.com/global/en/contact-us/doc/

EU 01

טויוטה מוטור אירופה נו\סא, שדרות דו בורגט 60-1140 בריסל,
בלגיה www.toyota-europe.com

IL 01

מוצר : מכ"מ התראה
סימן רשום : DENSO
ארץ ייצור : יפן \ ארה"ב
דגם : DNMWR011
שנת ייצור : ראה מוצר

D11 IL 01

▶ BSM (Blind Spot Monitor)

Manufacturer Postal Address
ADC Automotive Distance Control Systems GmbH
Peter-Dornier-Strasse 10, 88131 Lindau, Germany

C3-009

ОПРОСТЕНА ЕС ДЕКЛАРАЦИЯ ЗА СЪОТВЕТСТВИЕ
С настоящото ADC Automotive Distance Control Systems GmbH декларира, че този тип радиосъоръжение SRR3-A е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес:http://continental.automotive-approvals.com/

радиочестотната лента или ленти, в която или които работи радиосъоръжението:24.05–24.25 GHz

максималната радиочестотна мощност, излъчвана в радиочестотната лента или ленти, в която или които работи радиосъоръжението.:100mW (20 dBm) Peak EIRP

C3-010

DECLARACIÓN UE DE CONFORMIDAD SIMPLIFICADA
Por la presente, ADC Automotive Distance Control Systems GmbH declara que el tipo de equipo radioeléctrico SRR3-A es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: http://continental.automotive-approvals.com/

Banda o bandas de frecuencia en las que opera el equipo radioeléctrico:24.05–24.25 GHz

Potencia máxima de radiofrecuencia transmitida en la banda o bandas de frecuencia en las que opera el equipo radioeléctrico:
100mW (20 dBm) Peak EIRP

C3-011

ZJEDNODUŠENÉ EU PROHLÁŠENÍ O SHODĚ
Tímto ADC Automotive Distance Control Systems GmbH prohlašuje, že typ rádio-vého zařízení SRR3-A je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:
http://continental.automotive-approvals.com/

Kmitočtové pásmo (kmitočtová pásma), v němž (v nichž) rádiové zařízení pracuje:24.05–24.25 GHz

Maximální radiofrekvenční výkon vysílaný v kmitočtovém pásmu (v kmitočtových pásmech), v němž (v nichž) je rádiové zařízení provozováno:100mW (20 dBm) Peak EIRP

C3-012

FORENKLET EU-OVERENSSTEMMELSESERKLÆRING
Hermed erklærer ADC Automotive Distance Control Systems GmbH, at ra-dioudstyrstypen SRR3-A er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:
http://continental.automotive-approvals.com/

Frekvensbånd, som radioudstyret fungerer på:24.05–24.25 GHz

Maksimal radiofrekvenseffekt, der udsendes i de frekvensbånd, som radioudstyret fungerer på:100mW (20 dBm) Peak EIRP

C3-013

VEREINFACHTE EU-KONFORMITÄTSERKLÄRUNG
Hiermit erklärt ADC Automotive Distance Control Systems GmbH, dass der Funkanlagentyp SRR3-A der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:
http://continental.automotive-approvals.com/

Das Frequenzband oder die Frequenzbänder, in dem bzw. denen die Funkanlage betrieben wird:24.05–24.25 GHz

Die in dem Frequenzband oder den Frequenzbändern, in dem bzw. denen die Funkanlage betrieben wird, abgestrahlte maximale Sendeleistung:100mW (20 dBm) Peak EIRP

C3-014

LIHTSUSTATUD ELI VASTAVUSDEKLARATSIOON
Käesolevaga deklareerib ADC Automotive Distance Control Systems GmbH, et käesolev raadioseadme tüüp SRR3-A vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:
http://continental.automotive-approvals.com/

Sagedusriba(d), millel raadioseade töötab:24.05–24.25 GHz

Raadioseadme töösagedus(t)el edastatav maksimaalne saatevõimsus:100mW (20 dBm) Peak EIRP

C3-015

ΑΠΛΟΥΣΤΕΥΜΕΝΗ ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ ΕΕ
Με την παρούσα ο/η ADC Automotive Distance Control Systems GmbH, δηλώνει ότι ο ραδιοεξοπλισμός SRR3-A πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:
http://continental.automotive-approvals.com/

Οι ζώνες συχνοτήτων στις οποίες λειτουργεί ο ραδιοεξοπλισμός': 24.05–24.25 GHz

η μέγιστη ραδιοηλεκτρική ισχύς στις ζώνες συχνοτήτων στις οποίες λειτουργεί ο ραδιοεξοπλισμός:100mW (20 dBm) Peak EIRP

C3-016

SIMPLIFIED EU DECLARATION OF CONFORMITY

Hereby, ADC Automotive Distance Control Systems GmbH declares that the radio equipment type SRR3-A is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:
http://continental.automotive-approvals.com/

Frequency band(s) in which the radio equipment operates: 24.05–24.25 GHz

Maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates: 100mW (20 dBm) Peak EIRP

C3-017

DECLARATION UE DE CONFORMITE SIMPLIFIEE

Le soussigné, ADC Automotive Distance Control Systems GmbH, déclare que l'équipement radioélectrique du type SRR3-A est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:
http://continental.automotive-approvals.com/

Bandes de fréquences utilisées par l'équipement radioélectrique: 24.05–24.25 GHz

Puissance de radiofréquence maximale transmise sur les bandes de fréquences utilisées par l'équipement radioélectrique: 100mW (20 dBm) Peak EIRP

C3-018

POJEDNOSTAVLJENA EU IZJAVA O SUKLADNOSTI
ADC Automotive Distance Control Systems GmbH ovime izjavljuje da je radijska oprema tipa SRR3-A u skladu s Direktivom 2014/53/EU.
Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi::
http://continental.automotive-approvals.com/

Frekvencijski pojas (frekvencijski pojasi) u kojem (kojima) radijska oprema radi: 24.05–24.25 GHz

Najveća radiofrekvencijska snaga koja se prenosi u frekvencijskom pojasu (frekvencijskim pojasima) u kojem (kojima) radijska oprema radi: 100mW (20 dBm) Peak EIRP

C3-019

DICHIARAZIONE DI CONFORMITÀ UE SEMPLIFICATA
Il fabbricante, ADC Automotive Distance Control Systems GmbH, dichiara che il tipo di apparecchiatura radio SRR3-A è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:
http://continental.automotive-approvals.com/

Bande di frequenza di funzionamento dell'apparecchiatura radio: 24.05–24.25 GHz
Massima potenza a radiofrequenza trasmessa nelle bande di frequenza in cui opera l'apparecchiatura radio: 100mW (20 dBm) Peak EIRP

C3-020

VIENKĀRŠOTA ES ATBILSTĪBAS DEKLARĀCIJA
Ar šo ADC Automotive Distance Control Systems GmbH deklarē, ka radioiekārta SRR3-A atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:
http://continental.automotive-approvals.com/

Frekvenču joslu(-as), kurā(-ās) radioiekārtas darbojas: 24.05–24.25 GHz

Frekvenču joslā(-ās), kurā(-ās) darbojas radioiekārtas, maksimālo pārraidītā signāla jaudu.: 100mW (20 dBm) Peak EIRP

C3-021

SUPAPRASTINTA ES ATITIKTIES DEKLARACIJA
Aš, ADC Automotive Distance Control Systems GmbH, patvirtinu, kad radijo įrenginių tipas SRR3-A atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: http://continental.automotive-approvals.com/

Dažnių juosta (-os), kurioje (-iose) veikia radijo įrenginiai: 24.05–24.25 GHz

Didžiausia radijo dažnių galia, perduodama toje (tose) dažnių juostoje (-ose), kurioje (-iose) veikia radijo įrenginiai: 100mW (20 dBm) Peak EIRP

C3-022

EGYSZERŰSÍTETT EU-MEGFELELŐSÉGI NYILATKOZAT
ADC Automotive Distance Control Systems GmbH igazolja, hogy a SRR3-A típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen::
http://continental.automotive-approvals.com/

Az(ok) a frekvenciasáv(ok), amely(ek)en a rádióberendezés működik: 24.05–24.25 GHz

Az abban a frekvenciasávban vagy azokban a frekvenciasávokban továbbított maximális jelerősség, amely(ek)ben a rádióberendezés üzemel: 100mW (20 dBm) Peak EIRP

C3-023

DIKJARAZZJONI SSIMPLIFIKATA TA' KONFORMITÀ TAL-UE
B'dan, ADC Automotive Distance Control Systems GmbH, niddikjara li dan it-tip ta' tagħmir tar-radju SRR3-A huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej:
http://continental.automotive-approvals.com/

Il-medda/meded tal-frekwenza li jaħdem fihom it-tagħmir tar-radju:
24.05–24.25 GHz

Il-potenza massima tal-frekwenza tar-radju trażmessa fil-medda/meded tal-frekwenza li jaħdem fihom it-tagħmir tar- radju: 100mW (20 dBm) Peak EIRP

C3-024

VEREENVOUDIGDE EU-CONFORMITEITSVERKLARING
Hierbij verklaar ik, ADC Automotive Distance Control Systems GmbH, dat het type radioapparatuur SRR3-A conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:
http://continental.automotive-approvals.com/

Frequentieband(en) waarin de radioapparatuur functioneert:
24.05–24.25 GHz

Maximaal radiofrequent vermogen uitgezonden in de frequentieband(en) waarin de radioapparatuur functioneert: 100mW (20 dBm) Peak EIRP

C3-025

UPROSZCZONA DEKLARACJA ZGODNOŚCI UE
ADC Automotive Distance Control Systems GmbH niniejszym oświadcza, że typ urządzenia radiowego SRR3-A jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:
http://continental.automotive-approvals.com/

Zakresu(-ów) częstotliwości, w którym (których) pracuje urządzenie radiowe: 24.05–24.25 GHz

Maksymalnej mocy częstotliwości radiowej emitowanej w zakresie(-ach) częstotliwości, w którym (których) pracuje urządzenie radiowe: 100mW (20 dBm) Peak EIRP

C3-026

DECLARAÇÃO UE DE CONFORMIDADE SIMPLIFICADA
O(a) abaixo assinado(a) ADC Automotive Distance Control Systems GmbH declara que o presente tipo de equipamento de rádio SRR3-A está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:
http://continental.automotive-approvals.com/

A(s) banda(s) de frequências em que o equipamento de rádio funciona: 24.05–24.25 GHz

A potência máxima de radiofrequências transmitida na(s) banda(s) de frequências em que o equipamento de rádio funciona: 100mW (20 dBm) Peak EIRP

C3-027

DECLARAȚIA UE DE CONFORMITATE SIMPLIFICATĂ
Prin prezenta, ADC Automotive Distance Control Systems GmbH declară că tipul de echipamente radio SRR3-A este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă in-ternet: http://continental.automotive-approvals.com/

Banda (benzile) de frecvențe în care funcționează echipamentul radio: 24.05–24.25 GHz

Puterea maximă de radiofrecvență transmisă în banda (benzile) de frecvențe în care funcționează echipamentul radio: 100mW (20 dBm) Peak EIRP

C3-028

ZJEDNODUŠENÉ EÚ VYHLÁSENIE O ZHODE
ADC Automotive Distance Control Systems GmbH týmto vyhlasuje, že rádiové zariadenie typu SRR3-A je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: http://continental.automotive-approvals.com/

Frekvenčné pásmo resp. pásma, v ktorých rádiové zariadenie pracuje: 24.05–24.25 GHz

Maximálny vysokofrekvenčný výkon prenášaný vo frekvenčnom pásme, resp. pásmach, v ktorých rádiové zariadenie pracuje: 100mW (20 dBm) Peak EIRP

C3-029

POENOSTAVLJENA IZJAVA EU O SKLADNOSTI
ADC Automotive Distance Control Systems GmbH potrjuje, da je tip radijske opreme SRR3-A skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:
http://continental.automotive-approvals.com/

Frekvenčni pas ali pasovi, na katerih deluje radijska oprema:
24.05–24.25 GHz

Največja energija za radijsko frekvenco, preneseno po frekvenčnem pasu ali pasovih, na katerih radijska oprema deluje: 100mW (20 dBm) Peak EIRP

C3-030

YKSINKERTAISTETTU EU-VAATIMUSTENMUKAISUUSVAKUUTUS
ADC Automotive Distance Control Systems GmbH vakuuttaa, että radiolaitetyyppi SRR3-A on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:
http://continental.automotive-approvals.com/

Radiotaajuudet, joilla radiolaite toimii: 24.05–24.25 GHz

Suurin mahdollinen lähetysteho radiotaajuuksilla, joilla radiolaite toimii: 100mW (20 dBm) Peak EIRP

C3-031

FÖRENKLAD EU-FÖRSÄKRAN OM ÖVERENSSTÄMMELSE
Härmed försäkrar ADC Automotive Distance Control Systems GmbH att denna typ av radioutrustning SRR3-A överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:
http://continental.automotive-approvals.com/

Det eller de frekvensband där radioutrustningen arbetar: 24.05–24.25 GHz

Den maximala radiofrekvenseffekt som överförs inom det eller de frekvensband där radioutrustningen arbetar: 100mW (20 dBm) Peak EIRP

C3-032

EINFÖLDUÐ ESB SAMRÆMISYFIRLÝSING
Hér með lýsir ADC Automotive Distance Control Systems GmbH því yfir, að fjarskiptabúnaðurinn að gerð SRR3-A er í samræmi við tilskipun 2014/53/ ESB. Textinn í fullri lengd um Samræmisyfirlýsingu ESB er aðgengilegur á eftirfarandi veffangi:
http://continental.automotive-approvals.com/

Bandbreidd(ir), sem fjarskiptabúnaðurinn starfar í: 24.05–24.25 GHz

Hámarks fjarskiptatíðni sendistyrkleika í bandbreiddinni/bandbreiddunum sem fjarskiptabúnaðurinn starfar í: 100mW (20 dBm) Peak EIRP

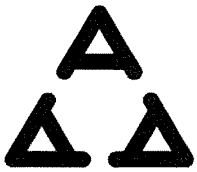
C3-033

BASİTLEŞTİRİLMİŞ AB UYGUNLUK BEYANI
Işbu belge ile, ADC Automotive Distance Control Systems GmbH şirketi SRR3-A tipi radyo ekipmanının 2014/53/AB sayılı direktife uygun olduğunu beyan eder. AB uygunluk beyanının tam metni aşağıdaki İnternet adresinde mevcuttur:
http://continental.automotive-approvals.com/

Radyo cihazının çalıştığı frekans bandı/bantları: 24.05–24.25 GHz

Radyo ekipmanının çalıştığı frekans bandında/bantlarında iletilen maksimum radyo frekansı gücü: 100mW (20 dBm) Peak EIRP

C3-034



C3-036

UK
CA

Manufacturer Postal Address
ADC Automotive Distance Control Systems GmbH
Peter-Dornier-Strasse 10, 88131 Lindau, Germany

SIMPLIFIED UK DECLARATION OF CONFORMITY
Hereby, ADC Automotive Distance Control Systems GmbH declares that the radio equipment type SRR3-A is in compliance with Radio Equipment Regulations of the United Kingdom. The full text of the UK declaration of conformity is available at the following internet address:
http://continental.automotive-approvals.com/

Frequency band(s) in which the radio equipment operates:
24.05–24.25 GHz

Maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates:
100mW (20 dBm) Peak EIRP

C3-057

חל איסור לבצע פעולות במכשיר שיש בהן כדי לשנות את תכונותיו האלחוטיות של המכשיר, ובכלל זה שינויי תוכנה, התחלפת אנטנה מקורית או חוספת אפשרות לחיבור לאנטנה חיצונית, בלא קבלת אישור משרד התקשורת, בשל החשש להפריעות אלחוטיות.

C3-058

▶ Wireless charger

Manufacturer
・Name：Panasonic Automotive Systems Co., Ltd.
・Address：4261, Ikonobe-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken 224-8520, Japan

Specifications of Wireless charger
Frequency band：120.3-128.549kHz
Maximum radio-frequency power：10W Max

Model No.[*]
CA-QS1CE0AE
CA-QS1CE1AE

CE

Hereby, Panasonic Automotive Systems Co., Ltd. declares that the radio equipment type [*] is in compliance with Directive 2014/53/EU.The full text of the EU declaration of conformity is available at the following internet address: https://www.ptc.panasonic.eu/

С настоящото Panasonic Automotive Systems Co., Ltd. декларира,
че този тип радиосъоръжение [*] е в съответствие с Директива 2014/53/ЕС.
Цялостният текст на ЕС декларацията за съответствие може
да се намери на следния интернет адрес:
https://www.ptc.panasonic.eu/

Tímto Panasonic Automotive Systems Co., Ltd. prohlašuje, že typ rádiového zařízení [*]
je v souladu se směrnicí 2014/53/EU.
Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:
https://www.ptc.panasonic.eu/

Hermed erklærer Panasonic Automotive Systems Co., Ltd. , at radioudstyrstypen [*] er i
overensstemmelse med direktiv 2014/53/EU.
EU-overensstemmelseserklæringens fulde tekst kan findes på følgende
internetadresse:
https://www.ptc.panasonic.eu/

Hiermit erklärt Panasonic Automotive Systems Co., Ltd. , dass der Funkanlagentyp [*]
der Richtlinie 2014/53/EU entspricht.
Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden
Internetadresse verfügbar:
https://www.ptc.panasonic.eu/

Käesolevaga deklareerib Panasonic Automotive Systems Co., Ltd. , et käesolev
raadioseadme tüüp [*] vastab direktiivi 2014/53/EL nõuetele.
ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel
internetiaadressil:
https://www.ptc.panasonic.eu/

Με την παρούσα ο/η Panasonic Automotive Systems Co., Ltd. , δηλώνει ότι ο
ραδιοεξοπλισμός [*] πληροί την οδηγία 2014/53/ΕΕ.
Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη
ιστοσελίδα στο διαδίκτυο:
https://www.ptc.panasonic.eu/

Por la presente, Panasonic Automotive Systems Co., Ltd. declara que el tipo de equipo radioeléctrico [*] es conforme con la Directiva 2014/53/UE.
El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:
https://www.ptc.panasonic.eu/

Le soussigné, Panasonic Automotive Systems Co., Ltd. déclare que l'équipement radioélectrique du type [*] est conforme à la directive 2014/53/UE.
Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:
https://www.ptc.panasonic.eu/

Il fabbricante, Panasonic Automotive Systems Co., Ltd. , dichiara che il tipo di apparecchiatura radio [*] è conforme alla direttiva 2014/53/UE.
Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:
https://www.ptc.panasonic.eu/

Ar šo Panasonic Automotive Systems Co., Ltd. deklarē, ka radioiekārta [*] atbilst Direktīvai 2014/53/ES.
Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:
https://www.ptc.panasonic.eu/

Aš, Panasonic Automotive Systems Co., Ltd. , patvirtinu, kad radijo įrenginių tipas [*] atitinka Direktyvą 2014/53/ES.
Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:
https://www.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd. ovime izjavljuje da je radijska oprema tipa [*] u skladu s Direktivom 2014/53/EU.
Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:
https://www.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd. igazolja, hogy a [*] típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.
Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:
https://www.ptc.panasonic.eu/

B'dan, Panasonic Automotive Systems Co., Ltd. , niddikjara li dan it-tip ta' tagħmir tar-radju [*] huwa konformi mad-Direttiva 2014/53/UE.
It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej:
https://www.ptc.panasonic.eu/

Hierbij verklaar ik, Panasonic Automotive Systems Co., Ltd. , dat het type radioapparatuur [*] conform is met Richtlijn 2014/53/EU.
De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:
https://www.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd. niniejszym oświadcza, że typ urządzenia radiowego [*] jest zgodny z dyrektywą 2014/53/UE.
Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:
https://www.ptc.panasonic.eu/

O(a) abaixo assinado(a) Panasonic Automotive Systems Co., Ltd. declara que o presente tipo de equipamento de rádio [*] está em conformidade com a Diretiva 2014/53/UE.
O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:
https://www.ptc.panasonic.eu/

Prin prezenta, Panasonic Automotive Systems Co., Ltd. declară că tipul de echipamente radio [*] este în conformitate cu Directiva 2014/53/UE.
Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:
https://www.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd. týmto vyhlasuje, že rádiové zariadenie typu [*] je v súlade so smernicou 2014/53/EÚ.
Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:
https://www.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd. potrjuje, da je tip radijske opreme [*] skladen z Direktivo 2014/53/EU.
Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:
https://www.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd. vakuuttaa, että radiolaitetyyppi [*] on direktiivin 2014/53/EU mukainen.
EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:
https://www.ptc.panasonic.eu/

Härmed försäkrar Panasonic Automotive Systems Co., Ltd. att denna typ av radioutrustning [*] överensstämmer med direktiv 2014/53/EU.
Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:
https://www.ptc.panasonic.eu/

CE

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-QS1CE0AE
CA-QS1CE1AE

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:120.3-128.549kHz
Maximum radio-frequency power: 10W Max

Model No.[*]
CA-QS1CE0AE
CA-QS1CE1AE

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/

Спецификације бежичног пуњача
Фреквенција фреквенције: 120.3-128.549kHz
Максимална фреквенција радија: 10W Max

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-QS1CE0AE
CA-QS1CE1AE

מספר אישור התאמה מטעם משרד התקשורת:55-09057

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 ：120.3-128.549kHz
Maksimum radyo frekansı gücü ： 10W Maks.

CE

Panasonic Automotive Systems Co., Ltd., [*] tipi radyo ekipmanının
2014/53/AB
Yönetmeliğine uygun olduğunu beyan eder.
Uygunluk beyanının tam metnine aşağıdaki internet adresinden
ulaşılabilir:
https://www.ptc.panasonic.eu/

Model No.[*]
CA-QS1CE0AE
CA-QS1CE1AE

▶ Tire pressure warning system

・Manufacturer's name: PACIFIC INDUSTRIAL CO., LTD. ・Manufacturer's address: 1300-1 Yokoi, Godo-cho, Anpachi-gun, Gifu, 503-2397 JAPAN ・Operating frequency band: 433.05 − 434.79MHz ・Maximum radio-frequency power: 92.8dB μV/m@3m(Radiated)
Hereby, PACIFIC INDUSTRIAL CO., LTD. declares that the radio equipment type PMV-G101 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
PACIFIC INDUSTRIAL CO., LTD. vakuuttaa, että radiolaitetyyppi PMV-G101 on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Hierbij verklaar ik, PACIFIC INDUSTRIAL CO., LTD., dat het type radioapparatuur PMV-G101 conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

Le soussigné, PACIFIC INDUSTRIAL CO., LTD., déclare que l'équipement radioélectrique du type PMV-G101 est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Härmed försäkrar PACIFIC INDUSTRIAL CO., LTD. att denna typ av radioutrustning PMV-G101 överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Hermed erklærer PACIFIC INDUSTRIAL CO., LTD., at radioudstyrstypen PMV-G101 er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Hiermit erklärt PACIFIC INDUSTRIAL CO., LTD., dass der Funkanlagentyp PMV-G101 der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Με την παρούσα ο/η PACIFIC INDUSTRIAL CO., LTD., δηλώνει ότι ο ραδιοεξοπλισμός PMV-G101 πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

Il fabbricante, PACIFIC INDUSTRIAL CO., LTD., dichiara che il tipo di apparecchiatura radio PMV-G101 è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Por la presente, PACIFIC INDUSTRIAL CO., LTD. declara que el tipo de equipo radioeléctrico PMV-G101 es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
O(a) abaixo assinado(a) PACIFIC INDUSTRIAL CO., LTD. declara que o presente tipo de equipamento de rádio PMV-G101 está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
B'dan, PACIFIC INDUSTRIAL CO., LTD., niddikjara li dan it-tip ta' tagħmir tar-radju PMV-G101 huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Käesolevaga deklareerib PACIFIC INDUSTRIAL CO., LTD., et käesolev raadioseadme tüüp PMV-G101 vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

PACIFIC INDUSTRIAL CO., LTD. igazolja, hogy a PMV-G101 típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
PACIFIC INDUSTRIAL CO., LTD. týmto vyhlasuje, že rádiové zariadenie typu PMV-G101 je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Tímto PACIFIC INDUSTRIAL CO., LTD. prohlašuje, že typ rádiového zařízení PMV-G101 je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
PACIFIC INDUSTRIAL CO., LTD. potrjuje, da je tip radijske opreme PMV-G101 skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Aš, PACIFIC INDUSTRIAL CO., LTD., patvirtinu, kad radijo įrenginių tipas PMV-G101 atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

Ar šo PACIFIC INDUSTRIAL CO., LTD. deklarē, ka radioiekārta PMV-G101 atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
PACIFIC INDUSTRIAL CO., LTD. niniejszym oświadcza, że typ urządzenia radiowego PMV-G101 jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Hér með lýsir PACIFIC INDUSTRIAL CO., LTD. yfir því að PMV-G101 er i samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU. Samræmisyfirlýsing er einning aðgengileg á eftirfarandi vefslóð: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
PACIFIC INDUSTRIAL CO., LTD. erklærer at PMV-G101 er i overensstemmelse med direktiv 2014/53/EU. Samsvarserklæringen I fulltekst er tilgjengelig på følgende internettadresse: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
С настоящото PACIFIC INDUSTRIAL CO., LTD. декларира, че този тип радиосъоръжение PMV-G101 е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

Prin prezenta, PACIFIC INDUSTRIAL CO., LTD. declară că tipul de echipamente radio PMV-G101 este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
U ovom dokumentu, PACIFIC INDUSTRIAL CO., LTD. deklariše da je radio oprema model PMV-G101 usklađena sa Directive 2014/53/EU. Cio tekst EU deklaracije usklađenosti dostupan je na slijedećoj interent adresi: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Овим, PACIFIC INDUSTRIAL CO., LTD. изјављује да је радио опрема типа PMV-G101 усклађена са Directive 2014/53/EU. Комплетан текст декларације ЕУ за усаглашеност доступан је на следећој веб адреси: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
PACIFIC INDUSTRIAL CO., LTD. ovime izjavljuje da je radijska oprema tipa PMV-G101 u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/
Këtu, PACIFIC INDUSTRIAL CO., LTD. deklaron se pajisja radio PMV-G101 është në përputhje me Directive 2014/53/EU. Teksti i plotë i deklaratës së konformitetit të BE-së gjendet në adresën e mëposhtme të internetit: https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

İşbu belge; PACIFIC INDUSTRIAL CO., LTD. telsiz ekipmanı tipinin PMV-G101 2014/53/AB sayılı Direktif'e uygun olduğunu beyan eder.
AB uygunluk beyanının tam metni aşağıdaki internet adresinde mevcuttur:
https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/etc/

Prin prezenta, PACIFIC INDUSTRIAL CO., LTD. declară că tipul de echipamente radio PMV-G101 este în conformitate cu Reglementarea Tehnică "Punerea la dispoziție pe piață a echipamentelor radio", aprobată prin HG nr. 34 din 30.01.2019.
Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:
https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/etc/

UK(England, Wales and Scotland)
・Manufacturer's name: PACIFIC INDUSTRIAL CO., LTD.
・Manufacturer's address: 1300-1 Yokoi, Godo-cho, Anpachi-gun, Gifu, 503-2397 JAPAN
・Operating frequency band: 433.05 - 434.79MHz
・Maximum radio-frequency power: 92.8dBμV/m@3m(Radiated)

Hereby, PACIFIC INDUSTRIAL CO., LTD. declares that the radio equipment type PMV-G101 is in compliance with Radio Equipment Regulations 2017 (S.I. 2017/1206).
The full text of the declaration of conformity is available at the following internet address:
https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/etc/

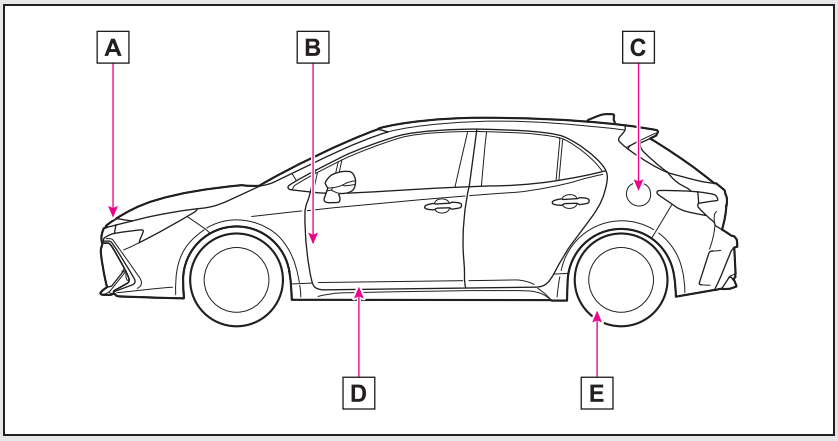


"מספר אישור התאמה מטעם משרד התקשורת: "-55-11234

"חל איסור לבצע פעולות במכשיר שיש בהן כדי לשנות את תכונותיו האלחוטיות של המכשיר, ובכלל זה שינויי תוכנה, החלפת אנטנה מקורית או הוספת אפשרות לחיבור לאנטנה חיצונית, בלא קבלת אישור משרד התקשורת, בשל החשש להפרעות אלחוטיות.";

-Certificate Information
See below.
https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/etc/

GAS STATION INFORMATION



A Auxiliary catch lever (→P.384)

B Hood lock release lever (→P.384)

C Fuel filler door (→P.235)

D Fuel filler door opener (→P.235)

E Tire inflation pressure (→P.509)

Fuel tank capacity (Reference)	43.0 L (11.4 gal., 9.5 Imp. gal.)	
Fuel type		P.505 P.512
Cold tire inflation pressure		P.509
Engine oil capacity (Drain and refill — reference)		P.506
Engine oil type	“Toyota Genuine Motor Oil” or equivalent	P.506